



Towards a disaster free India

Annual Report (2013-14)



NATIONAL INSTITUTE OF DISASTER MANAGEMENT
Ministry of Home Affairs, Government of India
New Delhi - 110002

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Annual Report of NIDM 2013-14

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Vision

The vision of NIDM is to be a premier Institute of Excellence for training and research on disaster risk mitigation and management in India and to be recognized as one of the leading Institutions at the International level in the field. To strive relentlessly towards making a disaster free India by developing and promoting a culture of prevention and preparedness at all levels.

From the Director Desk's

I am extremely happy in presenting the Annual Report of National Institute of Disaster Management, New Delhi for the year 2013-14. The National Institute of Disaster Management (NIDM) was constituted under an Act of Parliament with a vision to play the role of a premier institute for capacity development in India and the region. Under the Disaster Management Act 2005, NIDM has been assigned nodal responsibilities for human resource development, capacity building, training, research, documentation and policy advocacy in the field of disaster management. Both as a national centre and then as the national Institute, NIDM has performed a crucial role in bringing disaster risk reduction to the forefront of the national agenda.

It is our belief that disaster risk reduction is possible only through promotion of a “Culture of Prevention” involving all stakeholders. We work through strategic partnerships with various ministries and departments of the central, state and local governments, academic, research and technical organizations in India and abroad and other bi-lateral and multi-lateral international agencies. NIDM is proud to have a multi-disciplinary core team of professionals working in various aspects of disaster management.

In its endeavour to facilitate training and capacity development, the Institute has state-of-the-art facilities like class rooms, seminar hall, a GIS laboratory and video-conferencing facilities etc. The Institute has a well-stocked library exclusively on the theme of disaster management and mitigation. The Institute provides training in face-to-face, on-line and self-learning mode as well as satellites based training. Our vision is to create a Disaster Resilient India by building the capacity at all levels for disaster prevention and preparedness.

The performance of the Institute was achieved with the hard work and wholehearted support of the faculty and staff of the Institute. I would like to place on record my appreciation for the co-operation extended by Ministry of Home Affairs, National Disaster Management Authority and other Government departments, organizations and academic institutes.

Prof. Santosh Kumar
Executive Director, NIDM

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Abbreviations

ADPC	- Asian Disaster Preparedness Center
ADRC	- Asian Disaster Reduction Center
ATC	- Annual Training Conference
ATI	- Administrative Training Institute
BMPTC	- Building Materials and Technology Promotion Council
CCA	- Climate Change Adaptation
CDAC	- Centre for Development of Advanced Computing
CWC	- Central Water Commission
DMC	- Disaster Management Centre
DRR	- Disaster Risk Reduction
DST	- Department of Science and Technology
ekDRM	- Environmental Knowledge for Disaster Risk Management
FEMA	- Federal Emergency Management Agency
GFDRR	- Global Facility for Disaster Reduction and Recovery
GIZ	- Deutsche Gesellschaft für Internationale Zusammenarbeit
GSI	- Geological Survey of India
ICIMOD	- The International Centre for Integrated Mountain Development
IGEP	- Indo-German Environment Program
IIPA	- Indian Institute of Public Administration
IIRS	- Indian Institute of Remote Sensing
IIT	- Indian Institute of Technology
IMD	- India Meteorological Department
INCOIS	- Indian National Centre for Ocean Information Services
JICA	- Japan International Cooperation Agency

NDMA	- National Disaster Management Authority
NEC	- National Executive Committee
NGO	- Non Governmental
NIDM	- National Institute of Disaster Management
NIRD	- National Institute of Rural Development
PDC	- Pacific Disaster Center
PDNA	- Post Disaster Needs Assessment
ToS	- Training of stakeholders
ToT	- Training of trainers
UN SPIDER	- United Nations Platform for Space-based Information for Disaster Management and Emergency Response
UNDP	- United Nations Development Program
UNEP	- United Nations Environment Programme
USAID	- United States Agency for International Development
WBI	- World Bank Institute

Chapter 1

Overview

1.1. About the Institute

National Institute of Disaster Management (NIDM) has been entrusted with the nodal responsibility for human resource development, capacity building including training & education, research, documentation and policy planning in the field of disaster management. Upgraded from the National Centre for Disaster Management of the Indian Institute of Public Administration on the 16th October, 2003, NIDM is steadily marching forward to fulfill its mission to make a disaster resilient India by developing and promoting a culture of prevention and preparedness at all levels, and emerge as a centre of Excellence. The institute has attained the status of a statutory organisation under the Disaster Management Act, 2005. Union Home Minister is the President of the Institute and, its Governing Body is chaired by Vice Chairman of National Disaster Management Authority (NDMA).

1.1.1. Mission and Objectives

Mission of NIDM is to strive relentlessly towards making a disaster free India by developing and promoting a culture of prevention and preparedness at all levels, provide assistance in policy formulation and to facilitate in reducing the impact of disasters through achieving the following objectives:

- Planning and promoting training and capacity building services including strategic learning
- Research, documentation and

development of national level information base

- System development and expertise promotion for effective disaster preparedness and mitigation
- Promoting awareness and enhancing knowledge and skills of all stakeholders
- Strengthening institutional mechanisms for training and capacity building of all stakeholders.
- To become National Resource Centre for the Central and State Governments in the field of Disaster Management in collaboration with other premier institutions.

1.1.2. Mandates

- Develop training modules, undertake research and documentation in disaster management and organize training programmes
- Formulate and implement a comprehensive human resource development plan covering all aspects of disaster management
- Provide assistance in national level policy formulation
- Provide required assistance to the training and research institutes for development of training and research programmes for various stakeholders
- Provide assistant to the State Governments and State training institutes in the formulation of State level policies, strategies, disaster management framework and capacity-building

- Develop educational materials for disaster management, including academic and professional course
- Promote awareness among stakeholders including college/school teachers and students, technical personnel and others associated with multi-hazard mitigation, preparedness and response measures
- Undertake, organize and facilitate study courses, conferences, lectures, seminars within and outside the country to promote disaster management
- Undertake and provide support for publication of journals, research papers and books and establish and maintain libraries etc.

1.1.3. Functions

The Institute has four academic divisions with well qualified academic experts on various aspects of disaster management i.e., policy planning, preparedness & mitigation, response & rehabilitation aspects. The Institute performs following academic functions:

❖ **Training:** NIDM is engaged in design and implementation of following types of courses

- Face-to-Face Training
 - Training of Trainers (ToT)
 - Training of Stakeholders (ToS)
- Web Based Training
- Satellite (EDUSAT) Based Training
- Self Study Course

❖ **Policy Studies:** The Institute has provided substantial inputs for the formulation of the National Policy on Disaster Management, Chapters on Disaster Management in the Tenth and Eleventh Plan documents, Report of the

Administrative Reforms Commission for its recommendations on Crisis Management and a Study on Financing Disaster Management for the Thirteenth Finance Commission. The Institute is developing the National Response Plan and National Human Resource Development & Capacity Building Plan on Disaster Management and thus assisting the National Executive Committee (NEC) in developing the National Plan on Disaster Management.

❖ **International Cooperation:** NIDM has been working in close collaboration with United Nations Development Programme (UNDP), United Nations Environment Programme (UNEP), United Nations Platform for Space-based Information for Disaster Management and Emergency Response (UN- SPIDER), The International Centre for Integrated Mountain Development (ICIMOD), Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ), United States Agency for International Development (USAID), World Bank (WB) and various other agencies for implementing, training, research and policy planning related tasks.

❖ **Education & Research:** NIDM has been working closely with the University Grant Commission for promotion of College/University education in Disaster Management as an optional course at UG level and is developing a scheme for mainstreaming DRR into all major streams of higher education. NIDM has also undertaken research & Case studies with the support and collaboration of ICSSR, ISET, UNDP, MOEF, ICIMOD, GIZ-IGEP, etc. on urban flood studies, Bundelkhand drought vulnerability, Climate resilient development & adaptation, Gorakhpur floods, Local policy for water hazards mitigation in mountain, etc.

❖ **Documentation & Publications:** NIDM has started documenting all major disasters in India in order to identify the weaknesses, Best Practices & Lessons Learnt for future. The first “India Disaster Report” was published by NIDM in 2012. NIDM also publishes a bi-annual journal “Disaster & Development”, quarterly

newsletter “Tidings” and “Monthly Updates”.

NIDM provides technical support to the state governments through the Disaster Management Centres (DMCs), mostly located in the Administrative Training Institutes (ATIs) of the States and Union Territories. Presently NIDM is supporting thirty such centres.

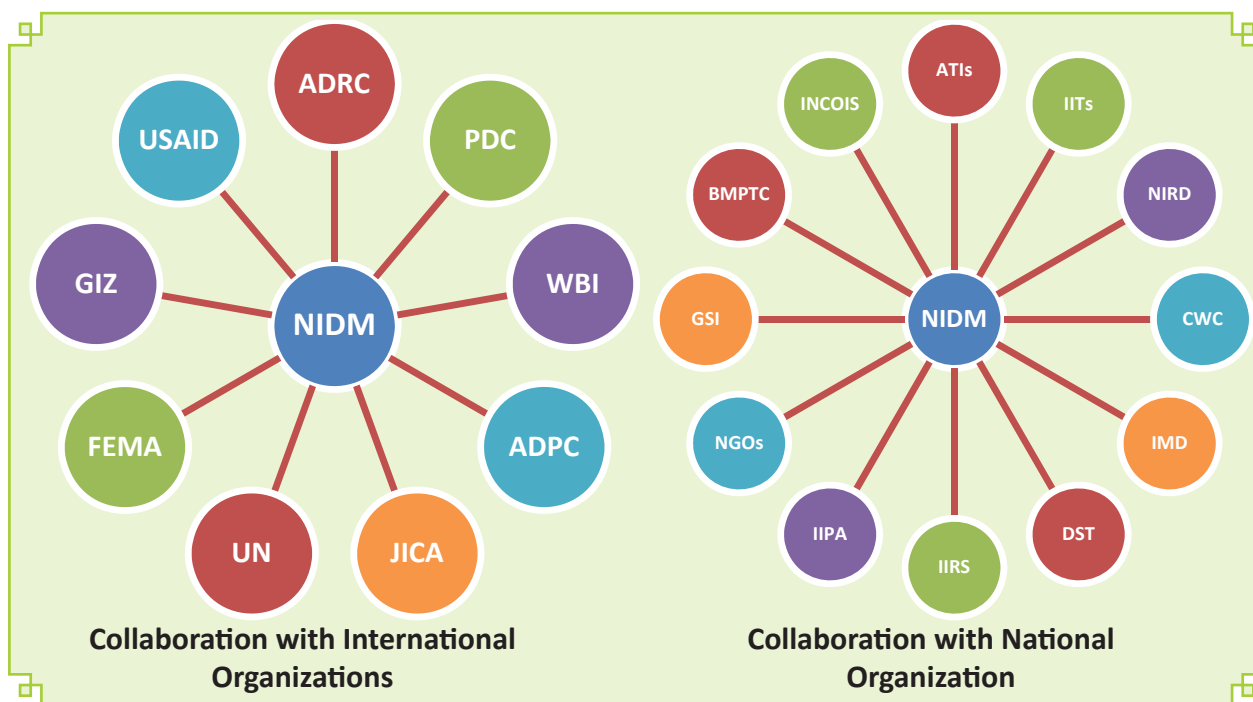


Figure 1.1 Diagram showing collaboration of NIDM with different stakeholders

ADPC - Asian Disaster Preparedness Center
 ADRC - Asian Disaster Reduction Center
 ATI - Administrative Training Institute
 BMPTC - Building Materials and Technology Promotion Council
 CWC - Central Water Commission
 DST - Department of Science and Technology
 FEMA - Federal Emergency Management Agency
 GIZ - Deutsche Gesellschaft für Internationale Zusammenarbeit
 GSI - Geological Survey of India
 IIPA - Indian Institute of Public Administration

IIRS - Indian Institute of Remote Sensing
 IIT - Indian Institute of Technology
 IMD - India Meteorological Department
 INCOIS - Indian National Centre for Ocean Information Services
 JICA - Japan International Cooperation Agency
 NGO - Non Governmental
 NIDM - National Institute of Disaster Management
 NIRD - National Institute of Rural Development
 PDC - Pacific Disaster Center
 USAID - United States Agency for International Development
 WBI - World Bank Institute

Chapter 2

Trainings

Emphasis on the capacity building of disaster management functionaries has been one of the principal endeavors of the Institute. As part of this endeavor, NIDM training programmes, addressing the various capacity building issues, largely in respect of disaster risk management were organized.

During the financial year 2013-14, 99 training programmes were conducted, out of which 84 were face-to-face, and 15 were online training programmes. A total of 2972 participants were trained through various training programmes. The year witnessed an increase in the number of face-to-face training programs (84) and also in the number of participants from the previous financial year.

2.1. Objectives

In order to ensure imparting appropriate training among disaster management functionaries and other professionals who are engaged in the realm of disaster and development activities, the training programmes of NIDM are designed with the following objectives:

- Building awareness, improving skills and broadening knowledge of the development functionaries for effective program planning and implementation;
- sensitizing senior executives of development departments of centre and states for emerging needs of disaster management on socio-economic and political conditions through workshops, seminars and consultations;

- Facilitating attitudinal changes among development personnel through exposure visits, documentation of successful cases and developmental interventions.

2.2. Profile of Participants

Since NIDM training programmes canvass among the different clientele groups engaged in disaster management, the profile of the trainees spread across the following categories of participants:

- government officials include Central, State and District level officials;
- civil society organisations include disaster management professionals;
- public sector undertakings (PSUs);
- academicians include researchers, scientists, school teachers and universities professors;
- International participants.

2.3. Training Methods

Keeping in view the varied nature of the training imparted and also the profile of the participants attending the programmes, various training methods are being used. Methods of training include

- Lecture-cum-discussion
- Case study presentations
- Participatory methods
- Group discussions

- Exercises/hands-on sessions
- Field exposure study visits
- Panel discussions
- Simulation games
- Hands in training
- Table top Exercise

2.4 Types of Training Programmes

NIDM training Programme are classified based on the mode of delivery, target group and also on the theme.

Based on the mode of delivery the programmes are classified as

- Face to Face Training
- Blended Learning
- Online training
- Self learning
- Satellite based training

2.4.1. Face-to-face training programs:

Face-to-face training is the flagship program of NIDM. The institute provides wide range of trainings through face to face training methodology at NIDM or at the Disaster Management Centres (DMCs) of state ATI's. Almost all aspects of disaster management are covered through various training programs. With its relentless pursuit for greater outreach to various stakeholders, the institute has been able to increase the number of training programs over the years. The comparative analysis of data of the last

five years of training programs have been shown in the figure 2.1.

Depending on the target group there are two types of face to face training programme, viz. Stakeholder training and Training of Trainers.

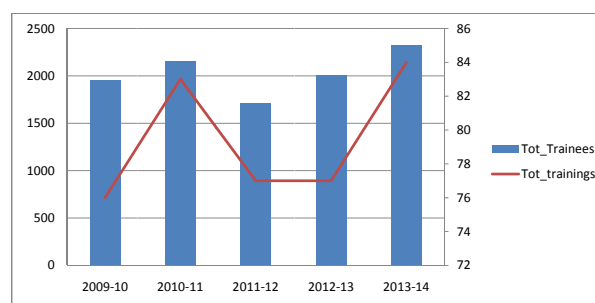


Figure 2.1: Bar chart showing comparative analysis of number of training programs and trainees in last five years

Considering National and Regional Mandate, NIDM is focusing more on Training of Trainers since 2011.

A total of 84 face-to-face training programmes were given by NIDM in the year 2013-14 at various locations in India. Out of 2322 trainees trained, 836 were undergone training of trainers (ToT) and 1486 were undergone stakeholders training from various fields and departments linked with disaster management (table 2.2). Thus, out of total face-to-face trainings, 36% were training of trainers (ToT) and 64% trainings were imparted to other stakeholders (figure 2.2).

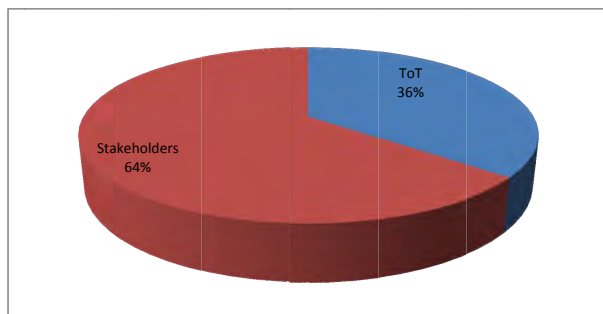
It is noteworthy that during the year there was about 12% increase in ToT programs in comparison to the previous year (in 2012-13

Table 2.1. Details of face-to-face training programs in the year 2013-14

Training details		Training of trainers (ToT)		Training of other stakeholders	
Total no. of trainings	Total no. of participants	Total no. of training programs	Total no. of participants	Total no. of training programs	Total no. of participants
84	2322	31	836	53	1486

ToTs were 25%, in 2013-14 ToTs were 36% of the total face-to-face training programs). List of face-to-face training provided has been given as Annexure 1.

Figure 2.2: Details of Face-to-face training conducted in 2013-14



2.4.2. Online training program

The National Institute of Disaster Management in partnership with the World Bank (GFDRR) Washington, offers a series of e-learning programmes on disaster risk management. The courses provide excellent opportunities for distant participants to learn about the management and mitigation of disaster risks under professional guidance. The training materials in the form of CDs are sent through post which can be accessed online and can be used anytime after the completion of the course. All the modules can be accessed through online course platform by the registered participants. The program includes presentations and audio, discussion forums, queries, clarifications, assignments and end-of-course project which are evaluated by experienced course facilitators. Successful candidates are provided certificates jointly issued by the NIDM and the World Bank (GFDRR). A total of 15 such training programmes were conducted during the year 2013-14 and 650 participants were trained through online training program. Details are provided Annexure 1.

2.4.3 Self Study Programme

NIDM in collaboration with C-DAC, launched e-learning Self Study Program on disaster management on the occasion of "Disaster Reduction Day" on 12th October 2011. NIDM offers self-study courses for general public as well as government officials and other stakeholders who have role and responsibility of managing disasters and serving the society as a whole. The courses under the program can be accessed by anyone from anywhere as per his/her convenience in flexi time, free of cost. The aim of these courses is to create interest and raise the level of knowledge, skill and awareness on disaster management. Content development is completed for all the courses and eight courses are available online with slideshow and audio-video interaction till March 2014 and other 2 are under development,

2.5. Analysis of training programs



Figure 2.3. Home page of Self Study Portal

During the year 2013-14, NIDM organized 99 training programs, including 84 face to face training programmes (31 ToT and 53 ToS). Besides Face to Face Programmes, 15 training courses were provided through online

Table 2.2. List of Self Study Courses

S.no	Name of the course	Status
1	Basics of Disaster Management	Completed
2	Community Based Disaster Risk Management (CBDRM)	Completed
3	A Guide for Civil Defense Volunteers	Completed
4	A Guide for Public Health Worker	Completed
5	School Safety	Completed
6	Introduction to Flood Risk Mitigation and Management	Completed
7	Introduction to Cyclone Risk Mitigation and Management	Completed
8	Landslide Risk Mitigation and Management	Completed
9	Introduction to Earthquake Risk Mitigation and Management	Under Development
10	Introduction to Industrial Chemical Disaster Risk Mitigation and Management	Under Development

mode. Apart from these people from various professions, students and general public are accessing the Self Study Programmes of NIDM.

2.5.1. Types of training programmes:

NIDM gives training on different aspects of disaster management under three broad categories: 1) face-to-face, 2) online and 3) satellite based training. This year there was no satellite based courses conducted by NIDM. About 78% of participants were trained through face-to-face trainings and 22% were trained through various online training programs (Figure 2.3). Detailed break-up of the programs conducted during 2013-14 is given below:

Table 2.3: Types of training programs organized during 2013-14

S. No	Types of program	Total No. of Trainings	Total participants
1	Face- to face Training (ToT)	31	836

S. No	Types of program	Total No. of Trainings	Total participants
2	Face-to-face Training (ToS)	53	1486
3	Online training	15	650
	Total	99	2972

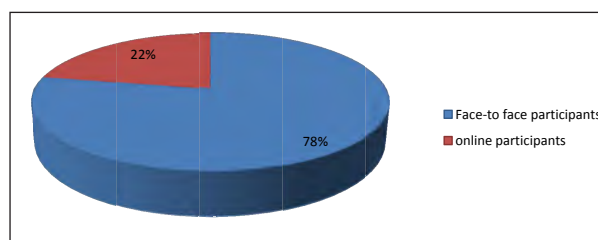


Figure 2.4: Pie chart depicting percentage of participants trained through different training programs in 2013-14

2.5.2. Profile of the Participants

The training programs provided by NIDM were able to attract participants from different fields across India as well as other countries, and different sectors like governments, civil society organizations, academicians etc. However, most of the participants were government officials. Participants trained were

from various municipalities and urban planning (20%) including Municipal Corporation of Delhi (MCD), followed by revenue and disaster management department (12%), academicians from various fields and institutions (10%), army and police officials, including National Disaster Response Force (9%), and various nongovernmental organizations (5%). There were also representations from different line departments of states like forest and environment (2%), water and irrigation (2%), rural department (2%) and women, child and welfare (1%). Profile of the participants trained through various training programs have been given in the figure 2.5.

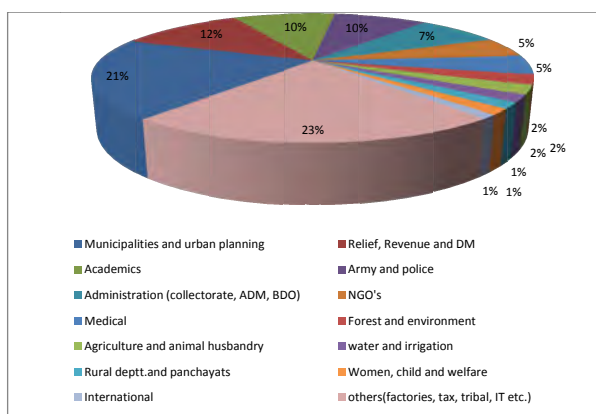


Figure 2.5: Profile of participants during 2013-14 training programmes

2.5.3. Region wise Participants

Most of the participants were from northern India (Jammu and Kashmir, Delhi, Haryana, Punjab, Uttarakhand) followed by Eastern India (Bihar, Jharkhand, West Bengal, Odisha), North East India (Assam, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim, Tripura), South India (Tamil Nadu, Kerala, Andhra Pradesh, Karnataka, Puducherry), Western India (Gujarat, Rajasthan, Maharashtra, Goa, Daman & Diu, Dadra and Nagar Haveli), Central India (Madhya Pradesh, Chhattisgarh) and two Small Island

Groups in India (Lakshadweep Andaman and Nicobar Island).

Table below provides the number of participants from different parts of country.

Table 2.4: List of participants from different state and UTs of India

SNo	State Name	Trainees
1	Andaman & Nicobar Islands	3
2	Andhra Pradesh	52
3	Arunachal Pradesh	4
4	Assam	63
5	Bihar	47
6	Chandigarh	4
7	Chhattisgarh	69
8	Dadra & Nagar Haveli	1
9	Daman & Diu	6
10	Delhi	334
11	Goa	17
12	Gujarat	133
13	Haryana	32
14	Himachal Pradesh	134
15	Jammu & Kashmir	7
16	Jharkhand	24
17	Karnataka	19
18	Kerala	13
19	Lakshadweep	5
20	Madhya Pradesh	18
21	Maharashtra	181
22	Manipur	4
23	Meghalaya	15
24	Mizoram	53
25	Nagaland	41
26	Odisha	54
27	Puducherry	10
28	Punjab	32
29	Rajasthan	37
30	Sikkim	149
31	Tamil Nadu	135
32	Tripura	2
33	Uttar Pradesh	225
34	Uttarakhand	110
35	West Bengal	67

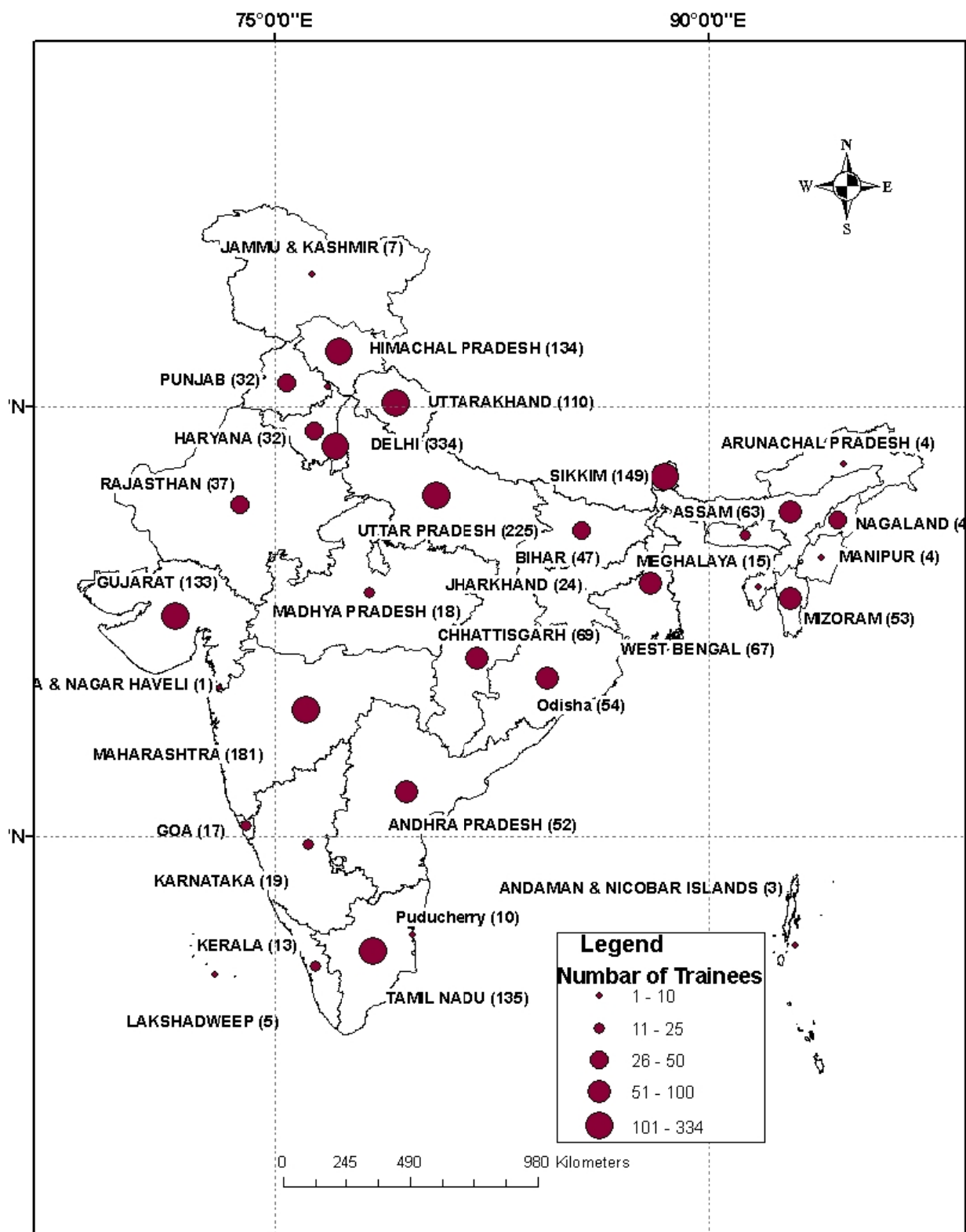


Figure 2.6: Map depicting the number of persons trained in different States and UTs of India during 2013-14.

2.5.4. Broad Areas of Training Programs covered during the year 2013-14

Since inception NIDM has been focusing on several issues of disaster management in the training programs. Various training programmes carried out by NIDM during the year 2013 -14 are broadly classified under four headings: (i) Basic Disaster Management Courses (ii) Hazard Specific Programmes (iii) Cross Cutting issues (iv) Emergency Response (v) Technology (Engineering, Medical and Geoinformatics).

Detailed list of different training programmes are as below:

(i) Basic disaster management courses

- Basic Disaster Management course for different target groups (Civil Defence, NDRF, Teachers etc.)

(ii) Hazard Specific Programmes

- Chemical (Industrial) Disaster Management
- Cyclone Risk Mitigation
- Drought Mitigation and Management
- Earthquake Risk Management
- Flood Risk Mitigation and Management
- Forest Fire Management
- Landslide Risk Hazard Management
- Management of Heat and Cold Wave
- Management of Road Accidents

(iii) Cross cutting issues

- Adaptation to Climate Change and Disaster Risk Management
- Community Based Disaster Risk Management
- Disabilities and Disaster Management
- Disaster Health Care management

- Disaster Safe Hill Area Development
- Ecosystem Approach to Disaster Disaster Risk Reduction
- Formulation of district disaster management plan
- Gender and disaster management
- Legal framework for disaster management
- School Safety Programme
- Needs of Children in Disaster
- Post disaster damage and need assessment
- Reproductive Health, Gender and Psycho-social support in Disaster Management
- Role of Forestry Sector in Disaster Management
- Role of Media in Disaster Management
- Stress Management for Disaster Responders
- Urban Risk Mitigation and Management

(iv) Emergency Response

- Training on Emergency Operation Centres
- Course on Incident Response System and Integrated Planning
- On-site and off-site Disaster Preparedness for Chemical Emergencies

(v) Technology (Engineering, Medical and Geo-informatics)

- Building codes and design for disaster safe built environment
- Disaster Management and First Aid
- Geo-informatics Applications in disaster management
- Seismic Micro Zonation and Risk Mapping
- Seismic Safety Assessment of Buildings by Rapid Visual Screening
- Space technology Applications in Disaster Risk Reduction

2.5.5. Feedback

At the end of each training program, the important components such as training design, training methods, training materials, speaker's effectiveness, boarding and lodging facilities, library facilities etc., are evaluated so as to take necessary steps to improve the design, content and effectiveness of training program.

2.6. Internship

Every year NIDM has been receiving requests for internship particularly during the summer months from students/researchers of academic / research / training institutions. Such requests have been considered on a case to case basis. The objectives of internship are:

- To familiarize the willing and eligible undergraduates and graduates pursuing graduation /post- graduation in relevant subjects, with overall disaster management

system and its various aspects.

- To help the students of universities/ colleges to gain firsthand experience in disaster management process, training and research.
- To provide students with ample opportunity to innovate and add to new ideas and techniques to test the skills.
- To provide flow of information about the NIDM and various activities undertaken by these institutions to the various universities, colleges, professional institutions through formal as well as informal means.

During the year, 12 students from various disciplines, institutes and universities from all over India were enrolled for the internship. These students were selected based on their qualification and proposals, they developed for internships.

Chapter 3

Projects

NIDM carried out research, consultancy and collaborative projects with other ministries, national and international organizations on various dimensions of disaster and development. These project outcomes are utilized for understanding the hazard scenarios, developing plans and policy documents and also a key input to trainings based on direct experiences drawn from field. The research outcomes are effectively used in NIDM's training programs and for developing case study modules.

3.1. Types of Project

The projects carried out were of the following types

- **Capacity building projects** covering training need analysis, developing training modules, developing and implementing training programmes based on field experiences etc. (e.g. World Bank-Cyclone mitigation project, Indo German Cooperation – ekDRM, RVS training program, developed as a part of Forensic investigation of Lalita Park Building Collapse etc.). Training modules based on case studies are developed under ekDRM project.
- **Post disaster Investigation and documentation projects** (e.g. Forensic investigation of Lalita Park Building Collapse).
- **Hazard Mapping, Vulnerability Analysis and Risk Assessment, Capacity analysis,**

Mitigation analysis etc., (ICSSR funded Bundelkhand Drought Project, RVS of Buildings under MCD project etc.).

- **Developing tools and techniques for DRR training and capacity building** (e.g. evolving standardized PDNA tools relevant to India to revamp the entire system of Post Disaster Needs Assessment in India under WB cyclone mitigation project, blended learning platform developed under ekDRM etc.).
- **Networking and Knowledge Collaboration Projects:** Such projects are aimed at exchange of technical knowledge and information in prevention and mitigation of disasters and exchange faculty members for advanced research and training on disaster risk management, organization of workshops, training programmes and field visits on DRM and publication of books, journals, pamphlets, etc., on subjects of mutual interest (Indo Japanese Collaboration, ekDRM etc.).

3.2. Tools and techniques

The research tools and techniques adopted for these projects include Training Need Analysis, Scientific methods like GIS and Remote Sensing Based Analysis, Engineering methods like RVS, Statistical Methods, and Social Science Methods like Sample Surveys, Structured Interviews, Case Studies, Participatory Learning Approaches (PLA), Qualitative Assessments and Impact Analysis etc.

3.3. Projects ongoing/completed

NIDM has taken several consultative and research projects since its inception. Highlights of some of the projects undertaken in the past are as below:

Table 3.1: Projects undertaken by NIDM in past

S. No	Name of the project
1	Administrative Reforms towards Enhanced Preparedness and Quick Response
2	Capacity Development for Climate Change Adaptation: MoEF-GEF Climate Change Adaptation Project in India
3	Climate Change Adaptation and disaster Risk Reduction (Joint initiatives with MoEF, TERI, UNDP, Institute of Social and Environment Transition)
4	Local Response to too much and too little water in the Greater Himalayan Region (with ICIMOD)
5	Greater Noida Twin Township Disaster Management Plan
6	Disaster Management Plan for Navi Mumbai Airport (in collaboration with CIDCO)
7	Urban Flood case study project
8	Development of guidelines, modules and methodology
9	Customization of Incident Response System (IRS) Modules (with USAID)
10.	Mainstreaming Reproductive Health (RH), Gender including Gender based Violence (GBV) and Psychosocial support (PSS) in Disaster Risk Reduction: A composite Capacity Building Intervention for Program Managers.
11	Forensic Investigation of Lalita Park, Lakshminagar, Delhi; Seismic Safety assessment of Buildings in Delhi by Rapid Visual Screening
12	Drought Vulnerability and Mitigation Analysis for Bundelkhand region (ICSSR Project).
13	Environmental Knowledge for Disaster Risk Management (ekDRM)

During the year 2013-14, the institute worked on four projects on different aspects of disaster management. The highlights of the research studies are as below:

3.3.1. National Cyclone Risk Mitigation Project

The National Cyclone Risk Mitigation Project seeks to minimize vulnerability in the cyclone hazard prone states and Union Territories of India and make people and infrastructure disaster resilient, in harmony with conservation of coastal ecosystems. The project is divided into four major components A, B, C & D. The specific objective of component 'C' of NCRMP are strengthening Disaster Risk Mitigation (DRM) capacity at Central, State and Local levels in order to enable mainstreaming of risk mitigation measures into the overall development agenda. The activities to be carried out by NIDM under this component include – a) Preparation of long term training and capacity building strategy, b) Implementation of high priority training and capacity building programs and c) Damage and loss assessment.

Details about the two studies to be carried out by NIDM are as under:

Study I: Preparing Long Term Training and Capacity Building Strategy for Disaster Risk Mitigation in India

This study is related to Capacity Building of stakeholders with multi hazard approach. It aims to contribute to a Capacity Development Framework that includes, the training and capacity building needs across all major disasters including earthquakes, landslides, cyclones, floods and drought across some key sectors including health, education, media, rural development, and PRIs/local bodies and across different levels from Panchayat to districts, states and national level.



Figure 3.1. Snapshot of NCRMP Webpage

As part of Training initiatives, a report on Strategic Framework for Implementation of Training involving Training Needs Analysis, Training Gap Analysis, Quantification & Prioritization of Training Needs, Strategy for Implementation of Training and Accreditation Method for Short Term DM Trainings was submitted; this is one of the important outcome of the study. A national workshop on the same was organized at NIDM on 3rd October, 2013. An interactive web portal was also launched in this workshop where all the reports under the project are uploaded and readers can post their comments as well. The link of the website is <http://www.seedstechnicalservices.com/projects/NCRMP> (a snapshot of which is placed alongside). The consultation workshop, on key policy issues to be included in White Paper on capacity building and training on DRR in India was organized on 23 December 2013, at NDMA, New Delhi.

A workshop on Accreditation Process and Policy, and Training Modules was organized on 5th February, 2014. The objective of the

consultative workshop was to discuss and get inputs from Ministry of Home Affairs, National Disaster Management Authority, States and other important stakeholders on the accreditation process in the field of Disaster Management. Accordingly seven training modules are achieved as a part of deliverable of the study. These training modules are developed as a tool to train master resource persons in the area of Panchayati Raj Institutions (PRIs), Rural Development (RD), City Development Plan, Health, Education and media. It is intended to be a flexible resource, in order to allow the trainers to decide how to use it according to the varying needs. The sub-modules, learning units and sessions can be used in the order presented, on their own, or in combination with other individual sessions and learning units within sub-modules.

The study on Accreditation Process and Policy led to a model to map the extent of quality assurance and accreditation intervention required to address the complete outreach of disaster management capacity building efforts. Further, to complement the objective of the Pilot TOT on “Re-examining Principles of Disaster Reporting”, was organized from 17 to 22 Feb, 2014. A consultative workshop was also organized on science-media interface



Figure 3.2 A workshop on Accreditation Process and Policy, and Training Modules was organized on 5th February, 2014

for effective disaster risk reduction on 19th February, 2014. The objective of the workshop was to promote collaborative relationship between science, media and disaster management professionals. The overall aim of the public awareness campaign is to create a multi-pronged approach for a strong public awareness campaign, penetrating from the national upto the community level. Against this backdrop, the national media campaign strategy adopts an overall empowering message of **'Disaster risk reduction begins with YOU!'**. It aims to build a culture of safety across the country in general and for communities at risk in particular.

Another state level consultation workshop for the study - 'Preparing Long Term Training and Capacity Building Strategy for Disaster Risk Reduction in India' under National Cyclone Risk Mitigation Project (NCRMP) was organized by National Institute of Disaster Management (NIDM) and the Department of Disaster Management, Government of West Bengal at Howrah on 27th February, 2014. The objective of the workshop was to share the findings of this study and to seek inputs on key deliverables of the study from state representatives.

Study II: *Post Disaster Needs Assessment Study for India (15th January, 2014 to 14th July, 2015)*

Objective

To evolve standardized PDNA tools relevant to India, provide recommendations for integrating the new PDNA tools in the existing procedure, identification & building the capacities/ advocacy of relevant stakeholders and create a panel of experts for subsequently undertaking assessments using the new PDNA tools that would be developed in due course.

This study aims at development of standardized PDNA tools for India based on scientific and

objective approach. It will be conducted for the following ten representative states – Tamil Nadu, Andhra Pradesh, Odisha, Bihar, West Bengal, Assam, Uttarakhand, Jammu and Kashmir, Gujarat and Maharashtra. The study will help develop tools which would result in filling up the existing gaps in the current PDNA system being followed in India, resulting in a robust post disaster damage and needs assessment mechanism.

Progress

NIDM is implementing this study in collaboration with Asian Disaster Preparedness Centre, Thailand. States are very important stakeholders in PDNA, therefore NIDM has tried, right from the inception stages of the study, to take the states on board and work towards the outcomes in a concerted manner. A central level workshop will be organized in April, 2014 at NIDM with representatives of states, key departments/ agencies from the centre and NGOs/ INGOs to have an open discussion about the study and get their inputs. This will be followed by a number of individual consultations with representatives of relevant ministries and departments for firming up the Inception Report, which has chalked out the trajectory of the study.

Expected Outcome

The final outputs of the project will be as under, which will not only establish a system for Post Disaster Needs Assessment in the country which ensures transparency and scientific ways of assessment, but also addresses the gaps that exist at present and provide a set of skilled human resource in the field for effective implementation:

1. Analytical report and documentation on existing practices of PDNA in India and available International methodologies

2. Set of standardized tools and techniques for PDNA in India with a long term Recovery Framework
3. Set of standard formats for PDNA
4. Manual and User Handbook on 'PDNA Tools for India'
5. Consultation workshop on Standardization of PDNA in India
6. PDNA Training Package
7. National and Regional level PDNA Training to develop a panel of PDNA professionals
8. Web portal for PDNA in India
9. White paper on accounting for private losses in disasters

The project will ultimately help state governments to conduct more accurate and transparent assessments of damages incurred during a disaster and thereby establish needs in the affected sectors based on a standard protocol.

3.3.2. East Asia Summit

EAS-India Workshop 2012 was organized in November 2012, New Delhi involving the Heads of National Disaster Management Agencies of EAS member countries. One of the main recommendations of workshop was to establish a Centre for EAS Countries for mutual cooperation in the area of earthquake risk reduction. Following this, EAS-ERR Centre was established at NIDM, New Delhi (India) to develop a comprehensive roadmap on regional framework for earthquake risk management for mutual benefit of EAS Member Countries and build a regional response to earthquake through 24X7 Point of Contact (PoC). It involves development of Virtual Knowledge Portal (VKP) for knowledge sharing, scientific information exchange and alerts dissemination.

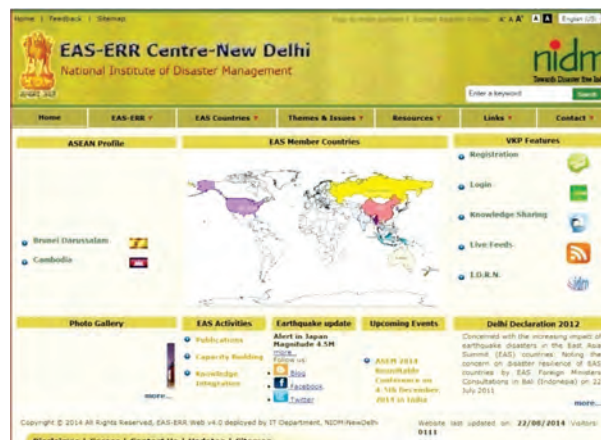


Figure 3.3 Home Page of EAS-ERR website

Objectives

- To bring all countries from across the EAS region and its member countries to establish cross border assistance during earthquake response.
- To providing international assistance across borders in affected countries and to develop emergency response framework and developing SOP for aspects of transit of emergency assistance such as life saving drugs, entry of search and rescue teams including search dogs etc. meant for affected country.
- To deal with different aspects of multilateral response to an earthquake this affects multiple countries.
- To provide road map for coordinating multidimensional measures against the danger of earthquakes and identifies a to-do list under independent sub-projects.

Major Outcomes

- Website development of EAS-ERR Centre, Seismic feeds integration via USGS & GDAC.
- Defining role of EAS-ERR Centre and its significance.
- Content development for ASEAN countries including India comprising of Country

Profile, Disaster Risk Profile, Institutional Framework and Initiatives.

- Finalization of EAS-ERR workshop 2012 Proceedings.
- Compilation of the list of all document and publications, resource material, educational material for all EAS countries.
- Resource material for all natural calamities excluding fire and man-made hazards had been compiled focusing especially on earthquake and its thematic areas.

3.3.3. Vulnerability Assessment and Mitigation Analysis for Drought in Bundelkhand Region (Research Project funded by ICSSR).

Research project on “Drought Vulnerability and Mitigation Analysis for Bundelkhand region” has been funded by Indian Council of Social Science Research (ICSSR). Aim of the project is to assess the impact scenario in case of a likely drought occurrence of moderate to severe nature in Bundelkhand so as to enable develop specific strategies for drought proofing. The study looks into the occurrences of different categories of drought – meteorological, hydrological and agricultural drought, with their spatial and temporal patterns, using statistical and geographical information system application. Detailed analysis of three districts, viz. Lalitpur (UP), Tikamgarh (MP) and Datia has been carried out to understand various interventions of government, NGOs and communities to mitigate the impacts of drought.

The project study involved field visit, discussion with relevant officials to assess the drought scenario and collection of relevant data and development of the data collection formats (district and sub-district level) pertaining to the indicators of vulnerability and mitigation

with reference to the drought risk. The project was found helpful in understanding on the significance of site specific interventions that relate to short or long term mitigation of drought impacts, besides adaptability of people’s actions in particular water and agriculture management practices. In addition, this has also indicated the role of ecological system’s resilience and people’s attitude towards dealing with a calamitous situation. A clear explanation of these terms will enhance the understanding and better equip the policy makers and mitigation analysts engaged in drought mitigation program in the region.

Objectives

- To analyze drought hazard severity and frequency for all 3 types of drought at district level for all the 13 districts of Bundelkhand
- To assess the differential and composite vulnerability to impact of drought at district level
- To develop potential drought impact zonation atlas for Bundelkhand at district level.
- To analyze prevailing mitigation measures against drought risks

The study has been carried out in the following three overlapping phases:

Phase I: Literature Survey and data collection

Different methods for drought hazard and vulnerability analysis have been studied from the published research studies for their relevance in the context of the present study is analysed. Besides detailed survey of existing literature has been carried out to understand the drought risks in Bundelkhand. General profile including demographic, geographic and economic profile for the all the districts were also compiled using Census 2011 and

Socioeconomic Census and district profiles developed by Central Ground Water Board and other web sources. Data collection, processing and computation of the indices for all the three types of drought, i.e., meteorological, hydrological and agricultural, has been carried out during this phase of the study.

Phase II: Drought Risk and Vulnerability Analysis

Data analysis included frequency and intensity calculations over the 12 years, combining frequency and intensity to produce hazard and vulnerability maps for all three types of drought followed by identifying the chronology of the drought occurrence. After the preparation of individual hazard and vulnerability maps, weightages with appropriate ranks were assigned to each categories to arrive at the “Composite Drought Risk Map” at district level for the entire region.

Phase III: Drought Risk Mitigation Analysis



Figure 3.4 Structural Mitigation Measures (Stop dams) in Chopra Village, Datia.

Various structural and non mitigation measures which help reduce the risk of agricultural or hydrological drought i.e the impacts of meteorological drought on water scarcity and natural resources including agriculture and livelihoods, and those assist to combat with drought situation, have been studied in this phase. Different Structural and non structural measures for drought proofing

were implemented by various ministries and departments in the region were studied in detail.

Three districts, namely, Lalitpur (UP), Datia (MP) and Tikamgarh (MP) were selected for the detailed mitigation analysis study. A stock of most of the development programmes, viz., ongoing and recently completed programmes and schemes were taken and objectives and components of those programmes were analyzed to understand their significance in drought mitigation. ‘Bundelkhand package’ and the activities under the package has been given special emphasis since there are several interventions within Bundelkhand package which were aimed at directly or indirectly supporting the drought proofing purposes. Both, structural and non structural mitigation measures were analyzed. Besides, interaction with officials at the district level, line departments and NGOs were also a part of the detailed vulnerability and mitigation analysis study. This analysis was found helpful in understanding their effectiveness for drought mitigation measures. Report of the research study was submitted to ICSSR in **December 2013**.

3.3.4. A collaborative project jointly with GIZ Germany has been implemented, as a component of MoEF, Gol cooperation with Indo-German Environment Program (IGEP) focusing on role of environmental information and tools in disaster related risk analysis, decision support system, mitigation and emergency response, for a period of three years (2010-12). The ‘Environment and Knowledge Management for Disaster Risk Management (ekDRM)’ project had been conceptualized to address the emerging issues of environmental risk management and develop appropriate tools and techniques suited to the conditions of the country. The

project focused on conducting research based case studies, developing training modules and promotion of blended learning approach for capacity building, with five thematic areas, viz. (i) Environmental statistics and DSS for DRM, (ii) Role of environmental legislation in DRR, (iii) Spatial planning and land-use for chemical disaster management, (iv) Role of environmental services and EIA in DRM, and (v) Natural resource management linkage with DRR – climate change adaptation.

Objectives

The aim of the 'Environment and Knowledge Management for Disaster Risk Management (ekDRM)' programme was to strengthen capacity building initiatives on disaster risk management with following objectives:

- To emphasize the environmental aspects of disaster risk management through use of statistical/decision-support system for assessment, planning and case-studies.
- To promote effective network and training with emerging/innovative methods including e-learning, consultation and workshops.
- To promote effective use of web-enabled system for human resource development and training management.
- To develop climate resilient disaster management plan at district and village level
- To develop technical paper on integrating CCA and DRR approaches for planning at local level.
- To promote international cooperation on exchange of ideas, expertise and sharing

of experience on aspects of environment and knowledge management for DRM.

Progress and Key Outcomes

EKDRM: Three training modules titled Geoinformatics Applications in Chemical Risk Management, Critical Infrastructure and Disaster Risk Reduction and Databases and Statistics for Disaster Risk Management were published in October 2013. NIDM organized an Outcome Discussion and Strategy Workshop on "Environmental Planning and Disaster Risk Management (EPDRM): Six years of Indo-German Cooperation in the field of Disaster Risk Management (DRM) in India" on 22 October 2013.

AdaptCap: The project Strengthening Adaptation Capacities and Minimizing Risks of Vulnerable Coastal Communities in India aims at increasing knowledge, planning and adaptation capacities of coastal communities concerning climate change adaptation (CCA), disaster risk reduction (DRR) and climate change mitigation (CCM) in Andhra Pradesh and Tamil Nadu, India. Field visits to Visakhapatnam district of Andhra Pradesh and Thiruvallur District of Tamil Nadu was carried out and interactions meeting with Authorities were held in the year 2013 and initiated formulation of Climate Smart Disaster Management Plans involving Stakeholders at district and village levels. Village Disaster Management Plans involving coastal communities were formulated for 6 villages on Pilot basis. Existing DDMP of Thiruvallur was reviewed and inputs as well revised format for DDMP was provided to District Authority.

Chapter 4

Information and Communication Technology

4.1. India Disaster Resource Network (IDRN)

IDRN was initiated by Ministry of Home Affairs (MHA) under the GOI - UNDP Disaster Risk Management (DRM) Programme, in the year 2003 to build up a systematic inventory of equipment and skilled human resources so that disaster managers can find the location and details of the resources easily, without losing precious time for immediate response.



Figure 4.1: Home page of new IDRN Portal

The inventory has been collected from various line departments and response agencies at district level. The primary focus is to enable the decision makers to get details of readily available and updated information about equipment and human resources required to combat any emergency situation. This database will also enable them to assess the level of preparedness for specific disasters. Considering the national importance of IDRN,

Ministry of Home Affairs entrusted National Institute of Disaster Management (NIDM) with the responsibility of monitoring and maintaining since 2008.

IDRN is a very useful tool as it provides necessary information about equipment, human resources and critical supplies, which are available at district level with the line departments and agencies. The state and district authorities can use IDRN during any emergency situations to get the updated information of all the available resources in time which will be extremely helpful in minimising loss of life and damage of property and other infrastructure during any emergency situation.

Key uses of IDRN are

- Identifying existing human resources and equipment along with its location and other details.
- Resource mapping for preparation of contingency plans and Disaster Management Plans at District and State level.
- Assessing level of preparedness.

How IDRN Works

IDRN portal is currently monitored and maintained by NIDM centrally. Role of NIDM is limited to user administration. State Department of Relief/ Revenue/ Disaster

Management and SDMA coordinate with District Magistrate/District Collectors regarding updating of data in IDRN portal. District Collector/Magistrate are the authorized officer for facilitating data collection and updation at the district level. Data collection formats are distributed from District Collector office to the line departments/agencies. Data entry is to be done at the district level, availing the technical services of District Informatics Officers of NIC.

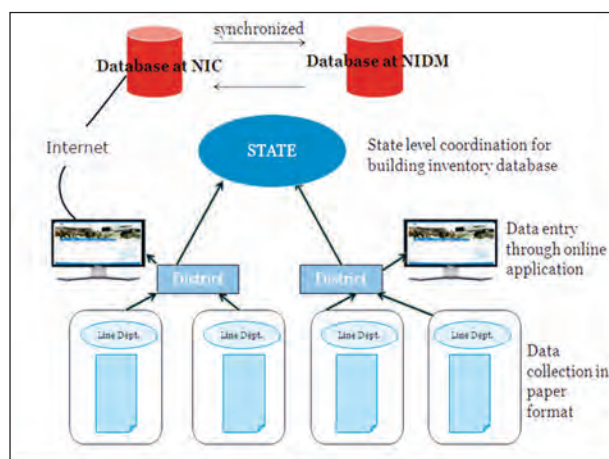


Figure 4.2: Schematic Diagram depicting Functioning of IDRN

IDRN Progress during 2013-14

IDRN Portal attained a new impetus in the year 2013-14 in terms of technical development, increasing awareness as well as data updating status. Regional Training Programmes on India Disaster Resource Network started at NIDM since April 2013 and 4 regional courses were organized in the year 2013-14. Besides IDRN got a place in National Level Forums of importance like Annual Conference of Relief Commissioners organized during the First Session of the National Platform for Disaster Risk Reduction, NPDRR in the May 2013. IDRN has been introduced to Advanced Professional Programme in Public Administration

(APPPA) participants and also during the Annual Training Conference in the year 2013. IDRN has become a part of all training programmes of NIDM.

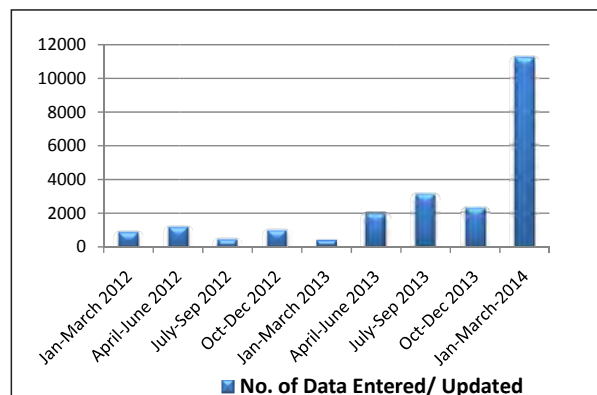


Figure 4.3: Bar chart depicting the status of data updation till March 2014

Key achievements

- IDRN portal with separate interface of data access and data updation were created. The portal is revamped and can be accessed using browsers like Google chrome, Mozilla, higher version of Internet explorer etc. Home page of the portal is redesigned to make it more user-friendly. District pages are created for all 640 districts.
- Follow up with all the states and UTs has been done and user administration issues including user name, password, creation of pages etc were solved to the best possible extent. All the states and UTs are entering data in IDRN. Many states viz. Punjab, Tripura, Rajasthan and UT of Puducherry all districts are updating data.
- Four IDRN regional training programmes were organised and imparted hands on training to 129 participants. Besides sessions on IDRN was included in all the relevant training programmes organised at NIDM.

- Road map for future development of IDRN has been developed.

4.2. India Disaster Knowledge Network (IDKN)

India Disaster Knowledge Network (IDKN) is a web portal, that offers a broad array of resources and services, such as knowledge collaboration, networking, maps, emergency contact information system and several other valuable information related to natural disasters. It provides a platform to share knowledge and create an environment to learn about disaster management through interactive process.

4.2.1. Objectives

Goal of IDKN is to create an easy-to-use unified point of access to Disaster Management Knowledge and Services and hence an accelerated and improved quality of Response. Key objectives of the portal are:

- Provide consolidated source of disaster-related information and services. Information includes the definition of different hazards its Geographic distribution, Vulnerability of India (state level), Preparedness and Mitigation measures etc.

- Creating awareness about disaster management at all levels
- Provide a platform to share knowledge and create an environment to learn about disaster management through interactive process.

4.2.2. Present Status of IDKN

The knowledge network was initiated in 2004 under Government of India-UNDP disaster risk mitigation program. The portal was formerly transferred to NIDM by Ministry of Home Affairs in the year 2008. It was integrated with regional knowledge network which is South Asian Disaster Knowledge Network (SADKN), a joint initiative of SAARC Disaster Management Centre and United Nation International Strategy for Disaster Reduction launched during the Global Platform for Disaster Risk Reduction, May, 2011. NIDM is the national focal point for IDKN, the India portal under the SADKN. Now the institute has initiated the Process of Developing a National Level Disaster Risk Reduction Knowledge Portal. A detailed proposal with site map and proposed contents and knowledge sharing tools were developed by Feb 2014. Once fully functional the portal will integrate various existing ICT initiatives of the institute.



Figure 4.4 : IDKN page under the SADKN Portal



Figure 4.5 : Proposed home page of NDRRP Portal

4.3. Virtual private networking under Disaster Management Support Program of Indian Space Research Organization (ISRO)

The Disaster Management Support (DMS) Program of ISRO, provides timely support and services from aero-space systems, both imaging and communications, towards efficient management of disasters in the country. The DMS program address disasters such as flood, cyclone, drought, forest fire, landslide and earthquake. These include creation of digital data base for facilitating hazard zonation, damage assessment, etc., monitoring of major natural disasters using satellite and aerial data; development of appropriate techniques and tools for decision support, establishing satellite based reliable communication network, deployment of emergency communication equipments and R&D towards early warning of disasters.

Towards providing emergency communication for disaster management activities, and at the



Figure 4.6: Videoconferencing Session with National Remote Sensing Agency.

behest of Ministry of Home Affairs (MHA), ISRO has set up a satellite based Virtual Private Network (VPN) linking the National Control Room at MHA with DMS-DMC at NRSC, important national agencies, key Government Offices in Delhi and control rooms of 22 multi-hazard-prone States. Training node of VPN has been set up at NIDM since 2006 and the facilities used for interaction with agencies like NRSC, GSI, INCOIS etc. during past training programs at NIDM.

Chapter 5

Documentation and Publications

Information is regarded as a resource, which contributes to the achievement of organizational goals. The value of information as an asset is maximized through its effective management. One of the mandates of NIDM is to make concerted efforts on a continuous basis to effectively manage the disaster management and development related information to support the training, research and consultancy activities of the Institute. The services provided by NIDM library are:

- Acquisition work
- Reference and referral work
- Circulations work
- Periodical work
- Library automation
- Photocopy work.

5.1. Information sources available

Books

Library of NIDM is expanding. The institute makes special efforts to collect the literature published on disaster and development and allied aspects by the government, research and training organizations, both at the national and international level and also the literature published commercially. During the period under review the library has acquired a total of 1897 books and other documents. Most of the books have been uploaded at DELNET (Delhi Library Network)

Periodicals

During the period under review, NIDM has subscribed to 18 journals and magazines,

both Indian and foreign, dealing with disaster, environment and development and allied aspects. NIDM also receives one journal on exchange and complimentary basis and have subscribed about nine newspapers of different types.

CD Rom / Video Cassettes

NIDM has been realizing the importance of audio-visual materials as sources of e-information and is developing the collection of CD-ROMs and video cassettes. In the present year NIDM library added six CDRoms to its collection.

Table 5.1: Library Statistics from April 2013 to March 2014

S. No.	Content	Total
1	Total stock as on 31-3- 2014 (Including books, Children's books, and bound volumes of periodicals, video and CDs)	2014
2	Total intake of books during the year ending	143
3	Periodicals Subscribe	05
4	Periodicals received on exchange	02
5	Newsletters on gratis	10
6	Number of newspapers subscribed	09
7	Number of Magazine subscribed	12
8	Inter library loan	03
9	Research Scholars visited library	180
10	Number of books uploaded at DELNET (Delhi Library Network)	1800

5.2. Information Dissemination

The Institute has a mandate to disseminate information on disaster and development. In fulfilling the mandate, the Institute regularly brings out a biannual journal, a quarterly newsletter, research highlights, and course modules, recommendations of seminars and workshops and disaster development statistics. The publications serve the policy makers in providing the feedback on ground realities, offer suggestions and guidelines for better planning and management of disaster and development programmes.

5.2.1. Training Modules and books

During the year 2013-14, 13 training modules and books were published. Details of modules, books and other publications developed are enumerated below.

5.2.1.1. Training Modules Published by NIDM

1. Incident Response System: Logistic Section

NIDM, 2014

Logistic Section provides all logistic support for effective response management. The Units under different Branches of the LS are responsible not only for the supply of various 'kinds' and 'types' of resources, but also for the setting up of different facilities like the Incident Base, Camp, ICP and Relief Camp etc. This would entail the involvement of several line departments of Government and other agencies. It would require a proper and smooth coordination at the highest level of the administration. The Finance functions include: manage all financial aspects of an incident; provide financial and cost analysis information as requested; develop an operating plan for

the Finance branch; fill supply and support needs; maintain daily contact with agency administrative headquarters on Finance/Administration matters; ensure that all personnel time records are accurately completed and transmitted to home agencies, according to policy and provide financial input to demobilization planning.

2. Incident Response Section: Operation Section

NIDM, 2014

The Operations Section Chief is responsible for tactically executing the Incident Action Plan (IAP) in a safe and effective manner to achieve established objectives. In accomplishing tactics, the OSC mitigates or controls the emergency and is accomplishing the primary mission of emergency response. The OSC must be a leader, manager, coordinator, and most important of all, an excellent planner. Effective and respected leadership of emergency

workers is a primary role of the OSC. The best OSCs will lead by positive example and be team players. Workers will follow their OSC's example and be motivated by their Chief. Additionally, the OSC must effectively manage and coordinate all kinds of resources, often numbering into the hundreds. Also, the OSC must not only supervise or lead emergency workers, but also must plan tactical activities for future operational periods. The job is very complex and demanding. In addition, the OSC must be a frugal, cost-effective manager of costly taxpayer-supported resources.

3. Incident Response System: Integrated Planning Section Chief

NIDM, 2014

Planning is a very important management function in the Incident Response System as a

proper planning process is absolutely essential for effective operation and overall response, enabling the incident management teams to achieve the incident objectives. While analyzing the Incident command system for its integration into our response system, with appropriate adaptations, Planning section was taken up with utmost interest, as in many of our response to incidents, elaborate planning mechanism does not exist in all instances and it becomes specially very critical in cases of complex incidents. While developing the courses and training strategies for IRS, a first level of adaptation is development of such integrated course itself. Normally, in original system, there are separate courses for the four units in the Planning section e.g. Resource Unit, Situation Unit, Demobilization unit & Documentation Unit and after their completion, one takes up the Planning section course. In view of our conditions and length of these courses to meet a practical timeframe, it has been decided to rearrange the materials, reducing the overlaps (which would have been essential if these courses were to be run separately at different points of time) and to develop an integrated course. Thus, this is called Integrated Planning Section Course consisting of the following sub courses: I. Planning Section Chief, II. Resource Unit Leader, III. Situation Unit Leader, IV. Demobilisation Unit Leader, V. Documentation Unit Leader.

4. Incident Response System: Basic and Intermediate

NIDM, 2014

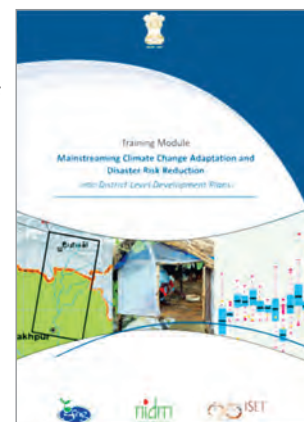
The IRS broadly refers to a management system to be used for incidents of various kinds and sizes such as earthquakes, floods, cyclones, landslides etc. or emergencies caused by train accidents and epidemics. The system provides scope to organise various functions, tasks

and staffs within the overall response process while emphasising greater coordination and communication among different organisations involved. ICS as a system is flexible and adaptable to suit any scale of natural as well as man-made emergency/incidents. It can be useful for routine emergencies such as road and train accidents and for large, complex multi-jurisdictional disasters.

5. Mainstreaming Climate Change Adaptation and Disaster Risk Reduction into District Level Development Plans

Authors: Anil K. Gupta, Sreeja S. Nair, Shiraz A. Wajih, Shashikant Chopde, Gautam Gupta and Garima Aggarwal, 2014

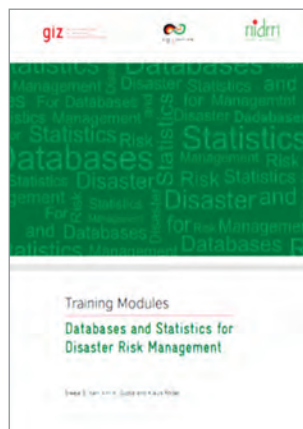
The module provides a practical avenue to move away from relief and disaster centric approaches to a more holistic resilience building process by integrating CCA and DRR into District Development Plans. This training manual will guide a trainer through a step-by-step process to address these capacity gaps. It explains in a lucid way the core and emerging concepts in the field of DRR and CCA including the Climate Resilience Framework (CRF) drawn based on evidences and experiences from 10 cities under the Asian Cities Climate Change Resilience Network (ACCCRN) program and CDKN START. Specifically, the manual presents how the CRF has been applied in practical context of Gorakhpur district through carefully facilitating an iterative process of shared learning with different departments to first enhance understanding of key elements of vulnerability.



6. Databases and Statistics for Disaster Risk Management

Authors: Sreeja S.Nair, Anil K. Gupta and Klaus Roder, 2013

This module is developed under the NIDM-GIZ, eKDRM Project of NIDM and GIZ, Germany. The module covers extensively on various aspects of hazard, disaster and resource databases and how to access, collate and use the information for various phases of Disaster Risk Reduction. Aim of these modules is to enhance the synergy between the data producers and the user community. The training modules are tested during the face to face training, blended learning and ToT programmes during 2010–13 at NIDM. This document contains four modules and 13 Learning Units. Module “A” gives an overview of Disaster data and statistics concepts and its applications in disaster risk management. Module “B” provides an introduction to statistical terminologies and methods e.g. Measures of Central tendency, dispersion etc. Module “C” is on use of statistical information on recent and past disasters for Disaster Risk Management. Module “D” is on understanding the causes and effects of disasters.



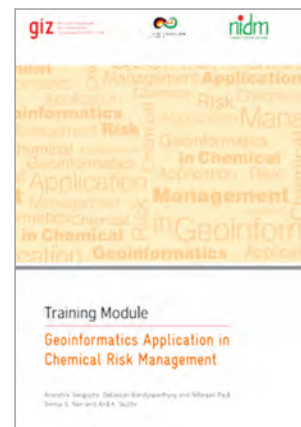
7. Geoinformatics Applications in Chemical Disaster Management

Authors: Anandita Sengupta, Debanjay Bandhyopadhyay, Nilanjan Paul, Sreeja S.Nair and Anil K Gupta, 2013.

Aim of this training module on “Geoinformatics Applications for Chemical Risk Management” is to provide theoretical and practical inputs

that will encourage the application of Geographical Information Science (GIS) and Remote Sensing (RS) for management of risks originating from hazardous chemical industries and storage facilities. The module “Geoinformatics

Applications on Chemical Disaster Management” is developed by the faculty members of NIDM, SENES Consultants India and researchers of Faculty of Geo-information Science & Earth Observation, University Twente, the Netherlands under the Indo German Cooperation Project ekDRM. This module is organized in 6 Learning Units. Learning Unit ‘1’ is on introduction to Chemical Disaster Management and applications of Geoinformatics; Learning Unit ‘2’ is on Geoinformatics Basics; Learning Unit ‘3’ is focused on Regulatory and Institutional Framework for Chemical Risk Management with emphasis on use of Geoinformatics; Learning Unit ‘4’ provide details of Chemical Risk Management Practices with examples from India and Europe; Learning Unit ‘5’ focuses on Chemical Emergency Management and applications of Geoinformatics tools; and Learning Unit ‘6’ is on Risk Sensitive Land use Planning. This module has an extensive hands on training manual with step-by-step demo of various Geoinformatics tools used in Chemical Risk Management. This module is extremely useful since all the hands-on-exercises are developed using user friendly, open-source and widely used softwares like Quantum GIS, ALOHA, MARPLOT and Google Earth.



8. Critical Infrastructure and Disaster Risk Reduction

Authors: Claudia Bach, Anil K Gupta, Sreeja S. Nair, and Jorn Birkmann, 2013

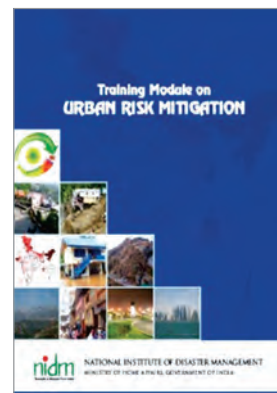
This module is developed under the NIDM-GIZ, eKDRM Project of NIDM, the Institute for Environment and Human Security of the United Nations University and ifanos Germany. This module provides an introduction to disaster risk reduction of critical infrastructures (CIs) and an overview on the key issues in CI vulnerability reduction. The module is structured in three learning Units: (i) Learning Unit A: Understanding Critical Infrastructure; (2) Learning Unit B: Vulnerability of Critical Infrastructure to Disasters; and (3) Learning Unit C: Methods of CI Vulnerability Assessment. Learning Unit A deals with definitions of critical infrastructures, underscores the relevance of this sector and gives first examples of indicators for CI vulnerability. Learning Unit B offers a closer look at natural hazards and their specific effects on CIs; A concept for vulnerability assessment is presented and discussed in the Learning Unit C. In addition, the relevance of CI vulnerability for India in particular has been brought in the perspective. The module covers a variety of important factors of critical infrastructure which itself is a complex topic due to interdependencies of different sectors with hazard specific assessment examples and outlines some potential adaptation strategies. Overall, the publication is meant to provide a first overview of the importance of infrastructure services and their consideration in disaster risk reduction, while also presenting potential assessment methods and frameworks.



9. Urban Risk Mitigation

Author: Chandrani Bandyopadhyay

The training module on Urban Risk Mitigation focuses on various aspects of disaster risks in urban areas. Factors like concentration of population, economic activities, building activities and networks in urban areas result in aggravated risk from disasters and at times, these factors end up causing disasters as well. The training module aims to capture the specific issues in urban risks and their mitigation. In the five day full-time program, the trainees are oriented towards the major facets of urban risks and their mitigation.



5.2.1.2. Books Published by NIDM

Strengthening Climate Resilience through Disaster Risk Reduction Approach in Andhra Pradesh and Tamil Nadu in India-Experience and Lessons

Authors: Anil K Gupta, Sreeja S. Nair, Swati Singh, Ashish Chaturvedi, Rachna Arora, Manjeet Singh Saluja, Nikita Mundra and Heike Mewes, 2014

This technical paper is based on pilot implementation of CCA integration with disaster management and risk reduction planning framework of AdaptCap jointly with NIDM. The issues of integrating climate change into national



and local development policies and plans which combines activities at the local, state and national levels and uses top-down as well as bottom-up dynamics.

4. India Disaster Report 2012

Editors: K.J. Anandha Kumar and Ajinder Walia

The National Institute of Disaster Management (NIDM) initiated the process of documenting major disasters under the title of “India Disaster Report” in 2011. The India Disaster Report (IDR) 2012 is documented based on primary and secondary data which was collected time to time.



The IDR 2012 contains causes and effects of disasters, analysis of affected areas, response and rehabilitation and the lessons learnt from these disasters. With its release on 6th January 2014 it is expected that these efforts of compilation of disaster data and its analysis would provide valuable information and trends on the occurrence of disaster and their impact on the society, which will further be used for disaster risk reduction.

5.2.2. Newsletter

The NIDM Newsletter “Tidings” is a quarterly publication. It highlights the recommendations of various training programmes, seminars and workshops, which are undertaken by NIDM on a regular basis. Besides giving advance publicity on the training



programmes scheduled for the next two months, the Newsletter covers the news of faculty development, success stories, visits and delegations etc. Through this medium, NIDM maintains regular contacts with state ATI's, academic institutes, concerned government departments and NGOs. Since the release of first issue of newsletter by NIDM in 2004, 41 issues had been published till date. Four issues of Newsletter from April 2013 to March 2014 were brought out during the year.

5.2.3. Journals and Periodicals

The Institute publishes a bi-annual Journal titled “Disaster & Development”. The first issue of the journal was released by Dr. Manmohan Singh, Hon'ble Prime Minister of India at the inaugural function of the First India Disaster Management Congress on 29th November 2006 at Vigyan Bhawan, New Delhi. Since then, the journal is one of the leading academic publications of NIDM. Nine issues had already been published covering different aspects of disaster management from India as well as other countries. Nine journals covering different themes of disasters have been published by NIDM.

5.2.4. Monthly Updates

NIDM keeps updating about the recent activities including training programs, workshops, seminars, field visits and all other activities regularly through monthly updates. Besides giving advance publicity on the training programmes scheduled for the next months, the monthly updates covers the news of faculty development, success stories, visits and



delegations etc. Through this medium, NIDM maintains regular contacts with state ATI's, academic institutes, concerned government departments and NGOs. This activity was initiated in October 2013, and during the year NIDM came out with six monthly updates. These are regularly updated on the website and can be downloaded from <http://nidm.gov.in/mupdate.asp>.

5.3. Information Education and Communication (IEC) materials

The Institute has a mandate to disseminate information on disaster and development. In fulfilling the mandate, the Institute regularly brings out a biannual journal, a quarterly newsletter, research highlights, and course modules, recommendations of seminars and workshops, disaster development statistics and various information and education materials. The publications serve the policy makers in providing the feedback on ground realities, offer suggestions and guidelines for better planning and management of disaster and development programs. To generate information and awareness on various disasters and their management, NIDM regularly come up with IEC materials along with various awareness generation activities and programs. These tools are available on NIDM website and can be accessed at <http://nidm.gov.in/iec.asp>. IEC material developed by NIDM can be freely used by various stakeholders working in the field of disaster management and can be translated into different languages for wider dissemination. Detail of awareness materials developed by NIDM is as below:

5.3.1. Leaflets

1. NIDM Leaflet (in Hindi)

The pamphlet covers brief information about the institute, its management structure, vision

and mission of the institute, its functions, types of training and information about various other activities of NIDM. The leaflet is available in Hindi as well as English.

2. Heat Wave -Safety Tips (in English and Hindi)

The pamphlet covers safety tips about do's and don'ts of Heat Wave. The leaflet is available in Hindi as well as English along with images. Disseminated in various awareness campaign organised by NIDM from time to time and also published in vernacular newspapers occasionally.



3. Cold Wave (Safety Tips)

The pamphlet covers safety tips about do's and don'ts of Cold Wave. It is available in Hindi as well as English language along with images. Disseminated in various awareness campaign organised by NIDM from time to time and also published in vernacular newspapers occasionally.



4. Flood safety tips

The leaflet covers safety tips about various do's & don'ts of Flood along with images. It is available in Hindi as well as English language for wider coverage. Disseminated in various awareness campaign organized by NIDM from time to time and also published in vernacular newspapers occasionally.



5. Earthquake safety tips-1 & 2

The Leaflet, available both in English as well as Hindi, covers safety tips about various do's & don'ts of Earthquake along with images. The pamphlet is available in two parts for detail coverage before, during and after of the disaster. Disseminated in various awareness campaign organised by NIDM from time to time and also published in vernacular newspapers occasionally. This pamphlet is particularly meant for school safety and distributed to various schools under School Safety Programme.



6. Fire safety tips

The Leaflet, available both in English as well as Hindi, covers safety tips about various do's & don'ts of Fire Hazard along with images for better understanding. Disseminated in various awareness campaign organised by NIDM from time to time and also published in vernacular newspapers occasionally.



7. Do's & don'ts for Fire safety in School

Pamphlet in Hindi language, showing detailed information about various do's & don'ts for Fire disaster in School along with images. Disseminated in various awareness campaign organised by NIDM from time to time and also published in vernacular newspapers occasionally.



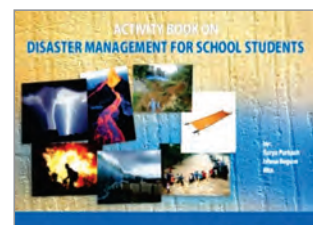
8. IDRN Leaflet

India Disaster Resource Network (IDRN), a web based information system, is a platform for managing the inventory of equipments, skilled human resources and critical supplies for emergency response. The primary focus is to enable the decision makers to find answers on availability of equipments and human resources required to combat any emergency situation. This database will also enable them to assess the level of preparedness for specific vulnerabilities. The leaflet covers details about the network, need and objectives, structure and usage.



9. Activity book on Disaster Management for School Students

This document highlights salient features like vulnerability maps of various natural disasters and practical work activities for students with an objective to create awareness among students about disaster and its management. Disseminated in various awareness campaign organised by NIDM from time to time and also distributed in schools for wider publicity.



10. School Safety Tips

Leaflet showing the need of creation of school safety plans across the country and motivate school children towards disaster resilient environment. A colourful and attractive advertisement also published in



newspapers from time to time and distributed in schools in various awareness campaign as organised by NIDM.

11. Earthquake Snakes & Ladders Game (Ludo)

This is a multiplayer innovative game to make children aware about various do's & don'ts for Earthquake through an interesting Snakes & Ladders Game (Ludo). Disseminated in various awareness campaign organised by NIDM from time to time and also distributed in schools for wider publicity. It is also distributed in training programmes organised by NIDM.



12. Calendar

The calendar (desk and wall) discusses about NIDM and its vision & mission. It also highlights various common disasters (season wise) and Do's & Don'ts to safeguard lives, property and environment.

13. Disaster Reduction Day

Leaflet for the Disaster Reduction Day, an annual event observed by NIDM to promote disaster reduction activities among various communities across India. The United Nations' (UN) International Day for Disaster Reduction is observed every year to raise the awareness about disaster risk reduction. It also encourages people and governments to participate in building more resilient communities and nations. It is necessary to create awareness among students about disaster preparedness and mitigation measures so that they are well prepared to face disaster situation.

14. Do's and Don'ts for common disasters

Leaflet of 16 pages containing do's and don'ts before, during and after disasters for common

disasters like Earthquake, Flood etc. Disseminated in various awareness campaign organised by NIDM from time to time and also distributed in schools for wider publicity. It is also distributed in training programmes conducted by NIDM.



5.3.2. Documentaries

Documentary film is one of the most important medium of awareness generation and brings change among large stakeholders. NIDM has developed six documentaries on various disasters and workshops proceedings. These documentaries have also been uploaded on YouTube for wider dissemination. The documentaries detail is as below:

1. NIDM Documentary

This is a documentary about NIDM showing genesis of the Institute, its vision, mission,



functions and role of the institute in the field of Disaster Management. The film highlights the endeavor of the institute to facilitate training and capacity development in disaster management. It also highlights the Institute's state-of-the-art facilities like class rooms, seminar hall, a GIS laboratory and video-conferencing facilities etc. The Institute has a well-stocked library exclusively on the theme of disaster management and mitigation. Various modes of trainings like face-to-face, on-line and self-learning mode as well as satellites based training have been captured in the documentary. The film also highlights

ongoing projects of NIDM, different workshops and seminars as well as various awareness generation activities conducted by NIDM.

2. Home Owners Recipe for Earthquake Preparedness

This documentary highlight detailed information about Earthquake, different structural systems, effects of earthquake, do's & don'ts regarding before, during & after earthquake etc. It is a ready reconer for home dwellers which serve as a reference tool to sensitize citizens about the issues concerning preparedness measure for an earthquake. The film highlights different seismic zones of the country indicating the intensity of damage and frequency of earthquakes country has faced in the past. The film emphasizes preparedness and mitigation measures should include retrofitting of life-line buildings for not only saving lives of the vulnerable people, but also to ensure prompt and efficient response to disasters. Small step at home place can reduce disaster and save million lives.



3. Disaster Management Play by School Children

Generating awareness on various aspects of disaster management is one of the mandates of NIDM and school children are excellent medium of dissemination. This documentary captures the play performed by school students on various aspects of disasters and its management. The film very well



captures the theme of disasters like flood, earthquake, tsunami, cyclone in a lucid and colourful way. The performance of students are praiseworthy.

4. Lake Outburst and Flash Floods: Uttarakhand 2013

A documentary compiled by NIDM from various sources highlights causes and impact of Uttarakhand Disaster during 16



and 17 June 2013 due to heavy precipitation, landslides, lake bursting and flash floods that killed hundreds of people including the local community and pilgrims, damaged buildings, roads, infrastructure, utilities and affected adversely the livelihood, economy and environment in the area.

5. Cyclone Phailin 2013

A documentary compiled by NIDM from various sources highlights causes and impact of Cyclone Phailin that struck the



coastal states of Odisha and Andhra Pradesh during the second week of October 2013. Though the cyclone was of very high intensity but early warning on time saved lives of many people living on the vicinity of the sea coast. The film highlights the promptness of response and rescue mechanisms by disaster management professionals and government.

6. NIDM Self Study Programme

NIDM offers self-study courses for general public as well as government officials and other stakeholders who have role and responsibility

of managing disasters. The courses under the programme could be accessed by anyone from anywhere in the country as per his/her convenience in flexi time free of cost. The aim of these courses is to create interest and raise the level of knowledge, skill and awareness on disaster management. Ten self study courses are developed under this program. Content development is completed for all courses and three courses are available online with slideshow and audio-video interaction.



5.4. Inputs for Plans

5.4.1 National Plan for Disaster Management (NDMP)

Disaster Management Act 2005 provides for the preparation of Disaster Management Plan at National, State, District and Local level. Disaster Management Plans, as envisaged in the National Disaster Management Policy (2009) has to include hazard-risk and vulnerability profile for natural and man-made disasters, prevention and mitigation, emergency response and human resource capacity building. National Executive Committee (NEC) on Disaster Management which is chaired by the Union Home Secretary, is responsible for preparation of National Plan in a participatory mode with contributions from all relevant Central Ministries, State Government and other institutes/agencies, to be submitted to the National Disaster Management Authority for its approval. After the Uttarakhand disaster 2013, Central Government decided to prepare the National Plan for Disaster Management. Dr. Anil Kumar Gupta, Associate Professor and Head of Policy Planning Division and Ms. Sreeja S Nair, Assistant Professor, have been engaged

by NEC for developing the plan document, in coordination with the Joint Secretary (DM) and the Nodal Officers for Disaster Management in different Central Ministries, and other officials in the Ministry of Home Affairs Disaster Management Division, ED NIDM, etc. Plan included (i) National Disaster Mitigation Plan, (ii) Disaster Response Plan, and (iii) Human Resource Capacity Development Plan. Final draft document of National Disaster Management Plan was approved by the National Executive Committee on Disaster Management in its meeting held in October 2013 Chaired by Mr. Anil Goswami, Union Home Secretary, and was forwarded to NDMA for approval. The Plan emphasizes on approaches of mainstreaming DRR across various schemes and programmes and all the sectors of development at all levels in the country. Emergency Response Plan envisaged various activities to be coordinated during disasters for rescue and relief, and preparedness for these interventions with roles and responsibilities of different Departments, Ministries and organizations. Plan document has been circulated to all important stakeholders and comments and inputs were incorporated in the final version. A component on Post-disaster recovery framework planning has also been incorporated on the suggestions from State Governments.

5.4.2 Perspective Plan for Strengthening & Expansion of NIDM (2014-18)

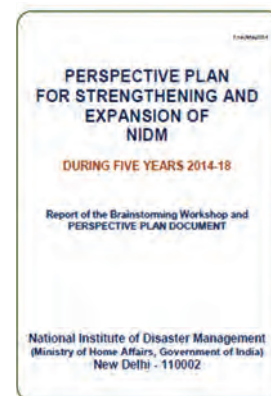
Looking to the growing need and demand for capacity building, training and research actions relating to various aspects of disaster management and risk reduction in the country, strengthening of the National Institute



of Disaster Management has been highlighted by the First General Body Meeting of NIDM which was chaired by Hon'ble Union Home Minister. Governing Body of NIDM directed for the preparation of its Perspective Plan for strengthening and expansion during next five years, in consultation with NDMA and other stakeholders. Coordinator of the Technical Advisory Committee of NIDM, Dr. Anil Kumar Gupta, Head of the Policy Planning and Training Divisions, has been entrusted the task of developing NIDM's Perspective Plan. The draft Plan has been prepared based on the policy research on the guidelines in this regard from the National Human Resource Plan 2012, and other National Guidelines of NDMA, National Policies, University and Professional education system, Central Civil services trainings and the institutional framework in the country at different levels. The draft Plan has been circulated to all important stakeholders for review and comments and a National Consultation Workshop has been organized at NIDM on 17th January 2014 to discuss and finalise the decisions regarding perspective plan of NIDM. The consultation workshop sessions were Chaired by Chairman of TAC of NIDM Dr. Harsh Kumar Gupta, Hon'ble Member of NDMA and Dr. Muzaffar Ahmad, Hon'ble Member of NDMA. Senior officials from various Ministries, States, Organizations, Institutes, UN Agencies, etc. participated in the meeting and contributed to finalizing the provisions in the plan. The plan has been annexed with an action plan envisaged in three phases of its implemented during 2014-18, viz. immediate (re-organization of NIDM faculty), short-term (career advancement of faculty and creation of posts, and expansion of activities), and medium-long term (filling up vacancies, establishing new centres and expansion of activities and institutional network).

5.4.3 Human Resource Plan for Disaster Management (2012)

Human resource development is the most important aspect of disaster risk reduction. Development of knowledge and skills among professionals, educators, field personnel and community members are crucial in mainstreaming disaster risk reduction and improving preparedness to deal with disasters and emergencies. Education, training and awareness at different levels and across various sectors of society in a systematic and planned way enables improvements in analysis, planning, monitoring and overall coordination of various functions throughout the disaster management cycle. Disaster Management Act 2005 of India, prescribes for NIDM to develop and implement the National Human Resource Plan for Disaster Management.



A framework in which the Government of India and its disaster management institutions have laid out the action plan for reducing the country's vulnerability to potential hazards that are relevant to India, including: environmental disasters such as earthquake, landslide, flood, drought, cyclone, cold wave, heat wave, chemical disaster, fire, epidemic or pest attack; technological and sectoral disasters; as well as civil, war and festival-related disasters, has served the basis of National Human Resource Planning.

Through this National Framework of education and training at national, state and district levels, the mainstreaming disaster mitigation into

the development process and emphasized the on climate-change awareness, incorporating institutional mechanisms, disaster prevention strategies, early warning systems, disaster mitigation, preparedness and response and human resources development. The plan highlights the following steps: (i) assessing current disaster risk reduction practice; (ii) identifying needs not met by the current practice; (iii) analyzing institutions to assess their vulnerability in the face of a hazard; (iv) identifying needs in capacity development; (v) prioritizing training and educational needs; (vi) formulating a budget for improved disaster management practices; and (vii) setting a time frame for improvements in risk reduction through education and training interventions. The Human Resource Plan has been developed by Dr. Anil Kumar Gupta, Associate Professor of the Institute with inputs/review and in consultation with UNDP-DRR Programme, Bureau of Crisis Prevention and Recovery, ED NIDM Dr. Satendra, Prof. Santosh Kumar and other faculty members, besides other institutes and agencies at Central and State Government levels, in the year 2011-2012.

5.5. Field Visits and Documentations

5.5.1. NIDM Team Visited Flash Flood Affected Areas of Uttarakhand

NIDM has initiated the documentation process of Uttarakhand disaster with an objective to understand the causes, impact and lessons learnt from this disaster. To compile primary information about the disaster including views of various stakeholders, NIDM team visited Uttarakhand disaster affected areas twice. The first visit was made by Dr. Surya Prakash, Associate Professor during June 22-24, 2013. During the visit Dr. Prakash made observations

about the causes and impact of the disaster, including the rescue and relief operations being carried out by the Army, para-military forces, NDRF, local administration, etc. The second visit was carried out by a team of experts consisting of Executive Director, Dr. Satendra, Prof. Chandan Ghosh, Associate Prof. Dr. Surya Prakash and Consultant Shri Ashok Kumar Sharma during July 10-14, 2013. The team extensively visited the affected areas, interacted with various stakeholders, role players including policy makers, administrators, academicians, responders, etc. To collect basic primary information from various stakeholders / role players, NIDM developed questionnaires of 7 categories and extensive survey was carried out under the leadership of Shri Ashok Kumar Sharma, Consultant, NIDM. The primary data collected from these different categories will be analyzed and incorporated in the final document to be developed by NIDM. Mr. Manas Dwivedi, Junior Consultant of NIDM, visited disaster affected areas of Rudraprayag, Sonprayag and Kedarnath of Chamoli & Rudraprayag district during 12-21 October. Objective of the visit was to carry out post disaster societal analysis, including psycho-social impact assessment of affected population. During the visit Mr. Dwivedi had several interviews with eye witnesses of disaster (rest house owners, managers & community) in the Kedarnath area, Triyuginarayan village, Guptakashi, Ukhimath, Sonprayag, Bhimbali, Gopeshwar, Joshimath & Badrinath. Societal analysis of various aspects covering livelihood recovery, local economic structure, household coping strategies, impacts on social relation & cohesion, relief, recovery etc. were carried out through PRA. NIDM has developed a detailed documentation on the Uttarakhand Disaster Impacts and Lessons Learned.

Mr. Manas Dwivedi, Junior Consultant of NIDM, visited disaster affected areas of

Rudraprayag, Sonprayag and Kedarnath of Chamoli & Rudraprayag district during 12-21 October. Objective of the visit was to carry out post disaster societal analysis, including psycho-social impact assessment of affected population. During the visit Mr. Dwivedi had several interviews with eye witnesses of disaster (rest house owners, managers & community) in the Kedarnath area, Triyuginarayan village, Guptakashi, Ukhimath, Sonprayag, Bhimbali, Gopeshwar, Joshimath & Badrinath. Societal analysis of various aspects covering livelihood recovery, local economic structure, household coping strategies, impacts on social relation & cohesion, relief, recovery etc. were carried out through PRA.

5.5.2 Field Visit to Cyclone Phailin Affected Areas

Dr. Surya Prakash, Associate Professor, NIDM visited the cyclone hit areas of Odisha coast during 28-30 of October to carry out a brief

study of the event (Phailin cyclone followed by floods), its impacts, actions taken by different stakeholders in pre, during and post-disaster situations, lessons learnt etc. The field visit was limited to some of the coastal areas to get an insight of the ground conditions and interaction with different people, who have been affected directly or indirectly by the cyclone. Dr. Parkash visited Bhubneshwar, Chhatrapur, Berhampur, Gopalpur, Nuagaon, Khurda, Puri, Dakshinpatalanagar, Jagatsinghpur and Katak. Meetings were held with the OSDMA, Revenue and Disaster Management, officials of district administration including health & education sector, women and child welfare department, Inter-Agency Group (IAG), Indian Red Cross, NGOs, CBOs, village committees, fishermen and women groups, school teachers/students, affected population etc. NIDM is in the process of developing the detailed report on Cyclone Phailin, including lessons learned.



5.2 Dr. Surya Prakash interacting with members of Inter-Agency Group at Bhubaneswar.

Chapter 6

Major Events Workshops/ Conferences/ Seminars and Other Outreach Activities

6.1 Outreach Activities

6.1.1. First Session of National Platform on Disaster Risk Reduction

Government of India has constituted a multi-stakeholder National Platform for Disaster Risk Reduction vide Government's Resolution No.47-31/2012-DM-III dated 26th February 2013. The First Session of NPDRR was organised on the theme of "Mainstreaming DRR in Development: from Risk to Resilience" at Vigyan Bhawan in New Delhi on 13 - 14 May 2013. The session was inaugurated by Hon'ble Prime Minister of India Dr. Manmohan Singh and addressed by Shri Sushil Kumar Shinde, Hon'ble Union Home Minister, Shri M. Shashidhar Reddy, Hon'ble Vice Chairman, National Disaster Management Authority and Sh. Mullapally Ramachandran, Hon'ble MoS, Ministry of Home Affairs. The session was attended by more than 1000 delegates from Central and State Governments, NGOs, Public Sector, CBOs and other stakeholders. The session was followed by plenary session with the theme "Mainstreaming DRR in Development: Achievements and way Ahead".

The plenary session was followed by 6 thematic sessions: (i) Harnessing Technology for DRR (ii) Making Our Cities Safe (iii) Risk Financing mechanisms (iv) Long Term Recovery & Rehabilitation (v) Public Policy and Governance and (vi) Multi-stakeholder Consultation. During



Figure 6.1. Hon'ble Prime Minister Dr. Manmohan Singh inaugurating the first session of National Platform at Vigyan Bhawan, New Delhi.

the plenary and thematic sessions, various issues related to Disaster Risk Reduction Mainstreaming in Development were discussed and views were shared by various stakeholders. A mega exhibition showcasing various products and services related to Disaster Risk Reduction was organized in collaboration with FICCI in Vigyan Bhawan Campus, where number of stakeholders, including NDRF, NIDM, GSDMA, BSDMA etc. displayed various tools, publications and IEC material related to DRR. NIDM distributed hundreds of IEC material to the visitors and this effort was appreciated by the visitors and also by the Hon'ble Home Minister Shri Sushil Kumar Shinde. Three stalls along with NIDM were awarded for their good performance in the exhibition. In addition to the first session of NPDRR and Exhibition, four Pre-events had also been organized on different themes and outcomes of these Pre-events were also amalgamated as a part of the main thematic sessions.

For the first time in the country, presence of all stakeholders across the nation on one common platform was a great effort on the part of Indian Government. Eighteen key recommendations, i.e., action points, emerged as outcome of the first session. The Secretariat of NPDRR should continue to function at NIDM and shall facilitate developing repository of information as well as to follow up on the recommendations of NPDRR and the action taken

thereof. A proceeding of the first session of the NPDRR is available at <http://nidm.gov.in/npdrr/>.

6.1.2. Van Mahotsava

NIDM in collaboration with IIPA, New Delhi celebrated “Van Mahotsav” on 30th July 2013. Van Mahotsav is an annual tree-planting festival in India, celebrated in the month of July with the objective of sensitizing people about its intricate linkages with forest and DRR leading towards environment sensitive DRR planning. On this occasion Vriksharopan programme was also organized in which many saplings were planted by Executive Director NIDM, faculty & staff members of NIDM.



Figure 6.2. Executive Director NIDM planting sapling during Vriksharopan Programme

6.1.3. Disaster Reduction Day

National Disaster Management Authority (NDMA) and National Institute of Disaster Management

(NIDM) jointly, observed Disaster Reduction Day at India International Centre, New Delhi on 9th October 2013. This was an opportunity to focus national attention on important issue of school safety, since the students are worst affected during disasters. The occasion was graced by Dr. B. Bhattacharjee, Hon'ble Member, NDMA, Emeritus Professor A.S. Arya, Member Bihar State Disaster Management Authority, Shri Krishna Chaudhary, Director General, NDRF, Shri Sandeep Rai Rathore, Inspector General, NDRF and many other dignitaries, officials & children. A Skit play on school safety was presented by students of ASN School, Mayur Vihar, New Delhi. On Disaster Reduction Day, various school students also shared their experiences on recent disaster in Uttarakhand and its impact on education.

NIDM had organized poster making & slogan writing competition in schools across the country and the prizes were distributed to the winners of the competition during the Disaster Reduction Day. Awareness material on Disaster Management developed for students by NIDM were also released during the program.



Figure 6.3. Releasing Earthquake Snakes & Ladders Game (Ludo- version 2) during the Disaster Reduction Day program

6.1.4. Release of NIDM Calendar-2014 and India Disaster Report-2012

Release function of NIDM Calendar 2014 and India Disaster Report-2012 was held at NIDM conference hall on 6th January 2014.



Figure 6.4. Release of NIDM Calendar by dignitaries on the dais

The release program saw some of the VIP's in the function, which included Shri K.M. Singh, Hon'ble Member, NDMA, Prof. V.K. Sharma, Hon'ble Vice Chairman, Sikkim State Disaster Management Authority, Ms. Sneha Lata Kumar (IAS), Secretary (BM), Ministry of Home Affairs, Dr. Satendra, E.D. etc and Dr. K.J. Anandha Kumar, Associate Professor, NIDM, who is also the backbone behind the India Disaster Report 2012. NIDM was complimented by various dignitaries on the dais for the successful release of the calendar 2014 and India Disaster Report 2012.

Dr. K.J. Anandha Kumar mentioned that the need of the disaster database was felt and hence India Disaster Report (IDR) was developed for the first time by NIDM in 2011. He added that the documentation of disasters of a given year not only helps in learning lessons out of it but also to improve our existing disaster management system. Secretary (BM), MHA, Ms. Sneha Lata Kumar (IAS) addressed the gathering and said that disasters have increased off late, citing Uttarakhand Disaster and Phailin Cyclone. She mentioned that documentation of disasters help not only learning but also in handling disaster in better way in future. Prof. V. K. Sharma appreciated the efforts of NIDM on documenting IDR and Capacity Building and said that this is one of the best things

NIDM has started. Prof. Sharma added that apart from its role in learning lessons, IDR is a good study material for those students who are pursuing studies / research in the field of disaster management. Shri K.M Singh, Hon'ble Member NDMA, appreciated NIDM's efforts for documenting disasters and also added that the calendar developed by NIDM can be very useful for common man as he/she is the first responder. He advised that even livestock plays an important role in lives of rural people and there should be a mention of effects of disaster on these animals as well in documentation. Dr. Satendra, ED NIDM promised to take steps towards Animal Disaster Management and thanked everyone present at the function.

6.2. Conferences, Seminars and Workshops

6.2.1. National Workshop on Uttarakhand Disaster 2013: Lessons Learnt

NIDM organized one day national workshop on "Uttarakhand Disaster 2013: Lessons Learnt" on Monday, August 19, 2013, at its own campus. Aim of the workshop was to share the learning experience of all the organizations involved in the rescue, relief and rehabilitation. The occasion was graced by Shri. M. Shashidhar Reddy, Hon'ble



Figure 6.5. Renowned environmentalist, Padmabhushan Shri Chandi Prasad Bhatt, addressing delegates during the workshop

Vice Chairperson, NDMA; Padma Bhusan Shri Chandi Prasad Bhatt; Shri V.K Duggal, Hon'ble Member, NDMA; Shri S.K. Mutto, Commissioner, Uttarakhand Government; Shri P.P. Srivastava, Hon'ble Member, North Eastern Council (NEC); Shri T. Nandakumar, Hon'ble Member NDMA; Shri Anil Sinha, Hon'ble Vice Chairman Bihar Disaster Management Authority; Dr. Muzaffar Ahmed, Hon'ble Member NDMA; Dr P. K. Mishra, Chairman GERC; Professor V. K. Sharma, Hon'ble Vice Chairman, Sikkim Disaster Management Authority. The other key dignitaries like Dr R. K. Bhandari and Dr. Y. V. N. Krishnamurthy also participated in the event. More than 130 participants from various government and non government organizations attended the workshop. The inaugural session started with the observation of two minutes silence for those deceased in the Uttarakhand Tragedy. Dr. Satendra, Executive Director, in his Welcome Address, briefed about mandates of NIDM and the importance of documentation of the Uttarakhand deluge. He informed that NIDM team visited twice to Uttarakhand and collected information based on extensive survey work in all the four severely affected districts. He appealed all to provide their valuable feedback in the form of exclusive article/document for inclusion the documentation. Shri S.K. Muttoo, Chief Resident Commissioner, Uttarakhand Government, expressed that NIDM should bring out all facts and figures with clarity for all to realize their faults and redevelop better. Padma Bhusan Shri Chandi Prasad Bhatt, renowned environmentalist was the "Guest of Honour". He has recalled "Chipko Movement" of 1960's and reminded everyone to redevelop Uttarakhand in harmony with the Mother Nature. Shri. M. Shashidhar Reddy, Hon'ble Vice Chairman, the National Disaster Management Authority, in his inaugural

address as Chief Guest, placed great emphasis on the NIDM's effort for the documentation of Uttarakhand Disaster and appealed everybody to stand by the objective set forth for the day long workshop. He stressed more on the coordination and integration of all national organizations/agencies towards reconstruction and rehabilitation of Uttarakhand.

6.2.2. National Workshop for State Relief Commissioners on Capacity Building Grants

A National Workshop for State Relief Commissioners on 'Capacity Building Grants' was organized by the NDMA and NIDM on 26th August at NIDM Campus. Various important issues related to the progress of utilization of grants by different states, status of formulation of SDMPs, training and capacity building etc were discussed with 32 representatives from various states during this workshop. The workshop was chaired by Shri T. Nanda Kumar, Hon'ble Member, NDMA, Dr. Muzaffar Ahmad, Hon'ble Member, NDMA, Smt. Gauri Kumar, Secretary (BM) MHA, Dr. Shyam Agarwal, Secretary, NDMA, Shri G.V.V. Sarma, JS(DM) MHA, Smt. Neelkamal Darbari, JS (Admn)



Figure 6.6. Dr. Satendra, ED NIDM; Dr. Shyam Agarwal, Secretary NDMA; Shri T. Nanda, Hon'ble member NDMA; Smt. Gauri Kumar, Secretary (BM) MHA; Shri G.V.V. Sarma, JS(DM), MHA during the inaugural session of the workshop

NDMA; Smt. Anita Bhatnagar Jain, JS(PP) NDMA; and Smt. Archana G. Gulati, Financial Adviser NDMA were the other key dignitaries, who attended the workshop. The Inaugural Session commenced with the Welcome Address by Dr. Satendra, ED NIDM, followed by the opening remarks by Shri T. Nanda Kumar, Hon'ble Member NDMA. Smt. Gauri Kumar, Secretary (BM) MHA and Dr. Shyam Agarwal, Secretary NDMA also addressed the participants during the inaugural session. The key issues discussed during the workshop were (i) Utilization of specific grants recommended under 13th Finance Commission, such as Capacity Building Grant; (ii) Grant for Revamping Fire Services; (iii) Grants for DRR under the 14th Finance Commission; (iv) Status of formulation and approval of State Disaster Management Plans / District Disaster Management Plans; (v) India Disaster Resource Network (IDRN); (vi) National Cyclone Risk Mitigation Project; (vii) recent initiatives of NIDM including Trainees Data Base and Directory of Disaster Management Resource Persons; National Portal for Disaster Risk Reduction; and issues related to financial assistance to ATIs. The workshop ended with the concluding Remarks by Smt. Anita Bhatnagar Jain, JS (PP), NDMA followed by Vote of thanks by Dr. Satendra, ED NIDM.

6.2.3. Outcome Discussion and Strategy Workshop on "Environmental Planning and Disaster Risk management (EPDRM)"

The 'Deutsche Gesellschaft für Internationale Zusammenarbeit' with the Indo-German Environmental Partnership Program (IGEP) contributed to India's national efforts for Human Capacity Development in Disaster Risk Management since 2008 with the Environmental Planning and Disaster Risk Management (EPDRM) project. The outcome and strategy workshop was organized on 22nd October, 2013 at NIDM, New Delhi, on completion of the project.



Figure 6.7. ED NIDM addressing the delegates during the inaugural session

Shri. G.V.V. Sarma, Joint Secretary (DM) MHA; Mrs. Neelkamal Darbari, Joint Secretary (Admn & Co-ord) NDMA; Dr. Dieter Mutz, Director IGEP-GIZ; and Mr. Florian B. Lux, Advisor GIZ were the key dignitaries present during the workshop. Twenty four delegates from NIDM, DMI, NCDC, NDMA, MHA and GIZ also participated in this workshop. Dr. Satendra, ED NIDM delivered the welcome address. Dr. Anil K. Gupta, Program Director- EKDRM, briefed about the workshop. Mr. Florian, GIZ, gave an overview, components, key achievements and challenges of the EPDRM.

Representatives from all the three partners of the EPDRM: Dr. Rakesh Dubey, Director, Disaster Management Institute Bhopal (DMI) (Sub-project IDRM: Industrial Disaster Risk Management - 2008-2010); Ms. Sreeja S. Nair, Asst. Professor, National Institute for Disaster Management (NIDM) (Sub-project EKDRM: Environmental Knowledge for Disaster Risk Management - 2010-2013); Shri G.S. Saini, National Civil Defence College, (NCDC) Nagpur (Sub-project CDDRM: Civil Defence and Disaster Risk Management - 2010-2013) shared their experiences of implementing the respective sub-components. Besides Dr. Ashish Chaturvedi, Program Director, Adapt Cap Project, IGEP shared the experiences of the

joint initiatives with NIDM on integrating CCA and DRR in Tamil Nadu and Andhra Pradesh.

Dr. Dieter Mutz congratulated the partner organizations for their achievements and expressed thanks to the ministries for supporting the program. Dr. Mutz further mentioned that German Government will be keen to collaborate and work together on gap areas for which proposals need to be developed by National Institutions and has to be forwarded through DEA to German Government. The session was closed with concluding remarks from Mrs. Darbari, JS NDMA. Mrs. Darbari mentioned that NDMA will extend necessary support, however partner agencies should take necessary steps to sustain the initiatives and also carry out a details need and gap area analysis. Proposals need to be developed based on the same. The session ended with vote of thanks by Dr. Anil K. Gupta, Associate Professor of NIDM.

6.2.4. Workshop/Consultation under National Cyclone Risk Mitigation Project on 3rd Oct 2013

A National level Workshop/Consultation on Training Needs Analysis, Training Gap Analysis, Quantification & prioritization of training needs, Strategy for Training Policy and accreditation method for short term DM trainings was held



Figure 6.8. National level Workshop on Cyclone Risk Mitigation Project

at NIDM on 3rd Oct 2013, wherein experts on the subject and stakeholders from project partner States participated. The workshop was basically to finalize three deliverables under the study viz. (i) SWOT Analysis report (ii) Strategic Framework for implementation of Training (iii) Report on Accreditation Process, quality management and certification method of short term DM trainings. The deliverables were also shared with participants and their inputs were sought.

First eight deliverables have been achieved and design brief of five packages of Training modules was discussed. These modules are sector specific and are based on the survey findings undertaken in the study. The sectors identified for the study are – health, education, PRI, ULB and rural development. In addition, two packages of training modules are also to be developed for Journalists, i.e. one for entry level and the other for senior journalists.

6.2.5. Orientation Program for the participants of Advanced Professional Program in Public Administration (APPPA)

APPPA course is usually arranged for senior civil service officers to carry out higher studies in the field of their interest. The duration of the course is 10 months. To familiarize the participants



Figure 6.9. APPPA Participants with NIDM Faculty Members at NIDM

with Disaster Management an orientation program was organized in NIDM, on 8th November 2013. The program was chaired by Shri Anil Kumar Sinha, Hon'ble Vice Chairman, Bihar State Disaster Management Authority, Patna. Dr. Satendra, ED NIDM welcomed the dignitaries and APPPA participants and informed about the course schedule. There were in total four sessions dealing with basic idea about the disaster management. The other dignitaries, who interacted with the participants, include Shri K.M. Singh, Hon'ble Member, National Disaster Management Authority; Prof. V.K. Sharma, Consultant IIPA and Executive Vice Chairman, Sikkim Disaster Management Authority; Dr. Surya Parkash and Dr. K J Anandha Kumar, Associate Professors NIDM. The program ended with the Valedictory Address by Shri K.M. Singh, Hon'ble Member NDMA.

6.2.6. National Training and Workshop on Disaster risk Reduction and Mainstreaming into Development Process for Joint Secretaries/ Directors of Central/State Governments

NIDM organized a National Training Workshop for Joint Secretaries and Director level officers from Central Ministries/ State Governments on "Disaster Risk Reduction and Mainstreaming into Development Process" during 11-12 November, 2013 at New Delhi. Aim of the



Figure 6.10. Inaugural Session of the Workshop on Mainstreaming DRR

workshop was to help develop capacity of ministry/ department and agencies of central and state government to draw a disaster management plan and schemes, covering all aspects of mitigation, response and capacity building.

The key objectives of the course were

- i) To sensitize and orient the delegates on implications of disasters on development and sustainability facets.
- ii) To discuss the need, approaches, tools and strategies for mainstreaming DRR into developmental planning -programs/ actions of NRM/environment sectors, infrastructure planning, social welfare, economic and industrial developments and
- iii) To acquaint with the objectives, scope and ways of integrating DRR and DM functions (mitigation, preparedness, capacity building) into various program/schemes and actions across sectors.

Inaugural session was presided by Hon'ble Member of National Disaster Management Authority Mr. V. K. Duggal, and keynote was delivered by Mr. Anil Sinha, Vice-chairman of Bihar State Disaster Management Authority. Secretary of NDMA, Mr. Shyam S. Agarwal chaired the Valedictory Session. A special panel discussion was chaired by Dr. B. N. Satapathy, Senior Advisor at Planning Commission, where in the delegates presented their group work recommendations on mainstreaming strategies for four sector clusters, viz. a) Environment and Natural resource sector, b) Social welfare program, c) Infrastructure sectors and d) Industry and commerce sectors. Dr. Anil K Gupta, Associate Professor and Ms. Chandrani Bandyopadhyay, Assistant Professor were the coordinators of the workshop.

6.2.7. Training of Trainers (ToT) Program on Disaster Management and Civil Defence

Hon'ble Prime Minister of India launched **Saakshar Bharat**, a centrally sponsored scheme of Department of School Education and Literacy (DSEL), Ministry of Human Resource Development (MHRD), Government of India (GOI). The aim is to promote and strengthen Adult Education, especially of women, by extending educational options to those adults who lost the opportunity of access to formal education and crossed the standard age for receiving such education. In later stages, apart from basic literacy five new aspect of functional literacy (Disaster Management being one of them) were added to this program. In this context, National Literacy Mission Authority approached NIDM for conducting a Training of Trainers course on disaster management and civil defence for their Key Resource Persons (KRPs). NIDM conducted this ToT course in collaboration with National Literacy Mission Authority, GoI during November 11-14, 2013. Coordinators/Asstt. Coordinators from 32 State Resource Centres of 23 States attended the program. The course module comprised of sessions on various aspects of disaster management including basic concepts and also on role of civil defence in disaster management. The lectures regarding disaster management and civil defence, during the entire course, were mainly taken by NIDM faculty. The sessions were well appreciated by the participants. The KRPs thus trained, would impart training to Master Trainers, who would train the **Preraks** (Last functionary in the chain of Literacy Mission) to disseminate such education to the community.

6.2.8. Training Workshop on "Formulation of State Disaster Management Plan" at Anna Institute of Management

A State Level Workshop on "Formulation of State Disaster Management Plan" was organized by the Department of Revenue Administration in collaboration with National Institute of Disaster Management (Ministry of Home Affairs, GoI) at Anna Institute of Management, Chennai on 13 November 2013. The aim of training program was to impart knowledge to various officials of State Govt. departments including research & training institutes on development of Disaster Management Plan for effective prevention and mitigation of the risks due to any type of disasters. Fifty five Participants from Revenue, Agriculture, Water resources, Industrial safety and health, commerce and Industry, health, police, fire, Air Force, NDRF, Universities and Institutions and NIC and several other departments participated in the training. Workshop was coordinated by Dr. Anil K. Gupta (Head of Policy Planning Div. NIDM), Ms. Sreeja S Nair (Asst Prof. NIDM), and Mr. Ashish Chatterjee (Addl Commr, Disaster Mitigation and Management, Govt. of TN). Local coordination was done by Dr. Arasu



Figure 6.11. Thiru Dr. T.S. Sridhar, Additional Chief Secretary & Commissioner of Revenue Administration, Addressing the delegates during the inaugural session of the Workshop

Sundaram (Associate Professor & Head DMC, Anna Institute of Management). The program was inaugurated by Dr. T.S. Sridhar, Additional Chief Secretary & Commissioner of Revenue Administration. Mr. Ashish Chatterjee briefed about the importance of State Plan, Legal Mandate and Role of Line departments. Dr. J. Radhkrishnan, Secretary, Health, Govt. of TN also addressed the participants on issues of integrated DM Planning. Topics of workshop included mainstreaming DRR concepts and scope, legal issues, Guidelines and framework of SDMP, need of coordinated efforts for planning, and role of various departments.

6.2.9. Seminar on “Chemical (Industrial) Disasters-Off-site Emergency Management and Integration with District Disaster Management Plans”

NIDM in collaboration with Multi Disciplinary Centre for Safety Health and Environment (MDC for SHE), Odisha, organized a three days National Seminar on “Chemical (Industrial) Disasters - Off-site Emergency Management and Integration with District Disaster Management Plans” during 18-20 December 2013 at the premises of MDC-SHE Bhubaneswar. The National Seminar was inaugurated by Dr. Taradatt, IAS, Addl. Chief Secretary, Odisha & CMD, OSDMA. Shri G.S.Khuntia, Vice President, MDC on SHE



Figure 6.12. Release of resource book during the inaugural Session of the National Seminar

extended warm welcome to the delegates and resource persons. Deliberations were made by experts on various themes covering areas of Chemical Disaster Management including Introduction to chemical disaster management, Institutional and Legal Framework, Offsite and Onsite planning, Transportation of Hazardous Chemicals, Medical Preparedness and Response, Risk Sensitive Land use Planning and Community Preparedness and Response in the 12 technical sessions that were held during the seminar.

Industry visit to IOCL Jatni was organized on 19 December and fire fighting mock drill was organized during the visit. The program was attended by 38 delegates including senior state government officials, faculty members of NIDM and officials from Industry. Valedictory session of the seminar was presided by Shri Purna Chandra Das, Chief Inspector of Factories, Odisha. Shri Das appreciated the continued efforts made by NIDM and MDC on the very important issue of Chemical Disaster Management.

6.2.10. Training of Trainers Program on “Community Based Disaster Risk Management”

NIDM in collaboration with SIRD Tamil Nadu organized a five days Training of Trainers



Figure 6.13. Training of Trainers Programme on Community Based Disaster Risk Management

program on “Community Based Disaster Risk Management” during 16-20 December, 2013, at State Institute of Rural Development, Maraimalai Nagar, Tamil Nadu. Fifty six participants from various parts of Tamil Nadu participated in the training. One day field visit to the coastal village of Samyarpettai in Cuddalore district (one of the worst affected villages of 2004 tsunami) was organized during the training program to understand about Village Level Disaster Risk Management Plan and preparedness. The training program was coordinated by Dr. K.J. Anandha Kumar, Associate Professor, NIDM and Mr. Arputharaj, Senior Faculty, SIRD, Tamil Nadu.

6.2.11. National Workshop & Exhibition on “Uttarakhand Disaster – 2013: Lessons Learnt & Way Ahead”

National Institute of Disaster Management, New Delhi organized a National Workshop & Exhibition on “Uttarakhand Disaster – 2013: Lessons Learnt & Way Ahead” on 13-14 March 2014 at NIDM, with an objective to discuss the content of the Uttarakhand Disaster Report with concerned agencies, resource persons and experts to seek their comments and suggestions and cross cutting issues related to the post Uttarakhand disaster. The two panel



Figure 6.14 Hon’ble Member NDMA, Dr. JK Bansal in the exhibition

discussions were covered under workshop: (i) Uttarakhand Disaster Report – 2013; and (ii) Disaster & Development.

Various technical issues/solutions related to sustainable reconstruction of damaged roads, Kedarnath Shrine complex, SSB-Srinagar complex, riverside establishments, bridges, DAMs, etc. were also covered on the second day of the workshop. The Workshop was inaugurated by Maj. Gen. (Dr.) J.K. Bansal, VSM, Hon’ble Member, NDMA; and was attended by other dignitaries i.e. Dr. P.K. Mishra, DG, GIDM; Dr. T. Chatterjee, Director, IIPA; Prof. V.K. Sharma, Hon’ble VC, Sikkim SDMA; Shri. G.V.V Sharma, JS (DM) MHA; Dr. Satendra, Executive Director, NIDM; Dr R.K. Bhandari, Former Director, CBRI; and representatives of various Governmental / NGOs / International Agencies i.e, MHA, NDMA, NDRF, ITBP, NIMHANS, HIHT, TCPO, CISE, HUDCO , CWC, IMD, UNDP, IIT-Roorkee, IIT-Delhi, Pragya, HelpAge India and faculty / staff of NIDM etc. In the exhibition organized at this occasion, number of organizations dealing with various technologies in the hill roads construction exhibited their products and also presented specific solutions for the challenges of slope erosion.

6.2.12. National Workshop on “Risk to Resilience: Mainstreaming Climate Change Adaptation and Disaster Risk Reduction Measures into Development Plans”

National Institute of Disaster Management (NIDM, Ministry of Home Affairs), Gorakhpur Environmental Action Group (GEAG) and Institute of Social and Environmental Transition (ISET) jointly organized National Workshop on “Risk to Resilience: Mainstreaming Climate Change Adaptation and Disaster Risk Reduction Measures into Development Plans” on 28th January 2014 at NIDM. The workshop was inaugurated by Shri. T. Nand Kumar, Hon’ble



Figure 6.15. Dr. Anil K Gupta, Associate Professor proposing vote of thanks during the valedictory session of workshop

Member NDMA and graced by Maj. Gen. Dr. J. K Bansal, Hon'ble Member, NDMA; Dr. Muzaffar Ahmad, Hon'ble Member, NDMA; Dr. Marcus Moench, President ISET; Dr. Kush Verma, Director General, NIAR; Shri. B.N. Satapathy, Senior Advisor, Planning Commission; Prof. Shyamala Mani, NIUA; Dr. K.J Ramesh, Advisor, MoES; Dr. Krishna Vatsa, Advisor, BCPR and Dr. T Chatterjee, Director, IIPA. The workshop focused particularly on the implications of hydro meteorological disasters and climate change for the decentralized planning and housing themes in India and brought together about 60 policy makers and practitioners from Government, UN Agencies, NGOs and donors. The module titled "Mainstreaming Climate Change Adaptation and Disaster Risk Reduction into District Level Developmental Plans" was also released during the workshop.

6.2.13. Brainstorming Workshop on Perspective Plan for Strengthening and Expansion of NIDM

A brainstorming workshop on Perspective Plan for Strengthening and Expansion of NIDM held on 17th of January 2014 at NIDM. Dr. Satendra, ED NIDM while delivering the welcome address, stressed on the need of NIDM's expansion in view of huge demand of capacity development

on various aspects of disaster management in India. Mr. Kabir Sheikh, Director of Mahatma Gandhi Institute of Sustainable Development and Peace (UNESCO), New Delhi, as Guest of Honor, stressed on Human Resource Development and promotional aspects of faculty members as key aspects for Institutional sustainability and growth, besides focus on multi-disciplinary nature of subject. The Key objectives of the workshop were:

- To discuss and delineate the framework of academic activities to be carried out by NIDM and to examine NIDM's capacity needs and gaps.
- To review the present structuring of NIDM faculty and to suggest effective and more useful academic structure.
- To suggest expansion in terms of filling academic vacancies and proposing the creation of posts in faculty and administration wing including engineering section.
- To suggest plan and framework for NIDM's layout and design in view of its proposed campus.



Figure 6.16. Executive Director NIDM addressing the inaugural session

6.2.14. Training Needs Analysis and Annual Training Conference

The Training Needs Analysis (TNA) & Annual Training Conference (ATC) of the National

Institute of Disaster Management (NIDM) was held on 6th-7th February, 2014 at NIDM, New Delhi. First Day of the Conference was devoted to Training Needs Analysis and the Second Day focused on Annual Training Conference. The emphasis for the current year was more on need based training courses, institutionalization of training and capacity building initiatives for disaster risk reduction and its mainstreaming in the programs of line departments/agencies. Shri Anil K. Sinha, Hon'ble Vice Chairman, Bihar State Disaster Management Authority (BSDMA) inaugurated the Conference. Prof. Vinod K. Sharma, Hon'ble Vice Chairman, Sikkim State Disaster Management Authority and Ms. Neelkamal Darbari, Jt. Secretary (Admn.), National Disaster Management Authority (NDMA) along with other participants comprising of DGs/ Directors of State ATIs, Heads', faculty of Centres for Disaster Management (CDMs), Representatives from State Disaster Management Authorities (SDMAs), Central Ministries, State Governments and other Training Institutions of different sectors attended this conference. The first day of the two days conference focused on training needs assessment where emphasis was laid on need of TNA and demand driven training. Gap in capacity building and awareness level was

highlighted by many during the conference. It was also emphasized that often TNA is done and feedback is taken, but updation and analysis of feedback is not done. Few new areas where focus is required were also highlighted viz. Livestock care, use of IDRN at the time of crisis, health issues of rescue workers, etc. ED NIDM discussed the achievements of NIDM during 2013-14 and strategy for 2014-15 during the second day. The activity calendar including off-campus collaborative training courses was finalized during the second day.

6.2.15. National Training on Drought Mitigation and Management Organized at CAZRI

National Institute of Disaster Management (NIDM) in collaboration with Central Arid Zone Research Institute (CAZRI), Jodhpur, successfully conducted a National Training program on 'Drought Mitigation and Management' during 24-28 March, 2014 at CAZRI, Jodhpur, Rajasthan. Dr.K.J. Anandha kumar, Associate Professor, NIDM and Dr. Suresh Kumar, Head of Division at CAZRI designed and organized the course. Mr. Rahul Gavhane, Junior Consultant also represented NIDM.

Twenty five participants from different Institutions, Universities, KVKs and NGOs from Gujarat, Uttarakhand and Rajasthan were benefitted by the program. Subject matter specialists delivered lectures on drought assessment, monitoring and declaration including mitigation measures relating to different natural resources, land uses and crops. Futuristic drought management in view of climate change, breeding for drought tolerance and ensuring livelihood were also highlighted. Participants were taken to field sites at CAZRI farm and soil and water conservation sites around Jodhpur. The program was inaugurated by Dr. A.T.Jayasheelan, General Manager,



Figure 6.17. Shri Anil. K. Sinha, Hon'ble Vice Chairman, BSDMA inaugurating the annual training conference

Regional Remote Sensing Centre, Jodhpur. Dr.M.M.Roy, Director, CAZRI, delivered a lecture apart from participating in the inaugural and valedictory programmes.



Figure 6.18. Dr. M.M Roy, Director CAZRI addressing the participants during the inaugural session of National Training on Drought Mitigation and Management.

6.2.16.National Database for Emergency Management: Nodal Officers meeting

The Committee of Secretaries (CoS), with regard to Emergency Management in the country entrusted Department of Space (DoS) to design, develop and implement National Database for Emergency Management (NDEM). From DoS, National Remote Sensing Centre (NRSC) is the lead agency to implement and operationalise NDEM. NRSC with the support of NIDM organized a meeting with Nodal Officers of NDEM on 19 February 2014 at NIDM. The aim of the meeting was to appraise about the project status and to establish fruitful cooperation and mechanism for providing/sharing data and information available with nodal ministries and agencies. Twenty six officials from Central Departments and State representative from Delhi Disaster Management Authority, officials from NRSC, DoS and National Institute of Disaster Management participated in the event. Shri. V. Bhanumurthy, Project Director, NDEM extended

warm welcome to all the delegates and briefed about the various components of Disaster Management Support (DMS) Program and NDEM. Dr. Satendra, Executive Director, NIDM appreciated the effort of NRSC and assured that NIDM would be interested in integrating IDRN database with NDEM for the use of Emergency Managers. He also mentioned that NIDM can play a major role in capacity building of officials to effectively utilize NDEM. Mr. Vinod Kumar Sharma, scientist gave a detailed presentation of NDEM status followed by demonstration of the Portal. Dr. Murthy Remilla summarized in brief about the six regional meetings of NDEM held during 2012-13. Nodal officers from various partner departments and NIDM actively participated, discussed about availability of data, modality for sharing and challenges in sharing data in desired formats and utilizing them during emergencies. Partners also gave suggestions for improving the utilization in real time **scenario**. The meeting closed with vote of thanks by Shri. Bhanumurthy.



Figure 6.19: Representatives from various Nodal Departments at the NDEM meeting.

6.2.17. Orientation Program for trainees from Regional Specialized Meteorological Centre (RSMC)

Trainees from Regional Specialized Meteorological Centre (RSMC), New Delhi, visited NIDM on 26th February 2014, for

a training program on 'Cyclone Disaster Management through Capacity Building'. The trainees included participants from Sri Lanka, Myanmar, Thailand and from India Meteorological Department's Cyclone Warning Centers. The objective of this orientation program was to sensitize the trainees about Disaster Management Framework at national and regional level. Dr. Satendra, Executive Director, in his welcome address explained the Disaster Management Plan and also the activities / functions of NIDM to the trainees. Presentations on "Introduction to Disaster Management and Institutional setup in India" and "Experience of Cyclone—Issues and Lessons Learnt" were made by Dr. K.J. Anandha Kumar, Associate Professor. The program concluded with group discussions.

6.2.18. Workshop on Accreditation Process and Policy, and Training Modules for the Capacity Building Study under National Cyclone Risk Mitigation project

A workshop for the study 'Preparing Long Term Training and Capacity Building Strategy for Disaster Risk Reduction', under NCRMP, which is being carried out by NIDM through the Consultancy firms – SEEDS Technical Services and Knowledge Links, was held at NIDM on 5th February, 2014. The objective of the consultative workshop was to discuss and get inputs from Ministry of Home Affairs, National Disaster Management Authority, States and other important stakeholders on the accreditation process in the field of Disaster Management and approach being followed to develop training modules which are a part of this study. The inputs would help in finalization of the Accreditation Process and Policy in the field of Disaster Management which will be a key output of this study. Dr Satendra, the Executive Director, NIDM, gave



Figure 6.20 : Participants during the workshop held under National Cyclone Risk Mitigation Project

the opening address and Dr K.J. Anandha Kumar, Project Coordinator NCRMP, presented a brief overview of the study. This was followed by presentations from the Consultants on the accreditation process and the approach followed by them for developing training modules for the study. The discussions that ensued resulted in some extremely valuable suggestions for the deliverables of the study. In total, 26 participants attended the workshop, including Shri Anil Kumar Sinha, Hon'ble Vice Chairman Bihar

State Disaster Management Authority, Dr. Vinod Kumar Sharma, Hon'ble Vice Chairman, Sikkim State Disaster Management Authority, Shri Amit Chaudhuri, Joint Secretary, Govt. of West Bengal, Shri S.S. Jain, Deputy Project Director, NCRMP, NDMA, Prof. Najma Akhtar, HOD, Department of Training and Capacity Building, NUEPA, New Delhi, Prof. Snjukta Bhaduri, HOD, Urban Planning Department, SPA, New Delhi, Ms. Tanushree Verma, Consultant, MHA, Shri Anuj Tiwari, Sr. Advisor, BSDMA, Prof. Nirmita Mehrotra, HOD, Architect & Regional Planning, Gautam Buddha University, Greater Noida, Ms. Reshmi Theckethi, UNDP, Shri V. Shrinivas, Communication Specialist, Revenue DM Department, A.P., Shri Durga Prasad

Mohapatra, SMS, PMU, NDMA and Shri Vineet Kishor, Consultant, CDDMASS.

6.2.19. Training Program on "Forestry as Livelihood for Climate Change Adaptation"

A national level training programme was successfully conducted for the First Time by NIDM from 3rd to 7th March, 2014 at FRI, Dehradun in collaboration with FRI, Dehradun. The programme was inaugurated by Dr. P.P. Bhojvaid, Director, FRI, Dehradun. Shri A.S. Rawat, Head Silviculture Division and Course Director and Shri V.K. Dhawan, FRI, Dehradun alongwith the NIDM faculty members (as Coordinators) Ms. Chandrani Bandyopadhyay and Dr. A.D. Kaushik were present in the inauguration session. Fourteen participants from eight States of the country, representing various forest departments of the States, NGOs and faculties of Universities participated in the programme. The objective of the programme was to enhance the training capacities of participants involved in mitigation, preparedness, response and recovery in the event of disaster.

Most of the lectures delivered during the training programme were highly appreciated by the participants. The participants appreciated the lectures on Plantation in vulnerable areas and usufruct benefits to local communities by Sh. Deepak Mishra, IFS of IGNFA; Forest based livelihood in changing scenario of climate: Issues & Options by Ms. Chandrani of NIDM, Climate Change induced natural disaster risk on forestry based livelihood and adaption by Dr. A.D. Kaushik of NIDM, and Mushroom cultivation for livelihood support by Dr. Harsh of FRI. One day field visit for the participants was conducted. During valediction of the training, Ms. Jayshree Ardey, Acting Director,

FRI, Dehradun strongly emphasized to explore it as a large number of participants from different organizations may get the benefits of this training in future.

6.2.20. Training Workshop on Mainstreaming Disaster Risk Reduction & Climate Change Adaptation

National Institute of Disaster Management (NIDM) jointly with Gorakhpur Environmental Action Group (GEAG), Institute of Social and Environmental Transition (ISET) organized a one day Training Workshop on Mainstreaming Disaster Risk Reduction & Climate Change Adaptation at School of Environmental Sciences (SES), Babasaheb Bhimrao Ambedkar University, Lucknow on 7 March 2014 under the Climate Development Knowledge Network (CDKN) Project. GEAG is a leading resource agency on CCA and DRR of Uttar Pradesh has initiated the process in Gorakhpur to capacitate various stakeholders including government departments, voluntary agencies and individual researchers/students in order to make them efficient in making and executing climate and disaster resilience DDMP. NIDM, New Delhi and Institute for Social and Environmental Transition (ISET), USA are partnering with



Figure 6.21: Inaugural Session of the Training Workshop on Mainstreaming Disaster Risk Reduction & Climate Change Adaptation

GEAG in this project. Purpose of this training workshop was to build capacity of young researchers and scholars of the University for promoting DRR and CCA by seeking contribution to and sharing development of the knowledge. Academicians, researchers and students were introduced to Disaster Management and climate change concepts and terminologies, Operational Framework for DRR and CCA integration into Developmental Plans, Hazard, Vulnerability and Risk Mapping and information management for DRR and DM Planning at various levels and Mainstreaming DRR in development planning and Initiative taken by State Govt of Uttar Pradesh. A set of key recommendation were emerged out of the workshop. Central and state universities and centres related to Environmental Studies should take lead to promote linkage of CCA and DRR by starting interdisciplinary centres.

6.3. Meetings/ Delegations

6.3.1. Seventh Meeting of the Governing Body of NIDM

Seventh meeting of the Governing Body of NIDM was held on 23rd August 2013, under the Chairmanship of Shri M. Shashidhar Reddy, Hon'ble Vice Chairman, National Disaster Management Authority (NDMA). ED, NIDM presented the Action Taken Report on the decisions of the 6th Meeting of the Governing Body. It was informed by ED, NIDM that the activity chart for preparing the training calendar will be finalized in consultation with NDMA, which will be followed for the year 2014-15. NIDM has been conducting about 25% of its training programs in the form Training of Trainers (ToTs). The Governing Body decided that NIDM should focus more on Training of Trainers programmes based on Training Needs Assessment (TNA). The Governing Body also decided that NIDM should conduct



Figure 6.22: Shri. M. Shashidhar Reddy, Hon'ble Member NDMA chaired the 7th Meeting of the Governing Body of NIDM

training programmes and develop training modules in consultation with the stakeholders including the Central Ministries and the State Governments. NIDM should identify and make partnerships or conduct collaborative programmes with the reputed agencies like IIMs, IITs and other Institutions so that they can also be involved in the training and research/documentation programmes conducted by NIDM. The Governing Body appreciated the trainee's database of NIDM and advised that the institute should regularly update the database of the trainers and the trainees and upgraded with a search engine for sorting facility for easy and optimal use. It was also decided that NIDM should come up with an annual report within 2 months. The Governing Body noted the status of the East Asia Summit held in November, 2012 and National Platform for Disaster Risk Reduction in May, 2013.

The meeting was attended by Ms. Gauri Kumar, Secy (BM); MHA, Dr. Shyam S. Agarwal, Secy, NDMA; Shri Bibhas Kumar, Chairman, CWC; Shri Suresh Chandra Panda, Addl. Secy & Financial Adv.; MHA, Shri G. V. V. Sarma, JS (DM), MHA; Ms. Neelkamal Darbari, JS (Admn.), NDMA; Shri Sandeep Sarkar, Director (Finance), MHA; Ms. Preeti Banzal, JA (Capacity Building and Training), NDMA; Shri Dina Nath, JD, Dept. of Expenditure, Ministry of Finance; Prof. Saibal Chattopadhyay,

Director, IIM-Kolkata; Prof. M. L. Sharma, Head, Department of Earthquake Engineering, IIT-Roorkee; Dr. Srinagesh, Chief Scientist, NGRI & Shri T. Viswanath, OSD to Hon'ble VC, NDMA. The Governing Body considered the various agenda items and approved and also given directions on the proposals for implementation.

6.3.2. First meeting of Technical Advisory Committee (TAC)

The first meeting of Technical Advisory Committee (TAC) was held at NIDM on 19th Nov 2013. The Governing Body (GB) of NIDM in its 7th meeting held on 23rd Aug, 2013 under the Chairmanship of Hon'ble VC, NDMA, had constituted the TAC to discuss and recommend on the Academic/ Technical and Perspective Plan related matters of NIDM. Many technical and academic matters like various policies, Trainee and Trainer database, Collaborative Research, Disaster Management Research Fellowship and Perspective Plan of NIDM, were discussed. The meeting was chaired by Prof. Harsh K. Gupta, Hon'ble Member, NDMA (Chairman) and attended by Ms. Neelkamal Darbari, Jt. Secretary (Admn.), NDMA, Prof. Ashwini Kumar, Dean Eq. Engg., IIT, Roorkee, Dr. Satendra, Executive Director, NIDM (Member

Secretary) and Dr. Anil K. Gupta, Associate Professor and Head PPCCI Division, NIDM (Coordinator). The decisions of this Committee would be submitted to the Governing Body of NIDM.

6.3.3. Central Review Committee meeting of National Cyclone Risk Mitigation Project

Second Central Review Committee (CRC) meeting for monitoring the status and deliverables of the study was held on 23rd Dec, 2013 at NDMA. The agenda for the meeting was to review the achievement of deliverables from 1 to 8 and action taken by NIDM on the minutes of the last CRC meeting held on 30th July, 2013. The representation from NIDM for the PIU team included Dr Satendra, Executive Director and Project Director, NIDM; Dr. K.J. Anandha Kumar, Project Coordinator, NCRMP; Ms. Priyanka Chowdhary, Specialist and Ms. Rani Dhakad, Project Associate. A presentation regarding the current status of the study, highlights of the approved deliverables and future course for completion of the study, was made by Ms Priyanka Chowdhary on behalf of NIDM PIU. This led to discussion on various aspects of the study amongst the Committee members and some valuable inputs were received in the process. The meeting ended with a presentation by the Consultants on key components of a forthcoming deliverable which will be a white paper on training and capacity building.

6.3.4. First meeting of Standing Advisory Committee (SAC)

The first meeting of Standing Advisory Committee (SAC) was held at NIDM on 25th Feb, 2014. The Governing Body (GB) of NIDM in its 7th meeting held on 23rd August, 2013 under the Chairmanship of Hon'ble VC, NDMA, had constituted the SAC to discuss



Figure 6.23 Prof. Harsh K. Gupta, Hon'ble Member, NDMA chairing the TAC Meeting at NIDM

and recommend on the proposals related to administrative, financial and establishment matters of NIDM. The meeting was chaired by Prof. H. K. Gupta, Hon'ble Member, NDMA and attended by Ms. Neel Kamal Darbari, Jt. Secretary (Admn.), NDMA; Shri Pradipta Kumar Mohapatra, Principal Secretary to Govt. of Revenue Disaster Management & Special Relief Commissioner, Govt. of Odisha; Dr. Satendra, Executive Director, NIDM; Dr. Bhoop Singh, Advisor/Scientist 'G' NRDMS Division, Department of Science & Technology; Shri Ashish Panda, Under Secretary, Ministry of Home Affairs and Shri Brajesh Sikka, Under Secretary (Finance-IV), Ministry of Home Affairs. The deliberations/decisions of this Committee would be submitted to the next Governing Body of NIDM.



Figure 6.24: Prof. H. K. Gupta, Hon'ble Member, NDMA along with Ms. Neel Kamal Darbari, Jt. Secretary (Admn.), NDMA at the meeting

6.3.5. Orientation Program for International Diploma participants for a "Workshop on Managing Risk and Emergencies in Education-Through National and International Case Studies"

A visit of International Diploma participants for a "Workshop on Managing Risk and Emergencies in Education-Through National and International Case Studies" was held at NIDM on 20 March 2014 which had 27



Figure 6.25: International Diploma Participants during the workshop

participants from 17 nations. The workshop was focused on sensitizing the participants about the need for disaster management in the realm of education systems, especially focusing on schools. Dr. Satendra, Executive Director, NIDM, welcomed and interacted with all the participants and informed them about various online programs run by NIDM.

Dr. K.J. Anandha Kumar and Dr. Sushma Guleria made the presentations on Basic Concept of Disaster Management and Institutional Framework and on School Safety Program respectively. Dr. Anandha Kumar briefly explained various hazards, disasters, associated risks, vulnerabilities, identifying and enhancing capacities and stressed upon the paradigm shift from crisis management towards risk management. He mentioned that disaster risk management comprises of preparedness, mitigation and prevention strategies and initiatives. He also gave a brief insight about the role played by NIDM in disaster management.

6.4. NIDM in International Forum

6.4.1. NIDM participated in 4th Session of Global Platform on Disaster Risk Reduction

The Fourth Session of Global Platform for

Disaster Risk Reduction was held at Centre International De Conferences Geneve (CICG), Geneva, Switzerland during May 19-23, 2013. The event was organized by UNISDR. Indian delegation led by Shri A. K. Mangotra, Secretary (BM), MHA and comprising of Dr. Shyam S. Agarwal, Secretary NDMA, Dr. P. M. Nair, DG NDRF, Prof. Santosh Kumar NIDM, Shri Sanjay Agarwal, Director, MHA, Shri Shekher Chaturvedi, NIDM and Shri S. K. Tiwari, NIDM attended the event and participated in various sessions. Shri Shekher Chaturvedi and Shri Santosh Kumar Tiwari of NIDM managed the NIDM booth at the market place of the event and displayed/distributed the DRR documents & IEC material developed by NIDM, NDMA & NDRF to the participants of the event, who visited the booth. During the event, hundreds of delegates of various countries visited the booth and inquired about the Institute, structure of disaster management in the country and initiatives of DRR in the country. These queries were dealt with, by the officials of NIDM managing the booth. This is the first time that India participated in exhibition at Global Platform for Disaster Risk Reduction. The sole credit goes to NIDM faculty and staff members.

6.4.2. NIDM participated in ICL-IPL Kyoto Conference 2013, 18-22 November 2013, Kyoto, Japan

International Consortium on Landslides (ICL) organized a conference at Kyoto, Japan during 18-22 November 2013 to conduct strategic discussions to strengthen science and technology network and promote partnership to create a safer geo-environment. During the conference, the implementation plan for world landslide forum 3 to be held during 2-6 June 2014 at Beijing, China, was also discussed besides the regular 12th session of the Board



Figure 6.26: NIDM displays information material at GPDRR

of Representatives (BoR) of ICL and 8th session of the International Programme on Landslides (IPL) Global Promotion Committee and IPL symposium 2013. Dr. Surya Parkash, Associate Professor NIDM and Leader, World Centre of Excellence on Landslide Risk Reduction (ICL and IPL-ISDR) at NIDM was sponsored by ICL to participate in the conference. NIDM has been working on an IPL project -172 on "Documentation, Training and Capacity Development for Landslide Risk Management" and coordinating the ICL's Thematic Network on Landslide Risk Management.

6.5. Other activities

6.5.1 NIDM'S participation in IITF-2013, 14th to 27th November, 2012

NIDM in collaboration with NDMA and NDRF showcased its materials and models



Figure 6.27: Street Play (Nukkad Natak) on disaster management during IITF 2014

in the India International Trade Fair with an objective to create awareness amongst people about Disaster Management. NIDM shared various awareness materials with the visitors, demonstrated shake table for liquefaction testing, displayed earthquake resistance building models, organized Street Play (*Nukkad Natak*) on disaster management, organized skit of school children on school safety and conducted Quiz Contest on various disaster related topics.

The stall was inaugurated by Shri M. Shashidhar Reddy, Hon'ble Vice Chairperson of NDMA in the presence of the Hon'ble members of NDMA, Secretary / Joint Secretaries / Directors of NDMA, Executive Director of NIDM and other staff of NDMA, NDRF and NIDM on 14-11-2013. NIDM displayed its products and activities in the form of collage, showcasing various training, conferences and the modules published by the Institute. In addition, NIDM also put its various IEC materials for distribution and many other publications for display. A calendar, showing various disasters, was also released during the inaugural function by Shri M. Shashidhar Reddy, Hon'ble Vice Chairperson of NDMA. Detailed report can be accessed from http://nidm.gov.in/PDF/report_iitf%202013.pdf.

6.5.2. Fire Fighting Mock Drill at NIDM Campus

NIDM conducted mock drill for fire fighting on 20th December 2013. The drill was conducted in order to teach the correct use of fire extinguishers. The demonstration was conducted by trained personnel. They demonstrated three types of fire extinguishers i.e., Type A, B and C. They also explained the use of these three types of extinguisher in different type of fire breakout. All faculty members and staff of NIDM were present during the drill, including Executive Director of NIDM.



Figure 6.28. NIDM Staff participating in mock drill

6.5.3. NIDM Participated in National Workshop on Migration and Global Environmental Change in India

A two day “National Workshop on Migration and Global Environmental Change in India” was organized by United Nations Educational, Scientific and Cultural Organization (UNESCO) on 4 and 5 March 2014, at India Habitat Centre, New Delhi, with the support of the Government Office for Science (GOS, UK) and the Department for International Development (DFID). Dr. Anil K Gupta, Associate Professor and Head of the Policy and Planning Division of NIDM, Chaired one of the sessions on “Global Environmental Change, Migration and Human Rights” of the workshop. The session chaired by him highlighted that global environmental change induced migration can have adverse implications for the realization of entitled human rights. Therefore there is a greater need to integrate human rights principles in the discussion on global environmental change induced migration. Recognition of the mobility of vulnerable communities in the policy process and effective protection of basic human rights are needed policy interventions in the present context.

6.5.4. NIDM's participation in "Science Fair" organized by Education Department of North Delhi Municipal Corporation (NDMC)

National Institute of Disaster Management (NIDM) participated in a 3-Day "Science Fair" organized by Education Department of North Delhi Municipal Corporation (NDMC) during 26-28 February, 2014. This program was supported by Global Rescue Consultants Pvt. Ltd and organized in the six schools. The program was inaugurated on 26-February-2014 by Shri Ajad Singh, Mayor of NDMC in presence of Shri Mohan Bharadwaj; Chairman of the Standing Committee, Civil Lines Zone and Shri R. K. Bansiwala, Chairman of Education Committee at MCP School Jahangir Puri. Prof. Chandan Ghosh of NIDM sensitized the officials & Teachers on the issue of importance of Disaster Management in schools with special emphasis on earthquake resistant school buildings. Later he visited model exhibitions by school students and demonstrated some of the buildings models of NIDM. During the event NIDM also displayed its IEC materials and activities performed by the Institute.



Figure 6.29. Prof. Chandan Ghosh during the Fair

6.5.5. NIDM's participation in "Annual College Fest- Crescendo 2014" organized by Shaheed Sukhdev College of Business Studies

National Institute of Disaster Management

(NIDM) participated in 2-day "Annual College Fest- Crescendo 2014" organized by "Shaheed Sukhdev College of Business Studies, University of Delhi" during 10-11 March 2014 at Talkatora Stadium, New Delhi. The Program was inaugurated on 10th March 2014 by Dr. Poonam Verma, Principal "Shaheed Sukhdev College of Business Studies, University of Delhi". During the event, NIDM established a stall to spread awareness and disseminate information about Disaster Management. The NIDM team comprising Mr. Santosh Tiwari, Manoj Kumar Singh and Mr. Himanshu introduced students to NIDM e-learning courses through which the students and teachers can learn and develop their knowledge in the field of Disaster Management. During both the days, various IEC materials on Earthquake safety, Flood safety, Fire safety, School Safety and other Disaster Management issues were distributed amongst students, teachers and other visitors, besides reading materials, Posters, Calendars and leaflets. NIDM publication in the form of books, training modules and guidelines etc. were also distributed during the event.

6.5.6. NIDM's participation in the mass awareness program through "Disaster Management Fair-AAGAAZ" organized by the District Disaster Management Authority (DDMA) of North-West District

National Institute of Disaster Management (NIDM) participated in a two days mass awareness program through "Disaster Management Fair-AAGAAZ" at Dilli Haat, Pitampura, New Delhi from 22-23 March, 2014. The program was organized by the District Disaster Management Authority (DDMA), North-West District, Delhi. The objective of this program was to create mass awareness of disaster management for the communities.



Figure 6.30. Dr. Satendra (ED, NIDM) Addressing the Audience in the Fair

The program was inaugurated on 22nd March, 2014 by Shri Dharampal, IAS (Divisional Commissioner – Revenue cum-convenor of Delhi Disaster Management Authority) and Dr. Satendra, Executive Director, NIDM in the presence of Shri Udit Prakash Rai, Chairman of DDMA-cum-District Magistrate (Revenue), North West district, Shri Shailendra Singh Parihar, Chief Executive Officer (DDMA) cum-

Additional District Magistrate (Revenue) and other official dignitaries.

Dr. Satendra, Executive Director, NIDM delivered inaugural address and talked about the importance of Disaster preparedness, mitigation and management. During this fair, NIDM displayed various types of IEC materials like posters, calendars, training modules, leaflets, etc. The IEC materials distributed to various visitors, stakeholders, students and teachers during this fair. Various Government organizations and NGOs also participated in this program such as NDRF, Civil Defence, Delhi Metro, Education Department, Fire Department, Municipal Corporation of Delhi, CATS, Seeds India, Paaras, Delhi Jal Board and many others. During this fair, a cultural program also had been organized. Some of the important aspects of disaster management had been depicted, through stage play, songs, Nukkad Natak etc.

Chapter 7

Administration

7.1. Organizational Structure

Training, research and consultancy activities undertaken by the Institute are well supported by the Administration wing of the Institute. Union Home Minister is the President of the Institute and Vice Chairman of the National Disaster Management Authority (NDMA) is its Vice President. The General Body of the Institute comprises of 42 Members which include Secretaries of various nodal Ministries

and Departments of Government of India and State Governments and heads of national levels scientific, research and technical organizations, besides eminent scholars, scientists and practitioners.

The Institute has a Governing Body of 15 members chaired by Vice Chairman of NDMA. Union Home Secretary is the Vice Chairman of the Governing Body of the Institute (Table 7.1).

Table 7.1: List of the Governing Body Members of NIDM

S. No.	Name and Address	Contact Details
1.	Hon'ble Vice Chairman, National Disaster Management Authority, NDMA Bhavan, A 1, Safdarjung Enclave, New Delhi	Tel.: 91-11-26701701 Fax :- 91-11-26701706 PS to Hon'ble VC Tel: 26701721
2.	Union Home Secretary, Ministry of Home Affairs, Room No. 113, North Block, New Delhi-110001	Tel: 23092989 Fax: 23093003
3.	Secretary (Border Management), Ministry of Home Affairs, Room No. 124 North Block, New Delhi -110001	Tel: 23092440 Fax: 23092717
4.	Secretary, Department of Expenditure, Ministry of Finance, North Block, New Delhi -110001	Tel: 23092929, 23092663 Fax: 23092546, 23092652
5.	Secretary, Ministry of Science & Technology, Technology Bhavan, New Mehrauli Road, New Delhi -110016	Tel: 26590412, 26511439 Fax: 26863847
6.	Secretary, Department of Space, Lok Nayak Bhavan, Khan Market, New Delhi -110003	Tel: 24698313 Fax: 24647413

S. No.	Name and Address	Contact Details
7.	Secretary, National Disaster Management Authority, NDMA Bhawan, A-1, Safdarjung Enclave, New Delhi	Tel: 26701710 Fax: 26701716
8.	Chairman, Central Water Commission 315, Sewa Bhawan (S), R. K. Puram, New Delhi- 110606	Tel: 26108855 Fax:
9.	Additional Secretary and Financial Adviser, Ministry of Home Affairs, North Block, New Delhi-110001	Tel: 23094709 Fax: 23093002
10.	Principal Secretary Revenue & Disaster Management Department, Government of Assam Assam Secretariat, Dispur, Guwahati-781006, Assam	Tel: 0361-2237255, Fax: 0361-2237268 vkpindia@rediffmail.com
11.	Director, Indian Institute of Management, Kolkata, Diamond Harbour Road, PO Joka, Kolkata – 700 104, West Bengal	Tel: 033-24678310 Fax: 033-24678307
12.	Director, Indian Institute of Technology, Roorkee, Roorkee – 247 667, Uttarakhand	Tel: 01332-285500 Fax: 01332-273560, 285815
13.	Director, National Geophysical Research Institute, Uppal Road, Hyderabad – 500606	Tel: 040-23434700, 4711 Fax: 040-27171564
14.	Vice-Chancellor, Guru Gobind Singh Indraprastha University Sector - 16C Dwarka Delhi - 110078, India	Tel: 91-11-25302104, 25302105 Fax: +91-11-28035243
15.	Executive Director National Institute of Disaster Management IIPA Campus, 5B, IP Estate, Mahatma Gandhi Road, New Delhi-110002	Tel.: 91-11-23702445 Fax: 91-11-23702446

7.2. Divisions of NIDM

The Institute has five divisions and a training cell. Executive Director of the Institute who is also the Member Secretary of the Institute and its Governing Body runs the day to day administration of the Institute.

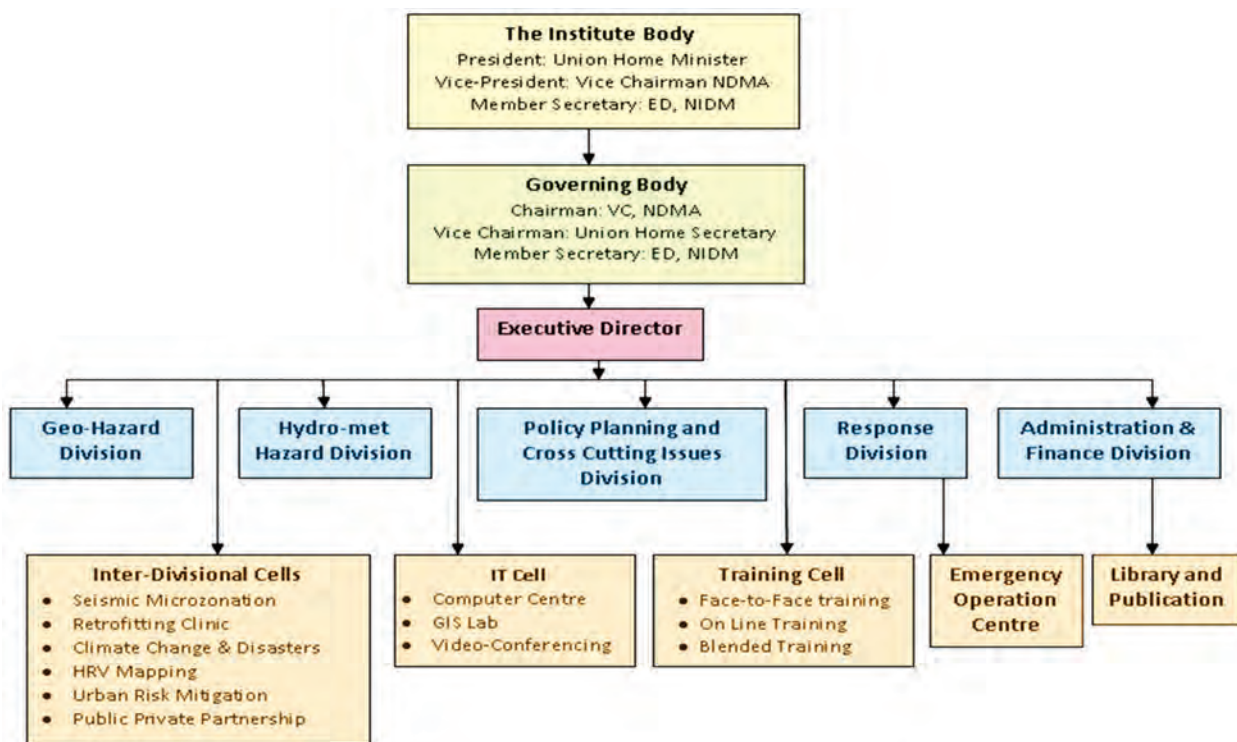


Figure 7.1: Organogram of NIDM

7.3. Meetings of General Body and Governing Body

The first general body meeting and Governing body meeting of NIDM was held on 18th April,

2007 and 20th June, 2007 respectively. Since then seven Governing Body meeting were held in NIDM. A list of meetings has been provided in the table below.

Table 7.2. Governing Body Meeting of NIDM

S.No.	Governing Body Meeting	Date
1.	First Governing Body Meeting	20 th June, 2007
2.	Second Governing Body Meeting	23 rd April, 2008
3.	Third Governing Body Meeting	27 th November, 2008
4.	Fourth Governing Body Meeting	17 th March, 2009
5.	Fifth Governing Body Meeting	18 th March, 2010
6.	Sixth Governing Body Meeting	11 th July, 2012
7.	Seventh Governing Body Meeting	23 rd August, 2013

7.4. NIDM Faculty

Table 7.3: Faculty of NIDM

S.No	Name	Designation
1	Dr. Satendra	Executive Director
Geo- Hazard and IT Division		
2	Dr. Chandan Ghosh	Professor & Head, Geo-Hazard Risk Management Division & Head, IT Section
3	Dr. Surya Parkash	Associate Professor
4	Ms. Sreeja S. Nair	Assistant Professor, IT Division
5	Dr. Ritu Raj	Research Associate
Policy Planning and Cross Cutting Issues Division		
6	Dr. Anil K. Gupta	Associate Professor & Head, Division of Policy Planning & Head Training Cell
7	Ms. Chandrani Bandyopadhyay	Assistant Professor
8	Dr. Ajinder Walia	Assistant Professor
9	Mr. Shekher Chaturvedi	Research Associate
Hydro-met Hazard Division		
10	Dr. K.J. Anandha Kumar	Associate Professor & Head of Hydro-Meteorological Disasters Division
11	Dr. Ashutosh Dev Kaushik	Research Associate
Disaster Response Division		
12	Mr. Arun Sahdeo	Consultant
13	Lt. Col. P.K. Pathak	Consultant
14	Dr. Sushma Guleria	Research Associate

7.5. General Administration

Executive Director of the Institute is responsible for administration of the Institute and exercises powers under the direction and guidance of the Governing Body. Executive Director is assisted by the Joint Director General, accounts officer and Administrative officer. Administration of the Institute mainly includes

coordination, conduct of statutory meetings, establishment and personnel management, security, campus support services, and welfare of the employees. It facilitates the research, training and consultancy activities in the Institute by providing necessary infrastructure and managerial support for smooth conduct of the programmes.

Table 7.4: Staff of NIDM

S.No	Name	Designation
1	Shri Ramesh Kumar	Accounts Officer
2	Shri Hemant Kumar	Computer Programmer
3	Shri S.K. Tiwari	Librarian
4	Ms. Ritu Sood	Administrative Assistant
5	Shri S.S. Bisht	Jr. Assistant cum Accountant
6	Shri Avinash Kumar Pandey	Accounts Assistant
7	Shri Vishal Awasthi	Stenographer
8	Shri J.N. Jha	Jr. Engineer
9	Ms. Amrita Gupta	Personal Assistant
10	Ms. Santosh Mishra	Data Entry Operator
11	Ms. Gita Sharma	Data Entry Operator
12	Sh. Rajiv Kumar	Data Entry Operator
13	Ms. Megha Kohli	Data Entry Operator
15	Shri Amar Singh	Machine Operator
16	Shri Hemraj	Driver
17	Shri Laxman Singh	Messenger
18	Shri Vijay Kanojia	Messenger
19	Shri Pankaj	Messenger
20	Shri Sunil Kanojia	Messenger
21	Ms. Jaya	Library Attendant

7.6. Progressive use of Hindi

NIDM started observing “*Hindi Diwas*” since 2011-12. During 2013, *Hindi Diwas* was observed on 11th September at NIDM. Poems, slogans and quiz competition were held during the occasion and staffs and faculty members of NIDM and State Disaster Management

Centre participated with great zeal and enthusiasm. Besides observing *Hindi Diwas*, NIDM developed various IEC materials in the form of posters, book marks, pamphlets etc. Seven modules were also translated in Hindi for the purpose of reaching to large number of people.

Chapter 8

Finance & Accounts

The functions of the Finance and Accounts Division of the Institute includes budgeting, accounting, managing of receipts and payments, preparation and compilation of annual accounts, submission of audited annual accounts to the Ministry. In addition the division provides financial advice on various matters relating to administration and in the process of decision making by the Management.

General Fund: The Institute is fully funded by the Government of India, which releases funds with reference to the budget approved by the Governing body of the Institute.

- A sum of 9,03,20,926/- of grants-in aid was sanctioned during the year 2013-14

in favour of NIDM by Ministry of Home Affairs along with unutilized grant balance of 1,98,63,175/-

- An amount of 9,00,00,000/- has been utilized for the purpose of central sector scheme on National Management Program for which it was sanctioned, and
- The balance of 1,95,42,249/- remaining unutilized at the end of the year and will be adjusted towards grants-in-aid payable during the year 2014-15. Balance sheet of 2013-14 has been given in the Annex V.

Annexes

List of Annexes

1. Annex I : List of face-to-face trainings conducted at NIDM
2. Annex II : List of State Administrative Units
3. Annex III : List of Members of General Body Meeting of the Institute
4. Annex IV : Finances and Accounts

Annex I . List of face-to-face trainings conducted at NIDM 2013-14

Sl. No.	Name of Course	Venue	Date(s)	Faculty	No. of Participants
1.	IRS-Training and Simulation	Shimla Municipal Corporation	1-5 April	Arun Sahdeo	52
2.	Ecosystem approach to DRR	NIDM	8-12 April	Anil K. Gupta Sreeja S. Nair	17
3.	Course for NDRF Commanders	NIDM	15-18 April	P. K. Pathak	13
4.	Formulation of Village Disaster Development Plan	SIRD, UP	15-19 April	Sushma Guleria AjinderWalia	30
5.	Seismic Safety Assessment of Buildings by Rapid Visual Survey	Agartala	16-18 April	Chandan Ghosh	26
6.	Legal Framework for DRR	NIDM	25-27 April	Sreeja S. Nair Anil K. Gupta	24
7.	School Safety for Teachers	NIDM	29 April -3 May	Ritu Raj	39
8.	City Disaster Management Plan	Rajkot, Gujarat	29 April -3 May	Surya Parkash Chandan Ghosh	25
9.	Flood Management Planning and Response	GIDM, Gujarat	14-18 May	K. J. Anandha Kumar	26
10.	IRS Basic& Intermediate Course	YASHADA Pune	16-18 May	Arun Sahdeo	29
11.	Comprehensive Landslide Risk Management	Nagaland	20-24 May	Surya Parkash	25
12.	DM Plan for Dam Safety	Koldam, HP	31 May -1 June	Chandan Ghosh	19
13.	School Safety for Teachers	NIDM	10-14 June	Ritu Raj	29
14.	Seismic Safety Assessment of Buildings by Rapid Visual Survey	Gautam Buddha University, G. NOIDA	19-21 June	Chandan Ghosh	30

Sl. No.	Name of Course	Venue	Date(s)	Faculty	No. of Participants
15.	Safe Hill Area Development	ATI Mizoram	25-28 June	Surya Parkash	21
16.	Geo-Informatics in Disaster Management	NIDM	8-12 July	Sreeja S. Nair	14
17.	Role of Forestry in Disaster Management	FRI Dehradun	15-19 July	A. D. Kaushik Anil K. Gupta	13
18.	Office Disaster management Plan	UTCS Delhi	24-26 July	Sushma Guleria	13
19.	School Safety for Teachers	NIDM	29 July-2 Aug.	Ritu Raj	14
20.	ToT on Disaster Management	UPAAM, Lucknow	29 July-2 Aug.	Shekher Chaturvedi	20
21.	ToT on Basic Disaster Management	NIDM	19-23 Aug.	Sushma Guleria	18
22.	IRS: Basic & Intermediate Course	NIDM	19-23 Aug.	P. K. Pathak	13
23.	Needs for Children in Disaster	NIDM	2-6 Sept.	Ajinder Walia	32
24.	Disaster Management for Police	CDTS, Ghaziabad	10-12 Sept.	P. K. Pathak Shekher Chaturvedi	13
25.	Media & Disaster Management	NIDM	11-13 Sept.	Chandrani Bandyopadhyay	25
26.	Orientation Programme on Disaster Management for students of Nursing College, Pune	NIDM	23 Sept.	K. J. Anandha Kumar Tapash Roy	33
27.	School Safety	NIDM	23-27 Sept.	Ritu Raj	23

Sl. No.	Name of Course	Venue	Date(s)	Faculty	No. of Participants
28.	ToT on School Safety	SDMA UP	23-27 Sept.	Shekher Chaturvedi	41
29.	Industrial (Chemical) Disaster Management	GIDM, Gujarat	23-27 Sept.	Anil K. Gupta Sreeja S. Nair	41
30.	Safe Hill Area Development	UAA, Uttarakhand	24-26 Sept.	Surya Parkash	35
31.	Earthquake Risk Mitigation & Management	HIPA, Himachal Pradesh	25-27 Sept.	Chandan Ghosh	38
32.	Community Based Disaster Risk Management	Sikkim	3 Oct.	Surya Parkash Ashok Sharma	45
33.	Comprehensive Landslide Risk Management	Sikkim	4-5 Oct.	Surya Parkash Ashok Sharma	45
34.	GLOF & LLOF	Sikkim	7-8 Oct.	Surya Parkash Ashok Sharma	36
35.	Forest Fire Mitigation & Management	FRI Dehradun	7-11 Oct.	A. D. Kaushik Anil K. Gupta	25
36.	IRS- Incident Commander Course	NIDM	7-8 Oct.	P. K. Pathak	18
37.	IRS- Operation Sections Chief	NIDM	9-11 Oct.	P. K. Pathak	18
38.	Orientation Programme on Disaster Management for students of AFMC, Pune	NIDM	11 Oct.	Surya Parkash K. J. Anandha Kumar Tanushree Verma	15
39.	Orientation programme on Disaster Management for APPPA Participants in collaboration with IIPA	NIDM	8 Nov.	Surya Parkash	33

Sl. No.	Name of Course	Venue	Date(s)	Faculty	No. of Participants
40.	Mainstreaming DRR into Development for JS level Officers in collaboration with DoPT	NIDM	11-12 Nov.	Anil K. Gupta Chandrani Bandyopadhyay	18
41.	Disaster Management in collaboration with Indian Literacy Mission	NIDM	11-14 Nov.	Shekher Chaturvedi	32
42.	Training Workshop on formulation of SDMP in collaboration with SDMA, Tamil Nadu	AIM, Tamil Nadu	13 Nov.	Anil K. Gupta Sreeja S.Nair	55
43.	Disaster Management for Civil Defence Officers	NIDM	18-22 Nov.	P. K. Pathak	16
44.	Gender & Disaster Management	NIDM	18-22 Nov.	AjinderWalia	11
45.	Orientation Programme on School Safety	Rockweld School, NOIDA	25 Nov.	Tanushree Verma Surya Parkash	150
46.	Long Term Recovery	NIDM	25-27 Nov.	Anil K. Gupta Shekher Chaturvedi Ashok Sharma	21
35.	Forest Fire Mitigation & Management	FRI Dehradun	7-11 Oct.	A. D. Kaushik Anil K. Gupta	25
36.	IRS- Incident Commander Course	NIDM	7-8 Oct.	P. K. Pathak	18
37.	IRS- Operation Sections Chief	NIDM	9-11 Oct.	P. K. Pathak	18

Sl. No.	Name of Course	Venue	Date(s)	Faculty	No. of Participants
38.	Orientation Programme on Disaster Management for students of AFMC, Pune	NIDM	11 Oct.	Surya Parkash K. J. Anandha Kumar Tanushree Verma	15
39.	Orientation programme on Disaster Management for APPPA Participants in collaboration with IIPA	NIDM	8 Nov.	Surya Parkash	33
40.	Mainstreaming DRR into Development for JS level Officers in collaboration with DoPT	NIDM	11-12 Nov.	Anil K. Gupta Chandrani Bandyopadhyay	18
41.	Disaster Management in collaboration with Indian Literacy Mission	NIDM	11-14 Nov.	Shekher Chaturvedi	32
42.	Training Workshop on formulation of SDMP in collaboration with SDMA, Tamil Nadu	AIM, Tamil Nadu	13 Nov.	Anil K. Gupta Sreeja S.Nair	55
43.	Disaster Management for Civil Defence Officers	NIDM	18-22 Nov.	P. K. Pathak	16
44.	Gender & Disaster Management	NIDM	18-22 Nov.	AjinderWalia	11
45.	Orientation Programme on School Safety	Rockweld School, NOIDA	25 Nov.	Tanushree Verma Surya Parkash	150
46.	Long Term Recovery	NIDM	25-27 Nov.	Anil K. Gupta Shekher Chaturvedi Ashok Sharma	21

Sl. No.	Name of Course	Venue	Date(s)	Faculty	No. of Participants
47.	Participatory Management of Forest Fire in Urban Areas	FRI, Dehradun	25-29 Nov.	Chandrani Bandyopadhyay A. D. Kaushik	10
48.	Orientation programme on disaster management for officials of DST	NIDM	26 Nov.	Anil Gupta Shekher Chaturvedi	30
49.	Orientation Programme on disaster management for Assam Secretariat officers in collaboration with ISTM	NIDM	28 Nov.	K. J. Anandha Kumar Tapash Roy	26
50.	Stampede Risk Reduction	ATI, West Bengal	4-6 Dec.	Shekher Chaturvedi P. K. Pathak	27
51.	Orientation Programme on Disaster Management for Students of Sadhu Vaswani Nursing College, Pune	NIDM	6 Dec.	K. J. Anandha Kumar Rahul Gavahane	22
52.	Orientation Programme on Disaster Management for CPWD Engineers	NIDM	16 Dec.	Chandan Ghosh	29
53.	Chemical (Industrial) Disaster Management	MDC for SHE, Odisha	16-20 Dec.	Anil K. Gupta Sreeja S. Nair	38
54.	IRS-Planning Sections Chief	NIDM	16-20 Dec.	P. K. Pathak	15
55.	CBDRM	SIRD, Tamil Nadu	16-20 Dec.	K. J. Anandha Kumar	56

Sl. No.	Name of Course	Venue	Date(s)	Faculty	No. of Participants
56.	Mainstreaming DRR into Development	ATI, West Bengal	6-9 Jan.	Chandrani Bandyopadhyay	17
57.	IRS-Logistic Section Chief	NIDM	6-10 Jan.	P. K. Pathak	14
58.	Seismic Safety Assessment of Buildings by Rapid Visual Survey	NIT Silchar, Assam	8-10 Jan.	C Ghosh	28
59.	Disaster Database Management	NIDM	20-23 Jan.	Sreeja S. Nair	34
60.	Stampede Risk Reduction	YASHADA, Maharashtra	21-23 Jan.	Shekher Chaturvedi P. K. Pathak	51
61.	Seismic Safety Assessment of Buildings by Rapid Visual Survey	Mumbai	21-22 Jan.	Chandan Ghosh	20
62.	Disaster Management for Panchayati Raj Institutions	SIRD, Chhattisgarh	28-31 Jan.	Shekher Chaturvedi Consultant	24
63.	Seismic Safety Assessment of Buildings by Rapid Visual Survey	NIDM	28-30 Jan	Chandan Ghosh	25
64.	Mainstreaming DRR into Development	NIDM	29-31 Jan.	K. J. Anandha Kumar Consultant	47
65.	Comprehensive Landslide Risk Management	NIDM	3-7 Feb.	Surya Parkash	10
66.	Disaster Management for NCC & NYKS Officers	NIDM	3-7 Feb.	P. K. Pathak Consultant	11

Sl. No.	Name of Course	Venue	Date(s)	Faculty	No. of Participants
67.	Climate Change adaptation with emphasis on Water Sector	IIPA	10-14 Feb.	K. J. Anandha Kumar Consultant	19
68.	Basic Course in DM for NDRF Officers	NIDM	10-14 Feb.	Sushma Guleria Consultant	22
69.	Seismic Safety Assessment of Buildings by Rapid Visual Survey	Chandigarh	17-19 Feb.	Chandan Ghosh	55
70.	Flood Disaster Management	NIDM	17-21 Feb.	A.D. Kaushik K. J. Anandha Kumar	28
71.	ToT on Re-examining principles of Disaster Reporting	NIDM	17-22 Feb.	KJ Anandha Kumar Chandrani Bandyopadhyay	11
72.	School Safety in collaboration with DPS Delhi	NIDM	19-21 Feb.	Ritu Raj	23
73.	Community Based Disaster Management	UPAAM, Lucknow	19-21 Feb.	Shekher Chaturvedi Anil K. Gupta	19
74.	Forestry as livelihood in climate change adaptation	FRI Dehradun	3-7 Mar.	A. D. Kaushik Chandrani Bandyopadhyay	14
75.	Community Based Risk Management	NIDM	10-14 Mar.	Chandrani Bandyopadhyay	5
76.	Methods and Indices for Identification and Assessment of Drought Scenario	NIH, Roorkee	10-14 Mar.	K. J. Anandha Kumar A. D. Kaushik	19
77.	ToT on Disaster Management	CGAA, Chhattisgarh	24-26 Mar.	Shekher Chaturvedi Sushma Guleria	30
78.	Drought Management	CAZRI, Jodhpur	24-28 Mar.	K. J. Anandha Kumar Consultant	25

Sl. No.	Name of Course	Venue	Date(s)	Faculty	No. of Participants
79.	IRS-a tool in Management of Crowd in view of Kumbh Mela	Nasik	26-28 Mar.	Shekher Chaturvedi P. K. Pathak	32
80.	School Disaster Management Plan	NIDM	3-5 Mar.	Ritu Raj	28
Total					2193
Training Programmes on India Disaster Resource Network					
81.	First	NIDM	17 April	Sreeja S.Nair Anupama Sethi	48
82.	Second	MCRHRD Institute, Hyderabad	21 June	Sreeja S. Nair Anupama Sethi	24
83.	Third	GIDM, Gujarat	30 Aug.	Sreeja S. Nair Anupama Sethi	28
84.	Fourth	Ranchi	30 Nov.	Sreeja S. Nair Anupama Sethi	29
Total					129
Grand Total					2322

List of online courses organised by NIDM during the year 2013-14

S No.	Name of the Course and Batch	Date	Task Manager	No. of Participants
Comprehensive Disaster Risk Management Framework (CDRMF)				
1	Batch-1	27 th May to 05 th July 2013	Dr. Rajnish Ranjan	34
2	Batch-2	15 th July to 23 rd August 2013	Dr. Ravinder Singh Mr. Onkar Nath Puri	73
3	Batch-3	19 th August to 27 th September 2013	Dr. Ravinder Singh	34
4	Batch-4	21 st October to 29 th November 2013	Dr. Ravinder Singh	40
5	Batch-5	30 th December 2013 to 07 th February 2014	Dr. Surya Parkash	65
6	Batch-6	03 rd March 2014 to 11 th April 2014	Mr. Manoj Kumar Singh	36
Damage and Reconstruction Need Assessment (DRNA)				
7	Batch-1	22 nd July to 16 th September 2013	Onkar Nath Puri	61
Risk Sensitive Land Use Planning (RSLUP)				
8	Batch-1	19 th August to 13 th September 2013	Dr. Ravinder Singh	51
Risk Identification, Assessment and Analysis (RA)				
9	Batch-1	16 th September to 11 th October 2013	Dr. Ravinder Singh	79
Community Based Disaster Risk Management (CBDRM)				
10	Batch-1	14 th October to 08 th November 2013	Dr. Ravinder Singh	26
Climate Change and Disaster Risk (CCDR)				
11	Batch-1	11 th November to 06 th December 2013	Mr. Ashok Kumar Sharma	24
Financial Strategies for Managing Economic Impacts of Disaster (FS)				
12	Batch-1	09 th December to 03 rd January 2014	Mr. Onkar Nath Puri	35

S No.	Name of the Course and Batch	Date	Task Manager	No. of Participants
	Earthquake Risk Reduction (ERR)			
13	Batch-1	06 th January to 31 st January 2014	Mr. Manoj Kumar Singh	29
	Safe Cities (SC)			
14	Batch-1	03 rd February to 28 th February 2014	Ms Chandrani B. Neogi	33
	Gender Aspects of Disaster Recovery & Reconstructions (GADRR)			
15	Batch-1	03 rd March to 28 th March 2014	Dr. Surya Parkash	30
	Total			650

Annex II: List of State Administrative Units

S. No.	State	Name and Address	Telephone/Fax/Email
1.	Andhra Pradesh	Sri K. Chandra Mouli, IAS Commissioner AMR Andhra Pradesh Academy of Rural Development (APARD), Rajendranagar, Hyderabad, 500 030 Andhra Pradesh, India Website : http://apard.gov.in/center_cmed.html	Tel: 040-24015959, 24014027, 24015337 , 24018656 , Fax: +91 40 24017005
2.	Arunachal Pradesh	Smt. Nandini Paliwal, IAS Director General (Trg.) Administrative Training Institute D-Sector, Naharlagum, District Papumpara, Arunachal Pradesh	Tel: 0360-2244383 (O), 2244036 (F) Fax: 0360-2243245 E-mail: director@agni.erist.ac.in
3.	Assam	Ms. Sumitra Das, IAS Director Assam Administrative Staff College, Jawahar Nagar, P. O. Khanpara, Guwahati-781022, Assam Website : http://aasc.nic.in/disaster.htm	Tel: (O) 0361-2361547, 2362442, 23263325 Fax: 0361-2362361
4.	Assam	Prof. M. K. Chaudhuri Vice - Chancellor 3, Tezpur University, Tezpur, NAPAAM, District Sonitpur, Assam-784 028. Website : http://www.tezu.ernet.in/cdm	Tel:(O) 0361-2361547, 2362442, 23263325 Fax: 0361-2362361 E-mail: staffcol@gul.satyam.net.in
5.	Bihar	Dr. E.L.S.N Bala Prasad, IAS Director General Bihar Institute of Public Administration and Rural Development WALMI Complex, Phulwari Sharif Patna-801505, Bihar Website : http://bipard.bih.nic.in	Tel: 0612-2452585 Fax: 0612-2452586
6.	Chattisgarh	Shri Sunil Kumar, IAS Director General Chattisgarh Academy of Administration, Indrawati Khand, Mantralaya Parisar, Raipur	Ph: 0771-2221280, 2222844 Fax: 0771-4080295, 4281280 Mobile: 9424200829 E-mail: dg.cgsaa@gmail.com
		Shri M.K.Tyagi, IAS Director, CGAA	Ph: 0771-2221279 Fax: 0771-4080295, 4281280 E-mail: mk.tyagi@nic.in

S. No.	State	Name and Address	Telephone/Fax/Email
7.	Delhi	Shri Ashutosh Kumar Spl. Secretary Directorate of Training UT Civil Services, Institutional Area, Vishwas Nagar, Shahadara, Delhi-110032 Website : http://delhi.gov.in/wps/wcm/connect/DoIT_UTCS/utcs/home	Tel: (O) 22304439, 2238556, Fax: 22308556 9818803606 (M)
8.	Gujarat	Shri V.Thirupugazh, IAS Executive Director, GIDM & Addl. CEO, GSDMA GIDM, Gujarat State Disaster Management Authority, Govt. of Gujarat, Block No.11, 5th Floor, Sector-11, Udyog Bhawan, Gandhinagar, Gujarat Website : http://www.gsdma.org/gidm.htm	Tel: 079-23259303, 23259246 Fax: 079-23259275
9.	Haryana	Ms. Rajani Shekheri Sibal, IAS Director General Haryana Institute of Public Administration (HIPA) Complex-76, Sector-18, Gurgaon- 122001, Haryana Website : http://hipa.nic.in/maincdm.htm	Tel: (O) 0124-2340413, 2340691, 2340462, 2340412, Fax: 95-124-2340413, 2348452 E-mail: rajni@hipa.in
10.	Himachal Pradesh	Dr. Ajay Sharma Director, Himachal Pradesh Institute of Public Administration, Fairlawans, Shimla-171012, Himachal Pradesh Website : http://himachal.nic.in/hipa	Tel: (O) 0177- 2647855, 2740294, 2740225 Fax: 0177-2647172
11.	Jammu & Kashmir	Dr. R. K. Jerath, IAS Director General J&K Institute of Management and Public Administration and Rural Development, (IMPA), 3rd Floor, Vikas Bhawan, Rail Head Complex, Jammu - 180004 Website : http://jkimpa.nic.in	Tel: (O) 0194-2472564, 2476916 (Srinagar) Fax: 0194-2472825 (Srinagar) Tel: 0191-2474389, 0191- 2473307 Fax: 0191-2479909, 2473778 (Jammu)
12.	Jharkhand	Shri A. K. Pandey Director General Shri Krishna Institute of Public Administration Meurs Road, Post-Ranchi University, Ranchi- 834008, Jharkhand Website : http://skipa.nic.in/disaster.htm	Tel: 0651- 2283804 Fax: 0651-2283806 E-mail: atirnc@tt.vsnl.net.in

S. No.	State	Name and Address	Telephone/Fax/Email
13.	Karnataka	Mrs. Amita Prasad, IAS Director General, Administrative Training Institute P. A. No. 2, Lalitha Mahal Road, Mysore-570011, Karnataka Website : http://www.atimysore.gov.in	Tel: (O) 0821-2520906, 0821-2520904 Fax: 2523899, 2520906
14.	Kerala	Shri Keshav Nambiar, IAS Director Institute of Land & Disaster Management PTP Nagar, Near Nirmithi Kendra, Trivandrum- 695038, Kerala Website : http://ildm.kerala.gov.in	Tel: 0471-2362885 (director) (O), 2365559 Fax: 0471-2365559 E-mail: ilmdirector@satyam.net.in
15.	Madhya Pradesh	Shri Manohar Dubey, IAS Executive Director Disaster Management Institute Paryavaran prisar, E-5, Arera Colony, PB No. 563 Bhopal- 462016, MP (India) Website : http://www.dmibhopal.nic.in	Tel: (O) 0755-2461538, 2466715 2464239 Fax: 0755-2464244, 2464239
16.	Maharashtra	Dr. Sanjay Chahande, IAS Director General Yashwant Chavan Academy of Development Administration, Raj Bhavan Complex, Baner Road, Ganeshkhind, Pune-410017, Maharashtra Website : http://www.yashada.org	Ph. 020-25608209/296 Fax. 020-25608269/100 E-mail: cdm.yashada@gmail.com , yashada@vsnl.com , ramaniv@gmail.com
17.	Manipur	Dr.Suhel Akhtar, IAS Commissioner, Relief & Disaster Management and Director, DMI Govt. of Manipur, Secretariat, Annexe Building, Room No.115, North Block, Imphal-795001	Tel: 0385-2440736 Fax: 0385-2450157 Mob: 09402414682 E-mail: drsuhelakhtar@gmail.com
18.	Meghalaya	Mrs. R. V. Suchiang, IAS Director Meghalaya Administrative Training Institute (MATI), IGP Point, Behind Addl. Secretariat Building, Shillong-793001, Meghalaya Website : http://www.mati.gov.in	Tel: (O) 0364-2210132, 2223578, 2224670 Fax: 0364-2226039, 2225978 (CS), E-mail: rvsddd@gmail.com
19.	Mizoram	Shri R. Lalvena, IAS Director Administrative Training Institute New Capital Complex, Khatla, Aizwal, Mizoram-796 001 Website : http://mizoram.nic.in/ATI/About.htm	Tel: (O) 0389-2335830 Fax: 0389-2335831

S. No.	State	Name and Address	Telephone/Fax/Email
20.	Nagaland	Shri V.Shashank Shekhar, IAS Director Administrative Training Institute, P. Box-162, Kimho, Kohima-797003, Nagaland Website : http://atingl.nic.in	Tel: (O) 0370-2280063/66, Fax: 0370-2280067
21.	Orissa	Shri K. S. Ganesan Director General-Trg Coordination, Gopabandhu Academy of Administration, Chandrashekharapur, Bhubaneswar-751023, Orissa Website : http://www.gopabandhuacademy.gov.in	Tel: (O) 0674-2300743, 2300981 Fax: 0674-2301530 E-mail: Orissa_ati@yahoo.com
22.	Punjab	Shri B.K. Srivastava, IAS Director General Mahatama Gandhi State Institute of Public Administration, Punjab, Sector 26, Near Sant Kabir School, Chandigarh-160019, Punjab Website : http://www.mgsipap.org	Tele-Fax (O) 0172-2792114 Fax: 2793588-91
23.	Rajasthan	Shri Chandra Mohan Meena Director General HCM Rajasthan State Institute of Public Administration, Jawaharlal Nehru Marg, Jaipur- 302017, Rajasthan Website : http://www.hcmripa.gov.in/dmgmt.html	Tel: (O) 2706556, 2704950- 56 Fax: 0141-2705420, 2702542 Tel: Udaipur - 0294- 2431355 E-mail: hcmripa@sanchar.net.in
24.	Sikkim	Sikkim Dr. L.M.S. Palni, IAS Director G.B. Pant Institute of Himalayan Environment and Development, Sikkim Unit, Gangtok HQ at: Kosi Katarmal, Almora-263643 Uttarakhand (Sikkim Unit) Website : http://gbpihed.gov.in/sikkim_unit.htm	Tel: 05962-241015 Fax: 05962-241150
25.	Tamil Nadu	Thiru D. Jothi Jagarajan, IAS Director AIM and DG Training (Ex Officio) Administrative Training Institute, 163/1, P S Kumarasamy, Raja Salai, Greenways Road, Chennai- 600028, Tamil Nadu Website : http://www.annainstitute.org	Tel: (O) 044-24938247, 24937062, 24937170 Fax: 044-24937062 E-mail: diraim@tn.gov.in

S. No.	State	Name and Address	Telephone/Fax/Email
26.	Tripura	Shri G.K. Rao, IAS Director General State Institute of Public Administration and Rural Development (SIPARD), Camper Bazar, A. D. Nagar, P. O. SD Mission, Camper Bazar, Agartalla, Tripura West-799003 Website : http://www.sipard.nic.in	Tel: (O) 0381- 2374048, 2376036 Fax: (0381) 2230613 Email: sipard@rediffmail.com
27.	Uttar Pradesh	Mr. Jagan Mathews, IAS Director General Uttar Pradesh Academy of Administration and Management Sector-'D', ALIGANJ, Lucknow-226024, Uttar Pradesh Website : http://www.upacademy.org/disatermgmt.htm	Tel: 0522-2336292, 2335158 2329082, 2379739 (DG (O)) Fax: 0522-2386747 E-mail: dg@upacademy.org
28.	Uttarakhand	Shri Ajay Kumar Joshi, IAS Director General Uttarakhand Academy of Administration Ardwell Camp, Mallital Nainital-263001, Uttarakhand Website : http://www.uaoa.in/wp.aspx?p=21	Tel: (O) 05942-239114, 236149 Fax: 05942-239114, 237642
29.	Uttarakhand	Dr. Piyoosh Rautela Executive Director Disaster Mitigation and Management Centre, Department of Disaster Management, Uttarakhand Secretariat Rajpur Road, Dehradun-248001 Uttarakhand Website : http://dmmc.uk.gov.in	Tel: (O) 0135-2710232, 2710233 Fax: 0135-2710199, 2710334, 2710335, 2710233
30	West Bengal	Dr. M.N. Roy, IAS Director Administrative Training Institute, Government of West Bengal FC Block, Sector III, Salt Lake City, Kolkata-700 106 Website : http://atiwb.gov.in/NDM.htm	Tel: (O) 033-23373960, 23596721, 22477727 Fax: 033-23373960 E-mail: atiwb@giascl01.vsnl.net.in

Annex III: List of Members of General Body Meeting of the Institute

S. No.	Members	
1.	Hon'ble Union Home Minister, Ministry of Home Affairs, North Block, New Delhi-110 011	President
2.	Hon'ble Vice-Chairperson, National Disaster Management Authority, NDMA Bhawan, Trauma Centre, AIIMS, A-1, Safdarjung Enclave, New Delhi	Vice President
3.	Hon'ble Member, National Disaster Management Authority, NDMA Bhawan, Trauma Centre, AIIMS, A-1, Safdarjung Enclave, New Delhi	Member
4.	Union Home Secretary, North Block, New Delhi	Member
5.	Secretary, Ministry of Finance, Department of Expenditure, North Block, New Delhi	Member
6.	Secretary, Ministry of Agriculture, Krishi Bhawan, New Delhi	Member
7.	Secretary, Ministry of External Affairs, South Block, New Delhi	Member
8.	Secretary, Ministry of Health & family Welfare, Nirman Bhavan, New Delhi	Member
9.	Secretary, Ministry of Science & Technology, Technology Bhavan, New Mehrauli Road, New Delhi	Member
10.	Secretary, Department of Atomic Energy, South Block, New Delhi	Member
11.	Secretary, Department of Space, Lok Nayak Bhavan, New Delhi	Member
12.	Secretary, Ministry of Earth Sciences, Mahasagar Bhavan, Block No. 12, CGO Complex, Lodhi Road, New Delhi -110003	Member
13.	Secretary (Border Management), Ministry of Home Affairs, North Block, New Delhi	Member
14.	Additional Secretary and Financial Adviser, Ministry of Home Affairs, North Block, New Delhi	Member
15.	Secretary/Additional Secretary, National Disaster Management Authority, NDMA Bhawan, Trauma Centre, AIIMS, A-1, Safdarjung Enclave, New Delhi	Member
16.	Director General, Civil Defence & National Disaster Response Force, East Block-7, Level-7, R.K. Puram, New Delhi-66.	Member
17.	Deputy Chief of Integrated Defence Staff, Doctrine Organisation & Training (DOT), IDS, HQ Integrated Defence Staff, 23 South Hutments, Kashmir House, Rajaji Marg, New Delhi - 110 001.	Member
18.	Secretary (Disaster Management), Government of Gujarat, Revenue Department, Block - 11, 3 Floor, New Sachivalaya, Gandhinagar - 382010.	Member
19.	Secretary (Disaster Management), Department of Disaster Management, Government of Bihar, Old Secretariat, Patna - 800 015.	Member

S. No.	Members	
20.	Vice-Chancellor, Guru Gobind Singh Indraprastha University, Kashmiri Gate, Delhi-110 006.	Member
21.	Director, Lal Bahadur Shastri National Academy of Administration, Mussoorie - 248 179.	Member
22.	Director, Sardar Vallabha Bhai Patel National Police Academy, Sivrampally, Hyderabad - 500 052.	Member
23.	Director General, India Meteorological Department, Mausam Bhavan, Lodhi Road, New Delhi	Member
24.	Director, Indian Institute of Management, Kolkata, Joka, D.H. Road, Kolkata-700 104.	Member
25.	Director, Indian Institute of Technology, Roorkee, Uttarakhand.	Member
26.	Chairman, Central Water Commission, Sewa Bhavan, R.K. Puram, New Delhi	Member
27.	Director, Indian Institute of Public Administration, I.P. Estate, New Delhi	Member
28.	Director General, Indian Council of Agriculture Research, Krishi Bhavan, New Delhi	Member
29.	Director General, Andhra Pradesh Academy of Rural Development, Rajendranagar, Hyderabad - 500 030.	Member
30.	Director General, Indian Council of Medical Research, V. Ramalingaswami Bhavan Ansari Nagar, New Delhi -110 029.	Member
31.	Chairman, Uttarakhand Administrative Reforms Commission, 159 Shradha Kunj, Vasant Vihar, Chakrata Road, Dehradun	Member
32.	National Seismic Advisor, Ministry of Home Affairs, I.P. Estate, New Delhi	Member
33.	CMD, General Insurance Corporation, Suraksha, J Tata Road, Churchgate, Mumbai -400 020.	Member
34.	CMD, Allahabad Bank, Head Office, 2, N. S. ROAD, Kolkata- 700 001	Member
35.	President, Federation of Indian Chamber of Commerce and Industry (FICCI), Federation House, New Delhi	Member
36.	President, Confederation of Indian Industry (CII), Core 4-A, 4 th Floor, India Habitat Centre, Lodhi Estate, New Delhi - 110 003.	Member
37.	Shri Mihir R. Bhatt, Director, All India Disaster Mitigation Institute, 411, Sakar Five, Near Natraj Cinema, Ashram Road, Ahmedabad -9.	Member
38.	Shri S.P. Agarwal, Secretary General, Indian Red Cross Society, 1 Red Cross Road, New Delhi	Member
39.	Director, National Geophysical Research Institute, Uppal Road, Hyderabad - 500 007.	Member

S. No.	Members	
40.	Director General, Health Services, Ministry of Health & Family Welfare, Nirman Bhavan, New Delhi	Member
41.	Professor, National Institute of Disaster Management, IIPA Campus, IP Estate, Mahatma Gandhi Road, New Delhi-110002	Member
42.	Executive Director, National Institute of Disaster Management, IIPA Campus, IP Estate, Mahatma Gandhi Road, New Delhi-110002	Member Secretary



V.K. Sehgal & Associates
Chartered Accountants

**To the members of
The governing Body of National Institute of Disaster Management.**

We have audited the accompanying financial statements of **National Institute of Disaster Management** which comprise the Balance Sheet as at 31st March, 2014, the Income & Expenditure Account and the Receipt and Payment Account for the year then ended and a summary of significant accounting policies and other additional information.

The Management is responsible for the preparation of these financial statements that give a true and fair view of the financial position and financial performance of the entity in accordance with the Accounting Standards issued by the Institute of Chartered Accountant of India. This responsibility includes the design, implementation and maintenance of internal control relevant to the preparation and presentation of the financial statements that give a true and fair view and are free from material misstatement, whether due to fraud or error.

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with the Standards on Auditing issued by the Institute of Chartered Accountants of India. Those Standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the Company's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of the accounting estimates made by the Management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

The management of the institute has not complied with accounting policies adopted for preparation of financial Statements. The management has opted accrual basis for accounting of financial statements but has not accounted the salary for the month of March amounting to Rs. 22,75,829/-, contravention of TDS provisions and disagreement with Accounting Standard – 1, Disclosures of Accounting Policies.

In our opinion and to the best of our information and according to the explanations given to us, the financial statements give the information in the manner so required and give a true and fair view except for above qualification in conformity with the accounting principles generally accepted in India:

- (i) In the case of the Balance Sheet, of the state of affairs of the company as at 31st March, 2014;



- (ii) In the case of the Statement of income & Expenditure Account, of the expenditure excess over income of the company for the year ended on that date.
- (iii) In the case of the Receipt and Payment Account, of the receipts and payments of the institute for the year ended on that date

We report that:

- a. We have obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purpose of our audit;
- b. In our opinion proper books of account as required by law have been kept by the Institute so far as appears from our examination of those books;
- c. The Balance Sheet and Statement of Income & Expenditure dealt with by this Report are in agreement with the books of account;

For **V.K.Sehgal & Associates**
Firm's Reg. No.011519N
Chartered Accountants



Anuj Maheshwari

Anuj Maheshwari
Partner
M. No. 096530

Place: New Delhi
Dated: 08th October, 2014

NATIONAL INSTITUTE OF DISASTER MANAGEMENT
(A Statutory Body under Ministry of Home Affairs)

BALANCE SHEET AS ON 31ST MARCH, 2014

(Amount in Rs.)

PARTICULARS	SCHE- DULE	31.03.2014 AMOUNT	31.03.2013 AMOUNT
<u>CORPUS/CAPITAL FUND AND LIABILITIES</u>			
RESERVES AND SURPLUS	'1'	86,687,010.55	102,991,524.64
CURRENT LIABILITIES AND PROVISIONS	'2'	28,576,178.00	26,751,038.00
Total		115,263,188.55	129,742,562.64
<u>ASSETS</u>			
FIXED ASSETS	'3'	60,259,721.91	79,786,122.00
INVESTMENTS	'4'	62,745,718.00	53,746,181.00
CURRENT ASSETS, LOANS AND ADVANCES	'5'	(7,742,251.36)	(3,789,740.36)
Total		115,263,188.55	129,742,562.64
SIGNIFICANT ACCOUNTING POLICIES AND NOTES TO THE ACCOUNTS			
12			
Checked and found correct from the Books of Accounts produced before us			
For, V.K.Sehgal & Associates Chartered Accountants Firm's Reg. No. 011519N		For, National Institute of Disaster Management	
Anuj Maheshwari Partner M. No. 096530		Dr. Satendra Executive Director	
Place: New Delhi Date: 08th October, 2014		Ramesh Kumar Account Officer	

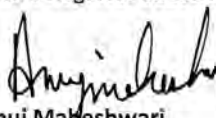
FORM GFR 19-A[See Govt. of India Decision (1) below Rule 150]**UTILIZATION CERTIFICATE**

S.No.	Letter No. and Date	Amount (Rs.)	
1.	45-25/2013 – NDM-II Dated 31 st July, 2014	Rs. 9,00,00,000/-	Certified that out of Rs. 9,00,00,000/- of grants-in-aid sanctioned during the year 2013-14 in favour of National Institute of Disaster Management having its office at IIPA Campus, I.P. Estate, New Delhi – 110002, under the Ministry of Home Affairs, Letter No. Given in the margin and the unutilized grant balance of Rs. 1,98,63,175/- brought from previous year, an amount of Rs. 09,03,20,926/- has been utilized for the purpose for which it was sanctioned and that the balance of Rs. 1,95,42,249/- remaining unutilized at the end of the year will be adjusted towards grants-in-aid payable during the next year.
	Total	Rs. 9,00,00,000/-	
3.	Certified that I have satisfied myself that the conditions on which the grants-in-aid were sanctioned have been duly fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.		

Kinds of checks exercised

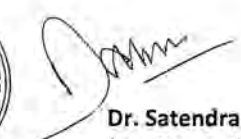
Verification of documentary evidence including bills, payment vouchers, Bank Statements and examination of the books of account.

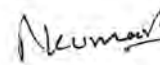
For, V.K.Sehgal & Associates
Chartered Accountants
Firm's Reg. No. 011519N


Anuj Maheshwari
(Partner)
M. No. 096530



For, National Institute of Disaster Management


Dr. Satendra
(Ex. Director)


Ramesh Kumar
(Account Officer)

Place: New Delhi
Date: 08th October, 2014

NATIONAL INSTITUTE OF DISASTER MANAGEMENT
(Ministry of Home Affairs)
INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH, 2014

(Amount in Rs.)

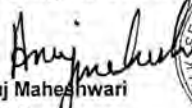
PARTICULARS	SCHE- DULE	31.03.2014	31.03.2013
<u>INCOME/GRANT FROM(MHA)</u>			
Grant in Aid Received from MHA	'6'	90,000,000.00	70,850,000.00
Total A		90,000,000.00	70,850,000.00
<u>EXPENDITURE (MHA-Grant)</u>			
Establishment Expenses	7	34,756,604.00	26,793,246.00
Other Administrative Expenses	8	38,983,881.00	35,512,820.00
Expenditure on Training Programmes/Workshops	9	14,555,968.00	12,960,205.00
Depreciation	3	21,550,873.09	-
Total B		109,847,326.09	75,266,271.00
BALANCE BEING THE SURPLUS/DEFICIT FROM MHA FUND (A-B)		(19,847,326.09)	(4,416,271.00)
<u>INCOME/ EXPENDITURE FROM OTHER SOURCES</u>			
Interest Earned (CPF)	10	2,078,938.00	2,451,172.00
Income/Expenditure from Other sources		1,814,700.00	-
Total C		3,893,638.00	2,451,172.00
BALANCE BEING THE SURPLUS/(DEFICIT) CARRIED TO BALANCE SHEET (A - B+C)		(15,953,688.09)	(1,965,099.00)

SIGNIFICANT ACCOUNTING POLICIES AND
NOTES TO THE ACCOUNTS

11

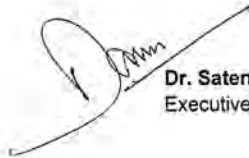
As per our report on the Balance Sheet date

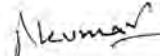
For, V.K.Sehgal & Associates
Chartered Accountants
Firm's Reg. No. 011519N


Anuj Maheshwari
Partner
M. No. 096530



For, National Institute of Disaster Management


Dr. Satendra
Executive Director


Ramesh Kumar
Account Officer

Place: New Delhi
Date: 08th October, 2014

NATIONAL INSTITUTE OF DISASTER MANAGEMENT**RECEIPTS AND PAYMENT ACCOUNT FOR THE YEAR ENDED 31ST MARCH, 2014**

(Amount in Rs.)

PARTICULAR	31.03.2014	31.03.2013
<u>RECEIPTS</u>		
<u>OPENING BALANCE</u>		
Cash in hand	-	-
Bank Balances (Current Account)	(5,899,174.01)	(533,432.51)
Bank Balances (CPF Fixed Deposits)	20,440,381.00	13,090,550.78
Bank Balances (Others Fixed Deposits)	33,305,800.00	42,500,000.00
	47,847,006.99	55,057,118.27
<u>GRANT RECEIVED FROM</u>		
MHA for Scheme on NDM Programme (Revenue)	90,000,000.00	70,850,000.00
MHA for Scheme on NDM Programme (Capital)	-	55,417,002.00
Unutilized fund received in NPCEBERM/NPCBAERM Project	226,905.00	60,958.50
Receipt from NDMA for NDRR Day	480,000.00	900,000.00
Receipt from NDMA for NSPP Prog	-	1,000,000.00
Unutilized fund received from ATI's	771,492.00	3,558,634.00
Receipt from NPCDRR programme	92,216.00	48,000.00
	91,570,613.00	131,834,594.50
Receipt from employee payable to PAO MHA	-	56,050.00
Bank Interest	686,287.00	804,189.00
Interest on FD capitalised with CPF	2,404,197.00	2,492,307.22
Fee from Online Web Course	-	9,183.00
C. Provident Fund	1,670,471.00	1,445,815.00
Security Deposit	106,850.00	94,980.00
	4,867,805.00	4,902,524.22
Electricity/Water bill received from SAARC/IHD	894,817.00	1,276,593.00
Misc. Receipt	37,800.00	109.00
Loan & Advances (Net)	-	-
	932,617.00	1,276,702.00
TOTAL	145,218,041.99	193,070,938.99



PAYMENTS				
CAPITAL EXPENDITURE				
Machinery and Equipment	1,502,242.00		579,626.00	
Library	384,262.00		307,495.00	
Furniture & Fixture	137,969.00		364,656.00	
Land in Rohini Sec 29	-		55,518,126.00	
Infrastructure	-	2,024,473.00	390,211.00	57,160,316.00
REVENUE EXPENDITURE				
Training Programme/workshops	13,351,961.00		12,213,710.00	
Trg Programme for NDMA Fund	4,390,176.00		2,628,648.00	
		17,742,137.00		14,842,358.00
Loan & Advance (Net)	131,202.00		118,511.00	
		131,202.00		118,511.00
Establishment Expenses				
Salary and Allowances	29,100,705.00		23,366,353.00	
Leave Travel Concession/LTA	382,086.00		986,057.00	
Bonus	82,896.00		86,350.00	
LSPC	49,020.00		117,190.00	
Medical	537,277.00		274,383.00	
Tuition Fees	163,447.00		447,973.00	
		30,315,431.00		25,278,306.00
Withdrawals/Advances from Provident Fund	150,000.00		376,993.00	
Security Deposit	104,980.00		20,000.00	
Expense payable	1,786,010.00		11,089,518.00	
		2,040,990.00		11,496,511.00
Other Administrative Expenses				
Repair and Maintenance	2,295,625.00		1,506,589.00	
Postage	229,263.00		194,747.00	
Printing and Stationery	801,285.00		749,844.00	
Electricity & Water charges	2,802,780.00		2,609,037.00	
Rent, Rates and Taxes	11,586,384.00		12,939,845.00	
Miscellaneous Expenses	587,958.00		628,251.00	
News papers and Periodicals	77,913.00		70,245.00	
Telephone Expenses	549,635.00		532,901.00	
Advertisement Expenses	18,423,295.00		13,463,098.00	
Domestic Travel	1,069,841.00		1,148,986.00	
Foreign Travel	522,353.00		362,813.00	
Professional charges	45,326.00		45,326.00	
Publication	264,389.00		1,063,781.00	
Bank Charges	2,883.00		24,811.00	
Research & Development	796,632.00		697,656.00	
Office Building Survey	60,000.00		-	
		39,915,562.00		36,037,930.00
Expenditure on Training Programme/Workshop				
South Africa Prog. Expenses	-		290,000.00	
				290,000.00
CLOSING BALANCE				
Cheque issued but not presented for fixed deposit	2,271,324.00		-	
Bank Balances (CPF Fixed Deposits)	25,062,771.00		20,440,381.00	
Bank Balances (Other Fixed Deposits)	37,682,947.00		33,305,800.00	
Bank Balances (Current Account)	(11,968,795.01)	53,048,246.99	(5,899,174.01)	47,847,006.99
TOTAL		145,218,041.99		193,070,938.99

As per Our Report on the Balance Sheet

For, V.K. Sehgal & Associates
Chartered Accountants
Firm's Reg. No. 011519N

Anuj Maheshwari
Partner
M.No. 096540



For, National Institute of Disaster Management

Dr. Satendra
Executive Director

Ramesh Kumar
Account Officer

Place: New Delhi
Date: 08th October, 2014

NATIONAL INSTITUTE OF DISASTER MANAGEMENT

(Amount in Rs.)

SCHEDULE : '1'	31.03.2014	31.03.2013
<u>Excess of Income over Expenditure</u>		
Opening Balance	102,991,524.64	49,645,316.14
ADD: Capital Grant Received From MHA for Purchase of land	-	55,417,002.00
Less:- Previous years rectification	818,315.00	(105,694.50)
ADD: Excess of Income (Expenditure) Over Expenditure (Income) Transferred from Income and Expenditure Account	(19,847,326.09)	(1,965,099.00)
ADD: Income from other sources Transferred Government Account	4,361,127.00	
Total	86,687,010.55	102,991,524.64

SCHEDULE : '2'	31.03.2014	31.03.2013
<u>Staff Contributory Provident Fund</u>		
Opening Balance	20,223,778.00	16,343,348.00
ADD : - Employer Contribution	1,528,171.00	1,325,015.00
- Employee Subscription	1,670,471.00	1,492,383.00
- Interest	1,790,351.00	1,440,025.00
	25,212,771.00	20,600,771.00
LESS : Withdrawals/Advances	150,000.00	376,993.00
	25,062,771.00	20,223,778.00
Earnest Money Deposit	161,480.00	161,480.00
Amount payable towards CGHS, CGEIS, Licence Fee, etc.	234,169.00	189,594.00
Payable to PAO, CGWB A/c	8,725.00	-
Expenses Payable	3,109,033.00	1,786,010.00
Public Ledger Account (PLA) Misc. Receipt A/c	-	4,390,176.00
Total	28,576,178.00	26,751,038.00

SCHEDULE : '4'	31.03.2014	31.03.2013
Fixed deposits with UCO, Bank (Staff Contributory Provident Fund)	25,062,771.00	20,440,381.00
Fixed Deposits	37,682,947.00	33,305,800.00
Total	62,745,718.00	53,746,181.00

SCHEDULE : '5'	31.03.2014	31.03.2013
A. CURRENT ASSETS		
Cash in hand	-	-
<u>Bank Balances with :</u>		
UCO Bank Account No. 1820020000924924	(11,968,795.01)	(5,899,174.01)
B. LOANS, ADVANCES AND OTHER ASSETS		
Staff Advance	2,735.00	718.00
Sundry Debtor	993,799.00	357,205.00
Security Deposits	13,130.00	15,000.00
Tax Deducted at source recoverable	253,673.65	253,673.65
Interest accrued on fixed deposit(CPF)	-	676,085.00
Prepaid Expenses	-	125,000.00
Advance for Contingent Expenses	1,000.00	2,336.00
Conveyance Advance	36,186.00	41,334.00
Festival Advance	25,248.00	27,498.00
Receivable From NCRMP Project	18,864.00	-
Receivable from NDMA- NSSP Programme	610,584.00	610,584.00
Cheque Issued but not presented for Fixed deposit	2,271,324.00	-
Total	(7,742,251.36)	(3,789,740.36)



NATIONAL INSTITUTE OF DISASTER MANAGEMENT

SCHEDULE : '6' GRANTS RECEIVED FROM MHA (DM-Division)	31.03.2014	31.03.2013
Grant received from Ministry of Home Affairs under the Central Sector Scheme on National Disaster Management programme	90,000,000.00	126,267,002.00
Less: Capital Grant received for Purchase of land	-	55,417,002.00
TOTAL	90,000,000.00	70,850,000.00

SCHEDULE : '7' ESTABLISHMENT EXPENSES (MHA-Grant)	31.03.2014	31.03.2013
Salary and Allowances	29,196,423.00	21,659,682.00
Leave Travel Concession/LTA	382,086.00	1,001,237.00
Bonus	82,896.00	86,350.00
Contribution to Provident Fund	1,528,171.00	1,325,015.00
Interest Accrued on Balance in Staff provident Fund	1,790,351.00	1,440,025.00
Medical	537,277.00	274,383.00
Tuition Fees	363,730.00	685,092.00
LSPC	875,670.00	321,462.00
Adhoc allowance	-	-
TOTAL	34,756,604.00	26,793,246.00

SCHEDULE : '8' OTHER ADMINISTRATIVE EXPENSES (MHA-Grant)	31.03.2014	31.03.2013
Repair and Maintenance	2,321,820.00	1,766,638.00
Postage	399,300.00	446,878.00
Printing and Stationery	609,925.00	768,515.00
Electricity & water charges	1,504,775.00	1,354,871.00
Miscellaneous Expenses	670,231.00	646,975.00
News papers and Periodicals	77,913.00	82,643.00
Telephone Expenses	554,779.00	562,323.00
Advertisement & Publicity	18,441,372.00	13,468,098.00
Domestic Travel	1,162,841.00	1,253,400.00
Foreign Travel	522,353.00	362,813.00
Professional charges	51,326.00	51,326.00
Rent, Rate & taxes	11,586,384.00	12,939,845.00
Bank Charges	2,883.00	35,058.00
Publication	264,389.00	1,063,781.00
Research & Documentaion	813,590.00	709,656.00
TOTAL	38,983,881.00	35,512,820.00

SCHEDULE : '9' EXPENDITURE ON TRAINING PROGRAMME (MHA-Grant)	31.03.2014	31.03.2013
Training Programmes/Workshop Expenses	14,555,968.00	12,960,205.00
TOTAL	14,555,968.00	12,960,205.00

SCHEDULE : '10' INTEREST EARNED	31.03.2014	31.03.2013
Interest on Fixed Deposit (CPF)	2,078,938.00	2,451,172.00
Interest others	686,287.00	-
Fee from NPCDRR Programme	92,216.00	-
Fee from NPCBEERM Programme	226,905.00	-
Upsent Balance from ATI'S received	771,492.00	-
Sales Misc	37,800.00	-
TOTAL	3,893,638.00	2,451,172.00



SCHEDULE 3

FIXED ASSETS

Particulars	Rate	WDV as on 01/04/2003	Addition		Deduction	Total	Dep for the Year	WDV as on 31/03/2004
			Up to 03/10/03	After 03/10/03				
			Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
BOOKS	60%	-	-	57,536.00	-	57,536.00	17,261.00	40,275.00
OFFICE EQUIPMENT	15%	-	-	64,936.00	-	64,936.00	4,870.00	60,066.00
FURNITURE & FIXTURE	15%	-	-	1,274,189.00	-	1,274,189.00	95,564.00	1,178,625.00
<u>COMPUTER</u>								
COMPUTER AND ACCESSORIES	60%	-	-	1,091,646.00	-	1,091,646.00	327,494.00	764,152.00
SOFTWARE	60%	-	-	520,625.00	-	520,625.00	156,188.00	364,437.00
Total		-	-	3,008,932.00	-	3,008,932.00	601,377.00	2,407,555.00

FIXED ASSETS

Particulars	Rate	WDV as on 01/04/2004	Addition		Deduction	Total	Dep for the Year	WDV as on 31/03/2005
			Up to 03/10/04	After 03/10/04				
			Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
BOOKS	60%	40,275.00	126,513.00	-	-	166,788.00	100,073.00	66,715.00
OFFICE EQUIPMENT	15%	60,066.00	-	132,888.00	-	192,954.00	13,960.00	178,994.00
FURNITURE & FIXTURE	15%	1,178,625.00	1,694,150.00	67,050.00	-	2,939,825.00	435,945.00	2,503,880.00
<u>PLANT & MACHINERY</u>								
PLANT AND MACHINERY	40%	-	80,250.00	219,897.00	-	300,147.00	76,079.00	224,068.00
<u>COMPUTER</u>								
COMPUTER AND ACCESSORIES	60%	764,152.00	573,964.00	989,132.00	-	2,327,248.00	1,099,609.00	1,227,639.00
SOFTWARE	60%	364,437.00	-	113,650.00	-	478,087.00	243,310.00	234,777.00
Total		2,407,555.00	2,474,877.00	1,522,617.00	-	6,405,049.00	1,968,976.00	4,436,073.00

Continued

FIXED ASSETS

Particulars	Rate	WDV as on 01/04/2005	Addition		Deduction	Total	Dep for the Year	WDV as on 31/03/2006
			Up to 03/10/05	After 03/10/05				
			Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
BOOKS	60%	66,715.00	-	232,354.00	-	299,069.00	109,735.32	189,333.68
OFFICE EQUIPMENT	15%	178,994.00	-	3,800.00	-	182,794.00	27,134.12	155,659.88
FURNITURE & FIXTURE	10%	2,503,880.00	11,500.00	-	-	2,515,380.00	251,538.00	2,263,842.00
<u>PLANT & MACHINERY</u>								
PLANT AND MACHINERY	40%	224,068.00	862,587.00	-	-	1,086,655.00	434,661.84	651,993.16
<u>COMPUTER</u>								
COMPUTER AND ACCESSORIES	60%	1,227,639.00	18,400.00	7,528.00	-	1,253,567.00	749,881.88	503,685.32
SOFTWARE	60%	234,777.00	196,710.00	2,789,952.00	-	3,221,439.00	1,095,877.68	2,125,561.32
Total		4,436,073.00	1,089,197.00	3,033,634.00	-	8,558,904.00	2,668,828.64	5,890,075.36



FIXED ASSETS

Particulars	Rate	WDV as on 01/04/2006	Addition		Deduction	Total	Dep for the Year	WDV as on 31/03/2007
			More than 180 Days	Less than 180 Days				
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
BOOKS	60%	189,333.68	-	645,040.00	-	834,373.68	307,112.33	527,261.35
OFFICE EQUIPMENT	15%	155,659.88	420,128.00	181,609.00	-	757,396.88	99,888.88	657,408.00
FURNITURE & FIXTURE	10%	2,263,842.00	-	-	-	2,263,842.00	226,384.20	2,037,457.80
<u>PLANT & MACHINERY</u>								
PLANT AND MACHINERY	40%	651,993.16	-	292,395.00	-	944,388.16	319,276.10	625,112.06
<u>COMPUTER</u>								
COMPUTER AND ACCESSORIES	60%	503,665.32	2,805,026.00	852,454.00	-	4,161,165.32	2,240,962.87	1,920,202.45
SOFTWARE	60%	2,125,561.32	353,804.00	39,000.00	-	2,518,365.32	1,499,319.07	1,019,046.25
Total		5,890,075.36	3,578,958.00	2,010,498.00	-	11,479,531.36	4,693,043.45	6,786,487.91

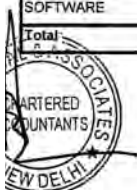
FIXED ASSETS

Particulars	Rate	WDV as on 01/04/2007	Addition		Deduction	Total	Dep for the Year	WDV as on 31/03/2008
			More than 180 Days	Less than 180 Days				
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
BOOKS	60%	527,261.35	-	-	-	527,261.35	316,367.00	210,904.35
OFFICE EQUIPMENT	15%	657,408.00	-	-	-	657,408.00	98,611.00	558,797.00
FURNITURE & FIXTURE	10%	2,037,457.80	-	-	-	2,037,457.80	203,746.00	1,833,711.80
<u>PLANT & MACHINERY</u>								
PLANT AND MACHINERY	40%	625,112.06	-	-	-	625,112.06	250,045.00	375,067.06
<u>COMPUTER</u>								
COMPUTER AND ACCESSORIES	60%	1,920,202.45	-	-	-	1,920,202.45	1,152,121.00	768,081.45
SOFTWARE	60%	1,019,046.25	-	-	-	1,019,046.25	611,428.00	407,618.25
Total		6,786,487.91	-	-	-	6,786,487.91	2,632,308.00	4,154,179.91

Continued

FIXED ASSETS

Particulars	Rate	WDV as on 01/04/2008	Addition		Deduction	Total	Dep for the Year	WDV as on 31/03/2009
			More than 180 Days	Less than 180 Days				
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
BOOKS	60%	210,904.35	-	765,275.00	-	976,179.35	356,125.00	620,054.35
OFFICE EQUIPMENT	15%	558,797.00	10,463.00	12,709.00	-	581,969.00	86,342.00	495,627.00
FURNITURE & FIXTURE	10%	1,833,711.80	-	134,655.00	-	1,968,366.80	190,104.00	1,778,262.80
<u>PLANT & MACHINERY</u>								
PLANT AND MACHINERY	40%	375,067.06	-	369,522.00	-	744,589.06	161,532.00	583,057.06
<u>COMPUTER</u>								
COMPUTER AND ACCESSORIES	60%	768,081.45	342,492.00	51,137.00	-	1,161,710.45	681,685.00	480,025.45
SOFTWARE	60%	407,618.25	-	-	-	407,618.25	244,571.00	163,047.25
Total		4,154,179.91	352,955.00	1,333,298.00	-	5,840,432.91	1,720,359.00	4,120,073.91



FIXED ASSETS

Particulars	Rate	WDV as on 01/04/2009	Addition		Deduction	Total	Dep for the Year	WDV as on 31/03/2010
			More than 180 Days	Less than 180 Days				
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
BOOKS	60%	620,054.35	-	378,869.00	-	998,923.35	485,693.00	513,230.35
OFFICE EQUIPMENT	15%	495,627.00	9,980.00	10,000.00	-	515,607.00	76,591.00	439,016.00
FURNITURE & FIXTURE	10%	1,778,262.80	271,856.00	-	-	2,050,118.80	205,012.00	1,845,106.80
<u>PLANT & MACHINERY</u>								
PLANT AND MACHINERY	40%	583,057.06	-	-	-	583,057.06	233,223.00	349,834.06
<u>COMPUTER</u>								
COMPUTER AND ACCESSORIES	60%	480,025.45	766,951.00	452,643.00	-	1,699,619.45	883,979.00	815,640.45
SOFTWARE	60%	163,047.25	-	-	-	163,047.25	97,628.00	65,219.25
Total		4,120,073.91	1,048,787.00	841,512.00	-	6,010,372.91	1,982,326.00	4,028,046.91

FIXED ASSETS

Particulars	Rate	WDV as on 01/04/2010	Addition		Deduction	Total	Dep for the Year	WDV as on 31/03/2011
			More than 180 Days	Less than 180 Days				
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
BOOKS	60%	513,230.35	-	475,743.00	-	988,973.35	450,661.00	538,312.35
OFFICE EQUIPMENT	15%	439,016.00	-	84,645.00	-	523,661.00	72,201.00	451,460.00
FURNITURE & FIXTURE	10%	1,845,106.80	-	119,925.00	-	1,965,031.80	190,507.00	1,774,524.80
<u>PLANT & MACHINERY</u>								
PLANT AND MACHINERY	40%	349,834.06	-	-	-	349,834.06	139,934.00	209,900.06
<u>COMPUTER</u>								
COMPUTER AND ACCESSORIES	60%	815,640.45	149,900.00	614,280.00	-	1,579,820.45	763,608.00	816,212.45
SOFTWARE	60%	65,219.25	-	-	-	65,219.25	39,131.00	26,088.25
Total		4,028,046.91	149,900.00	1,294,593.00	-	5,472,539.91	1,656,042.00	3,816,497.91

Continued

FIXED ASSETS

Particulars	Rate	WDV as on 01/04/2011	Addition		Deduction	Total	Dep for the Year	WDV as on 31/03/2012
			More than 180 Days	Less than 180 Days				
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
BOOKS	60%	538,312.35	-	180,380.00	19,613.00	699,079.35	365,333.00	333,746.35
OFFICE EQUIPMENT	15%	451,460.00	-	162,802.00	-	614,262.00	79,929.00	534,333.00
FURNITURE & FIXTURE	10%	1,774,524.80	40,495.00	466,276.00	-	2,281,295.80	204,816.00	2,076,479.80
<u>PLANT & MACHINERY</u>								
PLANT AND MACHINERY	40%	209,900.06	-	-	-	209,900.06	83,960.00	125,940.06
<u>COMPUTER</u>								
COMPUTER AND ACCESSORIES	60%	816,212.45	21,336.00	36,551.00	-	874,099.45	513,494.00	360,605.45
SOFTWARE	60%	26,088.25	-	-	-	26,088.25	15,653.00	10,435.25
Total		3,816,497.91	61,831.00	846,009.00	19,613.00	4,704,724.91	1,263,185.00	3,441,539.91



FIXED ASSETS

Particulars	Rate	WDV as on 01/04/2012	Addition		Deduction	Total	Dep for the Year	WDV as on 31/03/2013
			More than 180 Days	Less than 180 Days				
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
BOOKS	60%	333,746.35	-	307,495.00	2,179.00	639,062.35	291,188.00	347,874.35
OFFICE EQUIPMENT	15%	534,333.00	32,954.00	23,890.00	-	591,177.00	86,885.00	504,292.00
FURNITURE & FIXTURE	10%	2,076,479.80	204,666.00	535,851.00	-	2,616,996.80	254,907.00	2,562,089.80
PLANT & MACHINERY								
PLANT AND MACHINERY	40%	125,940.06	-	282,570.00	-	408,510.06	106,890.00	301,620.06
COMPUTER								
COMPUTER AND ACCESORIES	60%	360,605.45	214,091.00	40,673.00	-	615,369.45	357,019.00	258,350.45
SOFTWARE	60%	10,435.25	-	-	-	10,435.25	6,261.00	4,174.25
Land	0%			55,518,126.00		55,518,126.00	-	55,518,126.00
Total		3,441,539.91	451,711.00	58,708,606.00	2,179.00	60,599,676.91	1,103,150.00	59,496,526.91

FIXED ASSETS

Particulars	Rate	WDV as on 01/04/2013	Addition		Deduction	Total	Dep for the Year	WDV as on 31/03/2014
			More than 180 Days	Less than 180 Days				
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
BOOKS	60%	347,874.35	-	384,262.00	-	732,136.35	324,003.00	408,133.35
OFFICE EQUIPMENT	15%	504,292.00	143,305.00	377,100.00	15,000.00	1,009,897.00	123,172.00	886,525.00
FURNITURE & FIXTURE	10%	2,562,089.80	42,201.00	95,768.00	-	2,700,058.80	265,218.00	2,434,840.80
PLANT & MACHINERY								
PLANT AND MACHINERY	40%	301,620.06	-	298,200.00	-	599,820.06	180,288.00	419,532.06
COMPUTER								
COMPUTER AND ACCESORIES	60%	258,350.45	4,975.00	693,662.00	-	956,987.45	366,093.00	590,894.45
SOFTWARE	60%	4,174.25	-	-	-	4,174.25	2,504.00	1,670.25
Land	0%			-		-	-	-
		55,518,126.00				55,518,126.00		55,518,126.00
Total		59,496,526.91	190,481.00	1,848,992.00	15,000.00	61,520,999.91	1,261,278.00	60,259,721.91

Note:-

Total Depreciation from Financial Year 2003-2004

21550873.09



NATIONAL INSTITUTE OF DISASTER MANAGEMENT
FOR THE FINANCIAL YEAR 2013-14

SCHEDULE: - 11

SIGNIFICANT ACCOUNTING POLICIES AND NOTES TO ACCOUNTS

1. Significant Accounting Policies

- (a) The financial Statements are prepared on the basis of historical cost convention on accrual basis and are in accordance with generally accepted accounting practices. However during the financial year 2013-14, salary for the month of March 2014 Rs. 22,75,829/- has not been booked as expenses. Therefore the excess of expenditure over income stands reduced by an equivalent amount.
- (b) The Institute contributes to the Provident funds for its employees and also retains contributions of the employees towards PF. However such CPF is neither deposited in statutory provident fund nor in any recognized provident fund. The institute invests the said fund with PSU banks in form of term deposit and the interest earned thereon is also credited to the CPF account. This policy is being followed because institute has not received any recognition from Central Record Keeping Agency. As soon as the institute receives the recognition from Centre it will deposit the PF Amount with statutory Provident funds.
- (c) Fixed Assets are stated at cost of acquisition including the cost of installation if any. Since the inception of the institute no depreciation was provided on the fixed assets acquired by the institute. However during the year on the directions of the CAG depreciation on fixed assets is being provided for retrospectively with effect from the Financial Year 2003-04. The depreciation is provided on the fixed assets as per the rates specified under Income Tax Act. Since this is a change in the accounting policy the excess of income over expenditure is increased by the amount of depreciation.
- (d) Transactions denominated in foreign currency are accounted at the exchange rate prevailing on the date of the transaction.
- (e) Accounting policies not specifically mentioned are otherwise in consonance with generally accepted accounting practices.

2. Contingent Liabilities

Claims against the institute not acknowledge as debt – NIL

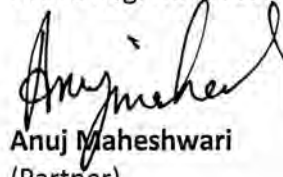
3. In the opinion of the management, the value of realization of current assets, loans and advances in the ordinary course of business would not be less than the amount at which they are stated in the Balance Sheet. Further provisions for all known liabilities have been made in the accounts.

4. As per directions of Ministry of Home Affairs (DM Division) vide Letter No. 45-5/2008-NDM-IV/II dated 23rd March, 2010 a separate Public Ledger Account (PLA) has been maintained and net savings generated from the projects including the interest earned from the deposits has been credited to the



Consolidated Fund of India. Financial Statement for PLA for the financial year 2013-14 has been prepared separately.

For, V.K.Sehgal & Associates
Chartered Accountants
Firm's Reg. No. 011519N

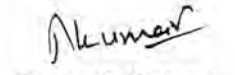

Anuj Maheshwari
(Partner)

M.No. 096530



For, National Institute of Disaster Management


Dr. Satendra
(Ex. Director)


Ramesh Kumar
(Account Officer)

Place: New Delhi

Date: 08th October, 2014

NATIONAL INSTITUTE OF DISASTER MANAGEMENT
(Ministry of Home Affairs)

PLA BALANCE SHEET AS ON 31ST MARCH, 2014

(Amount in Rs.)

PARTICULARS	SCHE- DULE	31.03.2014	31.03.2013
<u>CORPUS/CAPITAL FUND AND LIABILITIES</u>			
CAPITAL AND RESERVE & SURPLUS	'1'	731,560.00	731,560.00
EARMARKED FUNDS	'2'	3,106,239.14	6,076,057.14
CURRENT LIABILITIES AND PROVISIONS	'3'	535,235.00	4,985,124.00
TOTAL		4,373,034.14	11,792,741.14
<u>ASSETS</u>			
CURRENT ASSETS, LOANS AND ADVANCES	'4'	4,373,034.14	11,792,741.14
TOTAL		4,373,034.14	11,792,741.14

**SIGNIFICANT ACCOUNTING POLICIES AND
NOTES TO THE ACCOUNTS**

In terms of Our Report on the even date attached.
Checked and found correct from the Books
of Accounts produced before us

For V K Sehgal & Associates
Chartered Accountants
Firm's Reg No. 011519N

Anuj Maheshwari
Partner
M.No. 096530



For, National Institute of Disaster Management

Dr. Satendra
Executive Director

Ramesh Kumar
Accounts Officer

Place: New Delhi
Date: 08th October, 2014

NATIONAL INSTITUTE OF DISASTER MANAGEMENT
(Ministry of Home Affairs)

INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH, 2014

(Amount in Rs.)

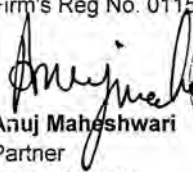
PARTICULARS	31.03.2014	31.03.2013
<u>INCOME</u>		
Institutional consultancy 40% Share	-	-
Sale of Journal	6,500.00	4,200.00
Interest Income	245,838.00	352,748.00
Misc. Receipt	122,542.00	63,395.00
TOTAL (A)	374,880.00	420,343.00
<u>EXPENDITURE</u>		
Bank Charges	294.00	10,247.00
Less: Trf Online Program Expenses a/c	294.00	10,247.00
TOTAL (B)	-	-
BALANCE BEING THE SURPLUS/DEFICIT (A-B)	374,880.00	420,343.00
Less: Savings transfer to PAO, MHA	374,880.00	420,343.00
BALANCE BEING THE SURPLUS/(DEFICIT) CARRIED TO BALANCE SHEET	-	-

In terms of Our Report on the even date attached.
Checked and found correct from the Books
of Accounts produced before us

For V K Sehgal & Associates

Chartered Accountants

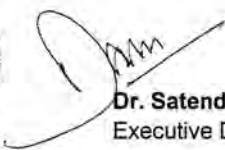
Firm's Reg No. 011519N

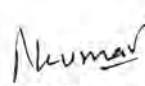

Anuj Maheshwari
Partner

M.No. 096530



For, National Institute of Disaster Management


Dr. Satendra
Executive Director



Ramesh Kumar
Accounts Officer

Place: New Delhi

Date: 08th October, 2014

NATIONAL INSTITUTE OF DISASTER MANAGEMENT
(Ministry of Home Affairs)
RECEIPTS AND PAYMENT ACCOUNT FOR THE YEAR ENDED 31ST MARCH, 2014

(Amount in Rs.)

PARTICULAR	31.03.2014		31.03.2013	
OPENING BALANCE				
UCO Bank (saving a/c)	7,402,565.14	7,402,565.14	8,494,934.00	8,494,934.00
RECEIPTS				
PROJECTS BALANCE FUNDS TRANSFERRED FROM NIDM				
MAIN ACCOUNT TO PLA A/c			-	
Less:- 20% consultancy amount deposited in Govt. a/c			-	
half day UNICEF programme expenses incurred from main a/c			-	-
RECEIPTS DURING THE YEAR				
1 Receipt from WBI-online course receipts	504,448.00		1,185,721.14	
2 Receipt from USAID Project	600,000.00		1,400,000.00	
3 Receipt from MHA for Training Prog. For South African Officials	-		1,814,500.00	
4 Receipt for UNFPA Project	-		1,803,793.00	
5 Receipt from ICSSR Drought Project	-		116,250.00	
6 Receipt for NCRM Project	1,106,465.00		5,437,950.00	
7 Receipt from NIDM Main A/c	4,390,176.00			
		6,601,089.00		11,758,214.14
OTHER RECEIPTS				
1 Misc. receipts	122,542.00		422,099.00	
2 Sale of Journal	6,500.00		2,750.00	
3 Interest received	245,838.00	374,880.00	352,748.00	777,597.00
TOTAL		14,378,534.14		21,030,745.14



PAYMENTS				
PROJECT EXPENSES				
1 Consultancy Charges NCRMP Project	1,106,465.00		188,000.00	
2 Meeting Expenses for NCRMP Project	127,828.00		67,105.00	
3 PIU Running Cost NCRMP Project	19,184.00		-	
4 Salary for NCRMP Project	299,750.00		1,727,602.00	
5 Travel Expenses NCRMP Project	114,588.00		1,841,359.00	
6 MCD-Forensic investigation project expenses	-		248,319.00	
7 NHCD Plan - NDMA	-		21,000.00	
8 USAID Project Expense	200,000.00		1,400,000.00	
9 National Cyclone Risk Mitigation Project expenses-NDMA	-		4,406,875.00	
10 WBI-Online programme expenses	-		759,893.00	
11 Training Programme for South African Officials	276,799.00		1,376,900.00	
12 UNDP-GOI DRR Programme expenses	59,000.00		950,000.00	
13 SADKN Project	205,484.00		88,511.00	
14 Transfer to NCRMP Project	1,120,299.00			
15 ICSSR Drought Project	1,693.00			
16 Consultancy charges	-	3,531,090.00		13,075,564.00
OTHER EXPENSES				
1 Online Program Expenses	1,447,117.00		10,247.00	
2 Advance Given for NCRMP Expenses	-		25,544.00	
3 Loan & Advance Net	-		13,321.00	
4 Expense Payable	72,169.00		118,380.00	
5 20% Consultancy Paid to Government	-			552,616.00
6 Project Saving Paid to MHA	4,955,124.00	6,474,410.00	385,124.00	
CLOSING BALANCE				
UCO Bank (saving a/c)	4,373,034.14	4,373,034.14	7,402,565.14	7,402,565.14
TOTAL		14,378,534.14		21,030,745.14

In terms of Our Report on the even date attached.

Checked and found correct from the Books of Accounts produced before us

For V K Sehgal & Associates

Chartered Accountants

Firm's Reg No. 011519N

Anuj Maheshwari

Partner

M.No. 096530



For, National Institute of Disaster Management

Dr. Satendra

Executive Director

Ramesh Kumar

Accounts Officer

Place: New Delhi

Date: 08th October, 2014

NATIONAL INSTITUTE OF DISASTER MANAGEMENT			
(Amount in Rs.)			
SCHEDULE : '1'	CORPUS/CAPITAL FUND	31.03.2014	31.03.2013
	Opening Balance	731,560.00	731,560.00
	Reserve & Surplus transferred from main a/c	-	-
	Less:- institutional Consultancy (20% share)	-	-
	ADD: Excess of Income (Expenditure) Over Expenditure (Income)	-	-
	TOTAL	731,560.00	731,560.00
SCHEDULE : '2'	EARMARKED FUNDS	31.03.2014	31.03.2013
1	<u>Funds Received from New Okhla Industrial Development Authority for preparation of 'Disaster Management Plan'</u>		
	Opening Balance	770,249.00	770,249.00
	ADD : Received during the year	-	-
		770,249.00	770,249.00
	LESS :utilization during the year	-	-
	LESS :Institutional consultancy 40%	-	-
	LESS :Govt Treasury 20%	-	-
		770,249.00	770,249.00
2	<u>Funds Received from NDMA for Cyclone Risk Mitigation Project</u>		
	Opening Balance	1,681,649.00	606,404.00
	Received during the year	1,106,465.00	5,437,950.00
	Add :Advance given for Expenses	19,250.00	19,250.00
	Less :utilization during the year	1,687,065.00	4,343,455.00
	Less: amount transfer to separate a/c	1,120,299.00	-
		-	1,681,649.00
3	<u>Funds Received from Ahmedabad Corporation for DRM Plan for Walled City of Ahmedabad</u>		
	Opening Balance	-	103,994.00
	Add: Funds utilized from NIDM Main A/c	-	84,006.00
	LESS : Utilization/Expenditure during the year	-	188,000.00
		-	-
4	<u>Funds Received from MOST for Brain storming Climate Change Programme</u>		
	Opening Balance	400,000.00	400,000.00
	Received during the year	-	-
	LESS : Utilization/Expenditure during the year	-	-
		400,000.00	400,000.00
5	<u>Funds Received from NDMA for Preparation of NH&CD Plan</u>		
	Opening Balance	689,000.00	710,000.00
	Received during the year	-	-
	LESS : Utilization/Expenditure during the year	-	21,000.00
		689,000.00	689,000.00
6	<u>Funds Received from MCD for forensic investigation project</u>		
	Opening Balance	131,892.00	380,211.00
	Received during the year	-	-
	Unutilised fund received from employee	-	689.00
		131,892.00	380,900.00
	LESS : Utilization/Expenditure during the year	-	249,008.00
		131,892.00	131,892.00
7	<u>Funds Received from Online-WBI courses</u>		
	Opening Balance	1,709,285.14	1,296,364.00
	Received during the year	504,448.00	1,130,454.14
		2,213,733.14	2,426,818.14
	LESS : Utilization/Expenditure during the year	1,649,641.00	717,533.00
	LESS : savings deposited to Govt. a/c	-	-
		564,092.14	1,709,285.14



8	<u>Funds Received from SAARC for SADKN Project</u>		
	Opening Balance	309,264.00	341,148.00
	Received during the year	-	-
	Savings reversed from Govt. A/c	-	-
	<u>LESS : Utilization/Expenditure during the year</u>	205,484.00	31,884.00
	<u>LESS : savings deposited to Govt. a/c</u>	-	-
		103,780.00	309,264.00
9	<u>Funds Received from MHA for Training Programme for South African Officials</u>		
	Opening Balance	276,799.00	129,199.00
	Received during the year	-	1,814,500.00
	<u>LESS : Utilization/Expenditure during the year</u>	276,799.00	1,943,699.00
	<u>LESS : savings deposited to Govt. a/c</u>	276,799.00	1,666,900.00
		-	-
		-	276,799.00
10	<u>Funds Received from USAID for Preparation of IRS Module</u>		
	Opening Balance	-	-
	Received during the year	600,000.00	1,400,000.00
	<u>LESS : Utilization/Expenditure during the year</u>	200,000.00	1,400,000.00
		400,000.00	-
11	<u>Funds Received from UNDP-GOI DRR Programme</u>		
	Opening Balance	59,000.00	1,009,000.00
	Received during the year	-	-
	<u>LESS : Utilization/Expenditure during the year</u>	59,000.00	1,009,000.00
		59,000.00	950,000.00
		-	59,000.00
12	<u>Funds Received from UNFA Project</u>		
	Opening Balance	-	37,566.00
	Received during the year	-	1,803,793.00
	<u>LESS : Utilization/Expenditure during the year</u>	-	1,841,359.00
		-	1,841,359.00
		-	-
13	<u>Funds Received from ICSSR for vulnerability Assessment and mitigation analysis for drought in Bundelkhand</u>		
	Opening Balance	48,919.00	(226.00)
	Received during the year	-	116,250.00
	<u>LESS : Utilization/Expenditure during the year</u>	48,919.00	116,024.00
		1,693.00	67,105.00
		47,226.00	48,919.00
		-	-
	TOTAL	3,106,239.14	6,076,057.14

SCHEDULE : '3'	CURRENT LIABILITIES AND PROVISIONS	31.03.2014	31.03.2013
	Consultancy payable to Govt. a/c 20%	-	-
	Projects savings payable to MHA	374,880.00	4,955,124.00
	Earnest money security deposits	30,000.00	30,000.00
	Expenses Payable	130,355.00	-
	TOTAL	535,235.00	4,985,124.00

SCHEDULE : '4'	CURRENT ASSETS, LOANS AND ADVANCES	31.03.2014	31.03.2013
A.	<u>CURRENT ASSETS</u>		
	Cash in hand	-	-
	Bank Balances with :		
	UCO Bank Account No. 6139	4,373,034.14	7,402,565.14
B.	<u>LOANS, ADVANCES AND OTHER ASSETS</u>		
	NIDM main a/c	-	4,390,176.00
	TOTAL	4,373,034.14	11,792,741.14



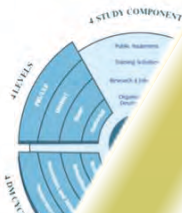
Long Term Training and Capacity Building for Disaster Risk Reduction in India



Study framework

Disaster risk mitigation as the key to sustainable development! Conceptualised by the Government of India, the National Cyclone Risk Mitigation Project aims to minimise vulnerability to cyclones, enhance resilience of people and infrastructure. At the same time, it seeks to conserve the coastal environment in hazard prone areas.

The project is being implemented by the National Institute of Disaster Management (NIDM) under the aegis of the Ministry of Home Affairs and in collaboration with



Self Study Programme (An e-learning initiative of NIDM)



National Institute of Disaster Management(NIDM)

The National Institute of Disaster Management (NIDM) was constituted under the Disaster Management Act 2005 to take up national responsibility for human resource development, training, research, documentation and policy advocacy for disaster management.

Self Study Programme(SSP)

NIDM offers self-study courses for general public, officials and other stakeholders who have been affected by disasters. The courses under the p



nidm

Towards a disaster free India

NATIONAL INSTITUTE OF DISASTER MANAGEMENT

Ministry of Home Affairs, Government of India

IIPA Campus, I.P. Estate, Mahatma Gandhi Road,

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