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# 1. INTRODUCTION

National Institute of Disaster Management, Ministry of Home Affairs in collaboration with Kerala State Disaster Management Authority organised **One-day virtual orientation cum training programme on "INDIA DISASTER RESOURCE NETWORK (IDRN)" for Kerala State Disaster Management Authority", 21 August 2020**. This was the **"(2nd)"** webinar out of proposed 36 states in India. NIDM has provided the online training programme of IDRN for **02** States/UTs of India out of 36 States/UTs in India. NIDM has conducted a multi-district online training program on the new IDRN portal with an objective to enhance the preparedness of the inventory resource network. This virtual orientation cum online training programme was organised with an aim to get inputs for improving the India Disaster Resource Network (IDRN) portal in a best possible way with state of art functions like dynamic data, GIS maps, mobile applications, etc. and how to maximise its uses during any emergency situation. 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. The primary focus of the network was 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. Considering the national importance of IDRN, Ministry of Home Affairs entrusted National Institute of Disaster Management (NIDM) with the responsibility of monitoring and maintaining it, since 2008. Since then NIDM has been actively managing the portal and facilitating up-to-date information on various resources required for efficient and timely response during emergencies and disaster preparedness. The online training programme aims to reach to various stakeholders and sensitize them about the importance of new IDRN portal.

**KEY NOTE ADDRESS:**

**Major General Manoj Kumar Bindal, VSM, Executive Director, NIDM** extended a very warm welcome to district officials and briefed them about IDRN and its importance in managing disasters particularly during emergencies. He briefed about the role of

NIDM in maintaining the portal since it was handed over to the Institute by Ministry of Home Affairs in the year 2008. He appreciated the States and districts authorities who are regularly updating data in the IDRN portal, and also highlighted the gaps and issues. Many States are yet to update data in the portal. Since last one year due to rigorous efforts by NIDM has been repeatedly requesting the States through letters/ emails / Telephone, etc., for regular updation of the data in IDRN portal. It is however, observed that some of districts are yet to update their data on regular basis. However, authorities and departments are not yet using information about available resources in IDRN portal during the emergency situations and this should be one of the key points to be discussed during the online training. NIDM is looking for inputs from various stakeholders, private & public sector users and experts so that the portal can be developed in more interactive and user-friendly manner, which will be extremely helpful in minimising loss of life and damage of properties. He elaborated the role of the States in maintaining and utilizing IDRN during emergencies to save lives and reduce human sufferings. Further, he suggested that NIDM should make the new idrn portal user friendly and popularize its utility so that States/District can realize its importance and start using it. Major Gen M. K Bindal highlighted the PMO conference stressed upon the importance of private / public sector resource inventory also incorporated on IDRN portal. He also requested to include the Private / Public sector, NGO inventory resource data on new idrn portal. He also stated that IDRN implementation is a two-way process, and the State authorities must understand the importance of the portal, so that searching of information and uploading of data becomes as easy as possible and also the resource inventory received must have enough detailed information about the resources availability.

**PRESENTATION ON INDIA DISASTER RESOURCE NETWORK:**

**Lt. Col. Dinesh Chander Vashista, Joint Director, NIDM** delivered a detailed presentation on IDRN, wherein the participants were briefed about the IDRN aim, objectives and functions. He described the role and importance of the idrn portal during emergencies and how the new portal functions. He updated the forum that 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

SDMAs coordinate with District Magistrates/District Collectors regarding updating of data on the IDRN portal. District Collector/Magistrate is 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. He presented the current idrn status of the data in the portal, and details of the total no of data entered and updated in IDRN portal in last three years. He informed about the District's which are regularly updating the information related to the Govt, Private, Public sector available resources on the IDRN portal and the ones which are not. Further, He explained the developed a new IDRN-API service which supports offline mode access of IDRN web database during disasters.

## 2. OBJECTIVES

At the end of online training programme, the districts/participants will be able:

- To develop better understanding about new IDRN portal.
- To learn about the new IDRN portal functionalities & system functions.
- To learn about how to update/modify/delete data on idrn portal.
- To know about the important of INDIA DISASTER RESOURCE NETWORK.
- Up-to-date information on various resources available with GOVT, PRIVATE, PSU SECTOR.
- To understating about ROLE of State/District authorities.
- Build up a systematic inventory equipment's.
- Provide skilled human resources.
- Easy to identify the inventory resource location.
- Details of resources and inventory warehouse location.
- Provide Immediate and effective response.
- Effective and efficient way of timely response to disaster emergencies equipment's.

## 3. TARGET GROUP

The target group for this programme are: -

- SDMA officials / Relief Commissioners
- State Project Officers
- Emergency operation centre (EOC) / Response centre professionals
- District Emergency Officer / District Project Officer
- District Informatics Officer (DIO) and State Informatics Officer (SIO) OF National Informatics Centres.
- Key District officials / Members of DDMA (DM/SDM/ADM)

## 4. METHODOLOGY

Cisco WebEx platform was used to host the online training programme through presentations, interactions, discussions, Q & A.

## 5. PARTICIPANT'S PROFILE

The participants in the online training programme include officials of Kerala various local government's District emergency officer / District Project officer's/Emergency operation professionals, NGO's in their respective districts.

## 6. KEY TAKEAWAYS

The key issues and challenges pertaining to new IDRN portal were discussed during the online training programme. The succinct of key takeaways of the training programme are mentioned below:

- IDRN portal should be access on offline mode during disaster time.
- IDRN database maybe shared with National Database for Emergency Management (NDEM).
- There should be a one dashboard of accessing inventory resources.
- IDRN database report should be download on any format like excel, pdf, printable.etc
- IDRN database needs to be geo tagging on identifying the inventory resources.

- Department wise login id & passwords needs to be created.
- Regular training of functionaries at various levels to develop skills for updating and maintaining data and also using them during emergencies as well as DM planning.
- Needs to be increase DIO at district level for IDRN database entry.
- Encourage to Private / Public Sector / NGO professionals attend IDRN training programme.

## 7. FEEDBACK

- NIDM received an overarching response for the brainstorming online training programme, which was attended by various district's officials from KSDMA state. During the interaction with the actual users NIDM has got secondhand information, suggestions and feedback on the new IDRN portal positively.

## 8. SUGGESTION

- Inventory resource self-life needs to be added on idrn portal.
- Every state user sub admin id is required for monitoring the IDRN database.
- Sub admin permitted to create the department level user on IDRN database.
- Department wise user may update their inventory resource on IDRN portal convenient time.
- Permit to create department user for District / State level user.
- State / District may monitor the department level inventory updation time to time.
- IDRN database maybe shared with National Database for Emergency Management (NDEM).
- Single Dashboard is required for maintaining the IDRN portal.
- Develop new software ,which could be installed on every state Emergency Operation centre ( EOC ) which has connecting link to IDRN so whenever there is a network it connect back to the IDRN Database & download the data keep in the EOC for their state use. Evan if there is no internet connectivity state could be access IDRN database.

- Items Searchable format is required on IDRN portal.

## 9. PHOTO GALLERY
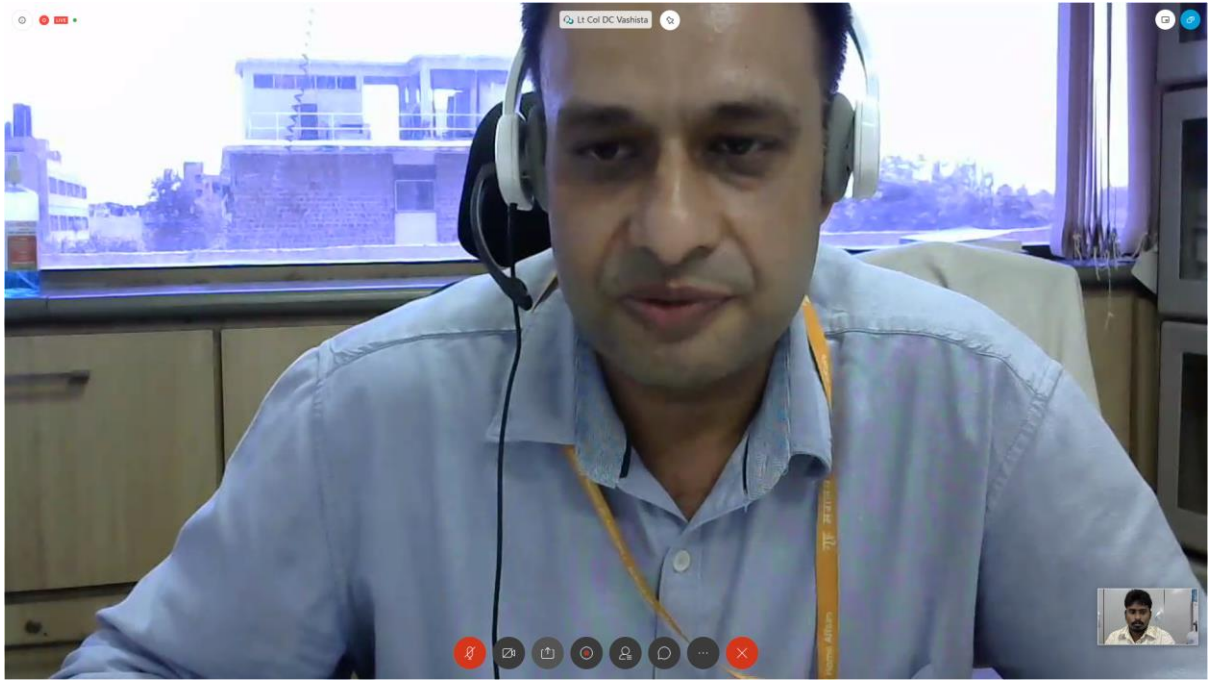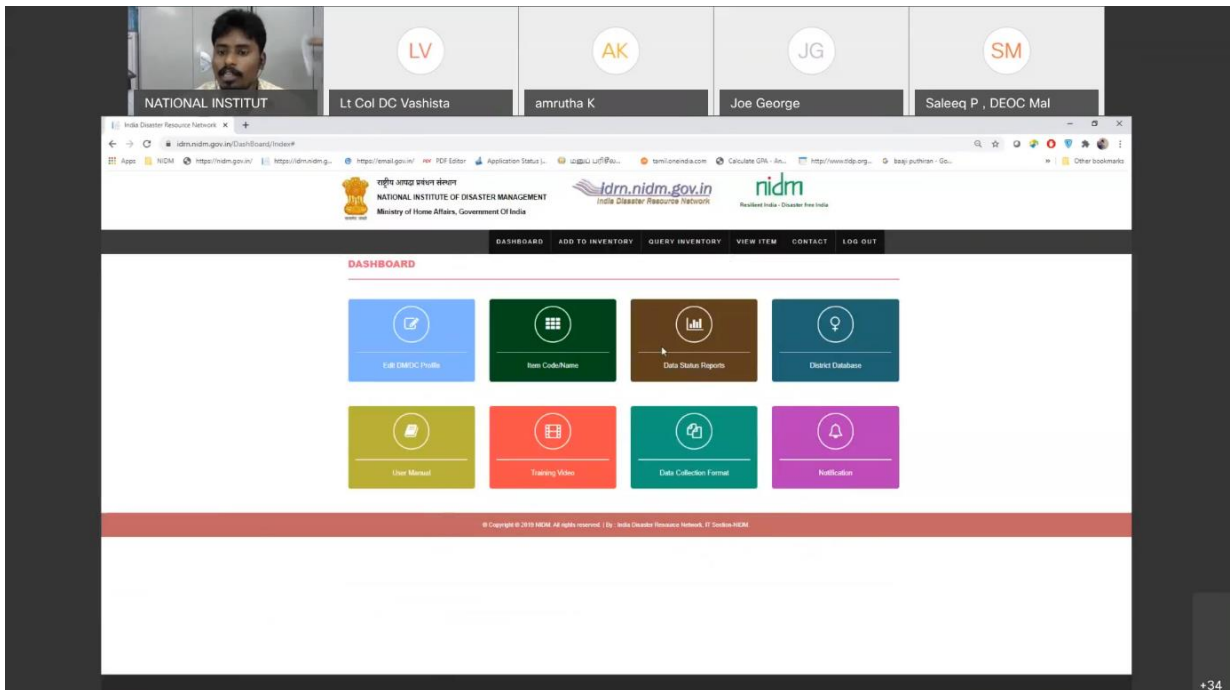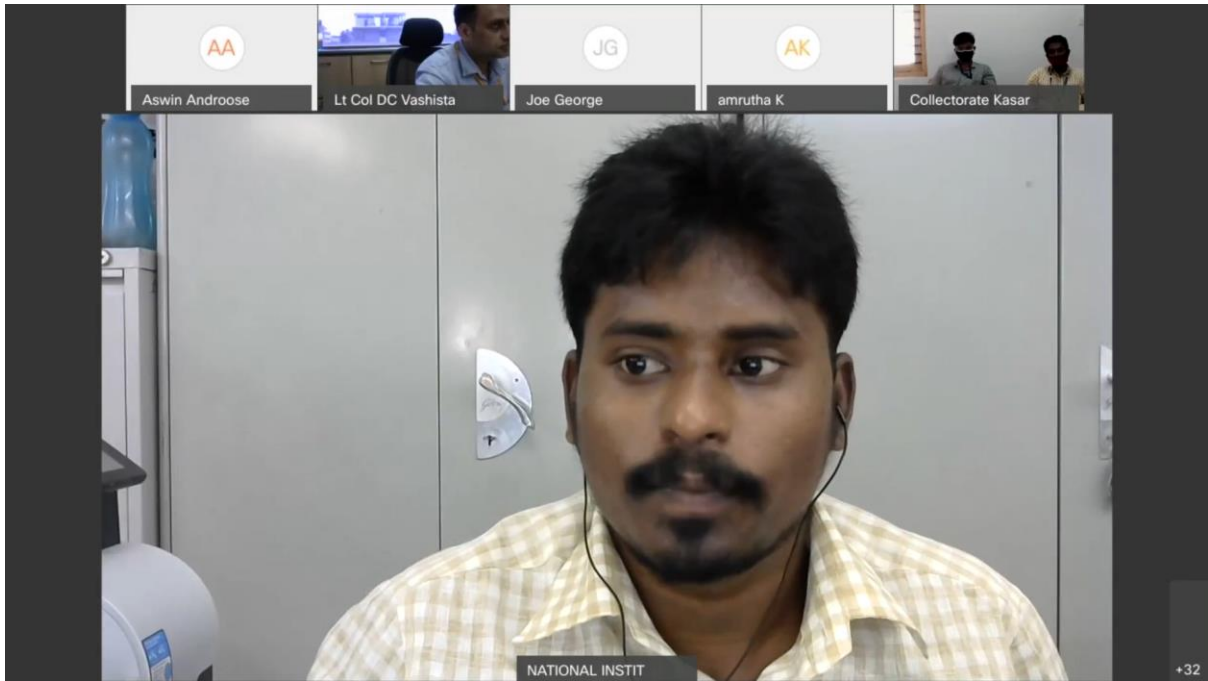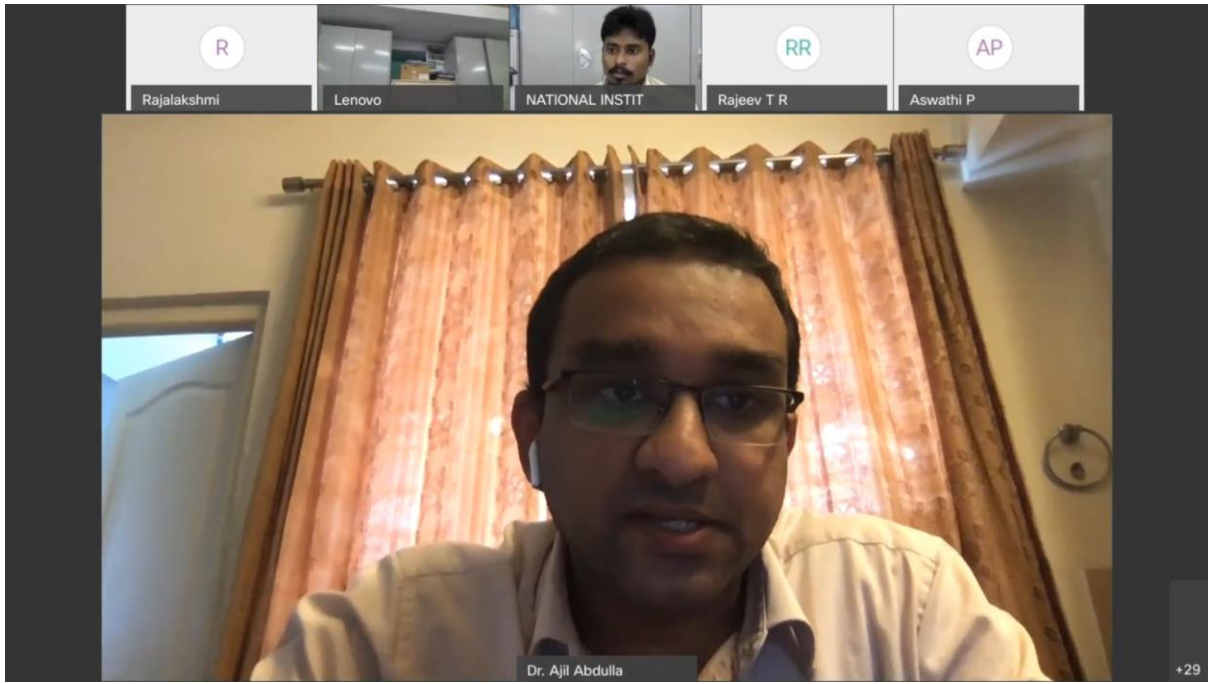
## 10. Online Training Schedule

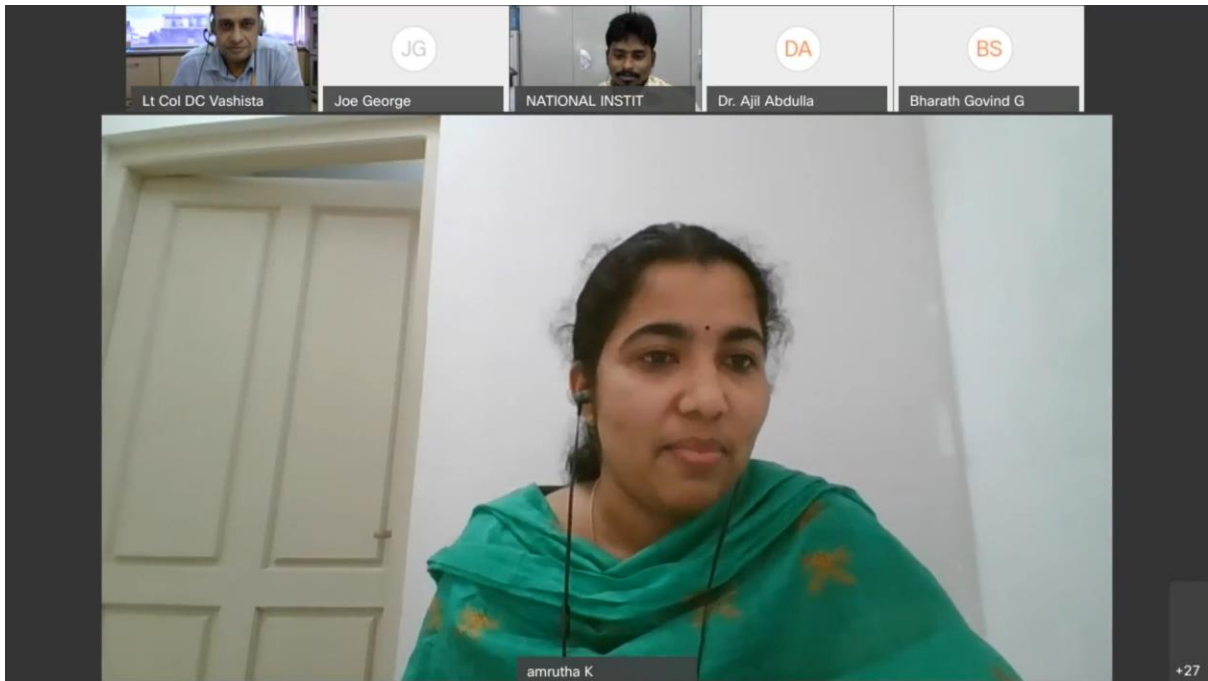| S.No. | Topic | Speaker/Resource Person | Time |
|-------|-------|------------------------|------|
| **21 August, 2020** | | | |
| 1. | Keynote Address | Major General Manoj Kumar Bindal, Executive Director, NIDM | 03:00-03:10 |
| 2. | Opening Remarks | Dr Sekhar L. Kuriakose Member Secretary, KSDMA | 03:10-03:20 |
| **Technical Session** | | | |
| 3. | Introduction to IDRN, Scope, Objective & functioning | Lt. Col. Dinesh Chander Vashista,Joint Director,NIDM | 03:20-03:30 |
| 4. | Demo on New IDRN and IDRN Hands on Guided Exercise | Sh.Balaji A,GIS Developer,IDRN & Sh.Dharmendra,Developer,IDRN | 03:30-:04:10 |
| 5. | Discussion / Feedback | | 04:10-04:30 |
| 6. | Vote of Thanks | Ms Amrutha K, Hazard Analyst,KSDMA | 04:30-04:35 |

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