

## Report

### Capacity Building Training Program On

### Hospital preparedness for Health Emergencies for Hospital Administrators

**Name of the Partner Training Institute: AIIMS Patna**

**Participating States/Organization: Bihar, Jharkhand, Odisha, West Bengal**

**Duration of training: 20<sup>th</sup>-25<sup>th</sup> Jan, 2025**

**Name of the Training Coordinator: Dr. Sujeeet Kumar Sinha**

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## 1. BACKGROUND:

The Disaster Management Act, 2005 (DM Act, 2005) mandates all districts to develop their district disaster management plan taking into account the Hazard Vulnerability Capacity and Risk Assessment (HVCRA), prevention, mitigation, preparedness measures, response plan, and procedures. Further, National Policy on Disaster Management (2009) and NDMA's National Disaster Management Plan, 2019 identifies specific roles and responsibilities at National, State and local levels in context of various types of hazards. As per these policy documents and other NDMA guidelines, Union Ministry of Health as well as Health Departments at State and District level have been identified as lead agencies for biological emergencies, with supportive role to be played for other types of hazards that may have public health implications.

In view of the above, Union Ministry of Health and Family Welfare under its Central Sector Scheme "Health Sector Disaster Preparedness Programme" has initiated a Pan-India capacity building programme on "**Hospital Preparedness for Health Emergencies for Hospital Administrators**" through a network of partner training institutions. The said capacity building initiatives intends to develop knowledge, skills and capacities of District level health officials for improving preparedness and response to manage public health emergencies and health impacts of disasters, so that they are able to manage and improve services in their districts. The said initiative also aims to train district level health functionaries to develop health sector disaster management plans, to contribute to overall disaster management planning of the district by guiding and implementing effective public health response and mitigation strategies in preparedness for and in response to disasters and other health emergencies, thus contributing to disaster resilience and responsiveness. The training modules for imparting these trainings has been prepared by this Ministry in collaboration with eminent institutions including All India Institute of Medical Sciences (AIIMS), New Delhi; Postgraduate Institute of Medical Education and Research (PGIMER), Chandigarh; All India Institute of Hygiene & Public Health (AIIPH), Kolkata; National Institute of Mental Health and Neurosciences (NIMHANS), Bengaluru; AIIMS, Bhopal; NDMA, NDRF and other partner training institutions inculcating learning from COVID-19 pandemic management.

**AIIMS, Patna** being one of the identified partner training institutes conducted a **6-day training workshop** from **20<sup>th</sup> to 25<sup>th</sup> January 2025** with 28 participants for the States of **Bihar, Jharkhand, Odisha and West Bengal**. Participants consisting of **12-14 District Level Hospital Administrators** from each concerned State (**preferably mid-level and from regular service**) from district hospitals and above are nominated for this training programme.

## 2. TRAINING OBJECTIVE:

- Preparedness of the district health sector during the pre –disaster period for effective response and mitigation during a disaster.
- Enhancement of effective response of the district health sector during any disaster situation.
- Analysis of the gaps in the existing district healthcare system towards disaster resilience.
- Understanding important aspects of disaster management and facilitating the development of the district health sector disaster plan.

### 3. RESOURCE PERSONS' PROFILE:

#	Name	Designation	Session title
1	Prof. (Dr.) Nirupam Madaan	Professor & MS, AIIMS Delhi	<ul style="list-style-type: none"> <li>• Safe Hospitals and its components</li> <li>• Incidence Response System and its Adaptation as Hospital Emergency Incident Response System (HEIRS)</li> <li>• Triage</li> <li>• Planning of the Pre-hospital care &amp; field hospital</li> <li>• Hospital Evacuation Plan</li> </ul>
2	Prof. (Dr.) Anil Kumar	Professor, AIIMS Patna	<ul style="list-style-type: none"> <li>• Field visit to hospital to observe disaster preparedness and Mock drill</li> <li>• Field visit to hospital to observe disaster preparedness and Mock drill simulation</li> <li>• Debriefing of Mock Drill</li> <li>• Discussion on the field visit to Emergency and Trauma Centre of AIIMS, Patna</li> </ul>
3	Dr. Pankaj Arora	Addl. Prof., PGIMER Chandigarh	<ul style="list-style-type: none"> <li>• Planning for Emergency department, Mass gathering care, injury pattern</li> <li>• Continuity of Services and return to normal functions of the hospital after disaster</li> <li>• Planning of Logistic Systems in Hospital for Disaster situations</li> <li>• Planning of Disaster risk communication</li> </ul>
3	Dr. Pankaj Kumar	Addl. Prof., AIIMS Patna	<ul style="list-style-type: none"> <li>• Management of Psychological Issues in Hospital Disaster</li> </ul>
4	Dr. Sujeet Kumar Sinha	Assoc. Prof., AIIMS Patna	<ul style="list-style-type: none"> <li>• Overview of the Disaster and Principles of Disaster Management in hospital</li> <li>• Basic steps and format of hospital disaster management plan</li> <li>• Capacity building in disaster management for hospital staff</li> </ul>
5	Dr. Divendu Bhusan	Assoc. Prof., AIIMS Patna	<ul style="list-style-type: none"> <li>• BLS/ALS Trg</li> </ul>
7	Dr. Ramkrishna Mondal	Asst. Prof., AIIMS Patna	<ul style="list-style-type: none"> <li>• Fire Safety in Hospitals</li> </ul>
8	Dr. Mahendra M	Asst. Prof., AIIMS Patna	<ul style="list-style-type: none"> <li>• Provisions of Disaster Management Act 2005</li> <li>• Mass fatality management</li> </ul>

#### 4. VENUE AND DATE:

Conference Room, Research Division, Admin Building, AIIMS Patna; from 20<sup>th</sup> Jan 2025 to 25<sup>th</sup> Jan 2025.

#### 5. TRAINING SESSIONS:

#	Name	Designation	Session title
1	Prof. (Dr.) Nirupam Madaan	Professor & MS, AIIMS Delhi	<ul style="list-style-type: none"><li>• Safe Hospitals and its components</li><li>• Incidence Response System and its Adaptation as Hospital Emergency Incident Response System (HEIRS)</li><li>• Triage</li><li>• Planning of the Pre-hospital care &amp; field hospital</li><li>• Hospital Evacuation Plan</li></ul>
2	Prof. (Dr.) Anil Kumar	Professor, AIIMS Patna	<ul style="list-style-type: none"><li>• Field visit to hospital to observe disaster preparedness and Mock drill</li><li>• Field visit to hospital to observe disaster preparedness and Mock drill simulation</li><li>• Debriefing of Mock Drill</li><li>• Discussion on the field visit to Emergency and Trauma Centre of AIIMS, Patna</li></ul>
3	Dr. Pankaj Arora	Addl. Prof., PGIMER Chandigarh	<ul style="list-style-type: none"><li>• Planning for Emergency department, Mass gathering care, injury pattern</li><li>• Continuity of Services and return to normal functions of the hospital after disaster</li><li>• Planning of Logistic Systems in Hospital for Disaster situations</li><li>• Planning of Disaster risk communication</li></ul>
3	Dr. Pankaj Kumar	Addl. Prof., AIIMS Patna	<ul style="list-style-type: none"><li>• Management of Psychological Issues in Hospital Disaster</li></ul>
4	Dr. Sujeet Kumar Sinha	Assoc. Prof., AIIMS Patna	<ul style="list-style-type: none"><li>• Overview of the Disaster and Principles of Disaster Management in hospital</li><li>• Basic steps and format of hospital disaster management plan</li><li>• Capacity building in disaster management for hospital staff</li></ul>
5	Dr. Divendu Bhusan	Assoc. Prof., AIIMS Patna	<ul style="list-style-type: none"><li>• BLS/ALS Trg</li></ul>
7	Dr. Ramkrishna Mondal	Asst. Prof., AIIMS Patna	<ul style="list-style-type: none"><li>• Fire Safety in Hospitals</li></ul>
8	Dr. Mahendra M	Asst. Prof., AIIMS Patna	<ul style="list-style-type: none"><li>• Provisions of Disaster Management Act 2005</li><li>• Mass fatality management</li></ul>

**i. Theoretical sessions:**

Session title
<ul style="list-style-type: none"><li>• Safe Hospitals and its components</li><li>• Incidence Response System and its Adaptation as Hospital Emergency Incident Response System (HEIRS)</li><li>• Triage</li><li>• Planning of the Pre-hospital care &amp; field hospital</li><li>• Hospital Evacuation Plan</li></ul>
<ul style="list-style-type: none"><li>• Field visit to hospital to observe disaster preparedness and Mock drill</li><li>• Debriefing of Mock Drill</li><li>• Discussion on the field visit to Emergency and Trauma Centre of AIIMS, Patna</li></ul>
<ul style="list-style-type: none"><li>• Planning for Emergency department, Mass gathering care, injury pattern</li><li>• Continuity of Services and return to normal functions of the hospital after disaster</li><li>• Planning of Logistic Systems in Hospital for Disaster situations</li><li>• Planning of Disaster risk communication</li></ul>
<ul style="list-style-type: none"><li>• Management of Psychological Issues in Hospital Disaster</li></ul>
<ul style="list-style-type: none"><li>• Overview of the Disaster and Principles of Disaster Management in hospital</li><li>• Basic steps and format of hospital disaster management plan</li><li>• Capacity building in disaster management for hospital staff</li></ul>
<ul style="list-style-type: none"><li>• BLS/ALS Trg</li></ul>
<ul style="list-style-type: none"><li>• Fire Safety in Hospitals</li></ul>
<ul style="list-style-type: none"><li>• Provisions of Disaster Management Act 2005</li><li>• Mass fatality management</li></ul>

**ii. Exercises**

**iii. Field visit**

- Fire Drill
- Field visit to hospital to observe disaster preparedness and Mock drill simulation
- NDRF visit with CBRNE and Mock drills

**iv. Hands on exercise:**

**6. TRAINEE PROFILE :**

Annex I (Attached)

## 7. TRAINING EVALUATION:

### A) Pre-Training Assessment of the Participants:

S.No.	Name	State	Result	
			PreTest	Marks
1	Dr. Ajay Kumar	Bihar	6.25	
2	Dr. Vijay Kumar		1.75	
3	Dr. Anil Kumar		2.5	
4	Dr. Purnendu Arya		2.25	
5	Dr. Chandan Paswan		1.25	
6	Dr. Shailendra Kumar		0	
7	Dr. Harshit Raj		5	
8	Dr. Binayak Chandra Diwakar		2.5	
9	Dr. Ejaz Ahmad		1	
10	Dr. Ramesh Kumar		7.5	
11	Dr. Priyanka Kumari		0.5	
12	Dr. Sanjeev Kumar Jha		3.5	
13	Dr. Tamseel Ahmad Ansari		4.75	
14	Dr. Santosh Kumar Jha		1.25	
15	Dr. Sanjay Kumar Singh		3.75	
16	Dr. Sanjay Kumar		2.5	
17	Dr. Amar Nath Yadav		4.75	
18	Dr. Rekha Kumari		2.25	
19	Dr. Rajnath Singh		3.75	
20	Dr. Satyendra Kumar Satya		7.25	
21	Dr. Dhananjay Kumar Sinha		3.75	
22	Dr. Manoja Bhuyan	Odisha	4.75	
23	Dr. Jitendra Sarangi		3.75	
24	Dr. Somen Kumar Pradhan		5	
25	Dr. Samyak Sahu		3	
26	Dr. Chulabati Sahu		1.25	
27	Dr. Chandan Gadanayak		5	
28	Dr. Sanat Subham Mishra		4.75	
29	Dr. Amit Kumar Swain		5	

3.398809524

30	Mr. Bibhudatta Satapathy		3.75	
31	Mr. Anmol Sukanta Mohanty		3.5	
32	Mr. Piyush Nangalia		3.75	
33	Mrs. Rashmi Ranjan Sahoo		4.75	
34	Mr. Rakesh Kumar Panda		5	
35	Mr. Sashmita Sahoo		1	
36	Dr. Manoranjan Mohapatra		6	
37	Mrs. Jiren S. Kandulna	Jharkhand	-1.5	
38	Mr. Nishant Kumar Kunal		0	
39	Dr. Santosh Mishra		5	
40	Dr. Abdul Ahad		5.25	
41	Dr. Sharmila Maulik	West Bengal	-0.5	
42	Dr. Jayanta Sarkar		7.5	
43	Dr. Chandan Ghosh		-1.25	

**B) Post-Training Assessment of the Participants:**

<b>Result</b>				
<b>S.No.</b>	<b>Name</b>	<b>State</b>	<b>Marks</b>	
			<b>Post Test</b>	<b>Avg.</b>
1	Dr. Ajay Kumar	Bihar	7.5	
2	Dr. Vijay Kumar		8.75	
3	Dr. Anil Kumar		6.25	
4	Dr. Purnendu Arya		6.25	
5	Dr. Chandan Paswan		5	
6	Dr. Shailendra Kumar		5	
7	Dr. Harshit Raj		4.75	
8	Dr. Binayak Chandra Diwakar		7.5	
9	Dr. Ejaz Ahmad		0	
10	Dr. Ramesh Kumar		3.75	
11	Dr. Priyanka Kumari		6.25	
12	Dr. Sanjeev Kumar Jha		5	
13	Dr. Tamseel Ahmad Ansari		4.75	
14	Dr. Santosh Kumar Jha		6.25	
15	Dr. Sanjay Kumar Singh		5	
16	Dr. Sanjay Kumar		1	
17	Dr. Amar Nath Yadav		5	
18	Dr. Rekha Kumari		6.25	
19	Dr. Rajnath Singh		4.75	
20	Dr. Satyendra Kumar Satya		8.5	
21	Dr. Dhananjay Kumar Sinha		7.25	
22	Dr. Manoja Bhuyan	Odisha	7.5	
23	Dr. Jitendra Sarangi		7.5	
24	Dr. Somen Kumar Pradhan		7.25	
25	Dr. Samyak Sahu		6	
26	Dr. Chulabati Sahu		4.75	
27	Dr. Chandan Gadanayak		8.75	
28	Dr. Sanat Subham Mishra		8.75	
29	Dr. Amit Kumar Swain		5	

**5.581395349**

30	Mr. Bibhudatta Satapathy		6.25	
31	Mr. Anmol Sukanta Mohanty		4.75	
32	Mr. Piyush Nangalia		6	
33	Mrs. Rashmi Ranjan Sahoo		8.75	
34	Mr. Rakesh Kumar Panda		3.75	
35	Mr. Sashmita Sahoo		3.5	
36	Dr. Manoranjan Mohapatra		7.5	
37	Mrs. Jiren S. Kandulna	Jharkhand	3.75	
38	Mr. Nishant Kumar Kunal		6.25	
39	Dr. Santosh Mishra		7.25	
40	Dr. Abdul Ahad		3.75	
41	Dr. Sharmila Maulik	West Bengal	4.75	
42	Dr. Jayanta Sarkar		2.25	
43	Dr. Chandan Ghosh		1.25	

## 8. Feedback on implementation

**Feedback on if trainees plan to utilize the training course? (Yes/No/Not Sure)**

**Answer: Yes**

**If yes, feedback on how they plan to utilize the training course?**

**(Further trainings/ Awareness generation in their health facility/Other)**

**Answer: Awareness generation in their health facility**

## ANNEX I: PARTICIPANTS' LIST

S.No.	Name	Designation	Organization	E-mail	Contact
1	Dr. Ajay Kumar	A.C.M.O. & NCDO	District Hospital, Jehanabad	drajaykumar1960@gmail.com	9525187383
2	Dr. Vijay Kumar	Medical Officer	SDH, Banmankhi	krdrvijay300@gmail.com	9631600407
3	Dr. Anil Kumar	Medical Officer	Civil Surgeon Office, Darbhanga	78dr.anilkumar@gmail.com	9934867017
4	Dr. Purnendu Arya	Medical Officer	Sadar Hospital, Nawada	drpurnendu.arya@gmail.com	8709652002
5	Dr. Chandan Paswan	Medical Officer	Sadar Hospital, Saharsa	drchandanson1991@gmail.com	7004731025
6	Dr. Shailendra Kumar	Medical Officer	Sadar Hospital, Sheikpura	Drshkumar1976@gmail.com	9801835455
7	Dr. Harshit Raj	Medical Officer	Chhapra	harshitrajsinha531992@gmail.com	8210653069
8	Dr. Binayak Chandra Diwakar	Medical Officer	Madhepura	binuuchandra@gmail.com	8210760627
9	Dr. Ramesh Kumar	Medical Officer	Sadar Hospital, SASARAM , ROHTAS,	RKRK828@GMAIL.COM	7250285400
10	Dr. Priyanka Kumari	Medical Officer	Nalanda Biharsharif	Priyankakumari51pk@gmail.com	8210381917
11	Dr. Sanjeev Kumar Jha	Medical Officer	SADAR HOSPITAL	sanjeev7514jha@rediffmail.com	9431451064
12	Dr. Tamseel Ahmad Ansari	Medical Officer	Sadar Hospital Kishanganj	drtamseelahamedansari@gmail.com	7783816373
13	Dr. Santosh Kumar Jha	Medical Officer	GGSSHospital, Patna city, patna	drskjha9484@gmail.com	9304307650

14	Dr. Sanjay Kumar Singh	Medical Officer	JPN HOSPITAL GAYA	drsanjaykrsingh.singh@gmail.com	9006595939
15	Dr. Sanjay Kumar	GENERAL SURGEON	Buxar	drsanjayabha@rediffmail.com	9835212941
16	Dr. Amar Nath Yadav	Medical Officer	Sitamarhi	amarsilky@gmail.com	8252407784
17	Dr. Rekha Kumari	Medical Officer	District Hospital, Muzaffpur	drrekhaksingh@gmail.com	7739778139
18	Dr. Rajnath Singh	SMO	Begusarai	rajnathsingh10@gmail.com	9304301049
19	Dr. Satyendra Kumar Satya	Medical Officer	SARAIGARH BHAPTIYAH	sksatya05105@gmail.com	8877523642
20	Dr. Dhananjay Kumar Sinha	SMO	Bhabhua	Dr.dhananjaykgmc@gmail.com	7488392245
21	Dr. Manoja Bhuyan	Assistant Professor	SCB Medical College	dr.manojabhuyan@gmail.com	8249106263
22	Dr. Jitendra Sarangi	Assistant Professor	SJMCH PURI	drjitums@gmail.com	9437443066
23	Dr. Somen Kumar Pradhan	Assistant Professor	M.K.C.G. Medical College	somenpradhan@yahoo.com	7000518788
24	Dr. Samyak Sahu	Assistant Professor	Burla	jughead.samyak@gmail.com	7667246041
25	Dr. Chulabati Sahu	ADPHO FW	Sundargarh	chulabatisahu@gmail.com	9437253995
26	Dr. Chandan Gadanayak	Sr Consultant	DHH Rayagada	chandangadnayak.cg@gmail.com	9437021383
27	Dr. Sanat Subham Mishra	Medical Officer	Sdh anandapur	sanatsubhammishra@gmail.com	9437220272
28	Dr. Amit Kumar Swain	Medical Officer	CHC Birasal	amitswain95@gmail.com	9658413513
29	Mr. Bibhudatta Satapathy	Hospital Manager	Phulbani	bibhudatta806@gmail.com	7008775418
30	Mr. Anmol Sukanta Mohanty	Hospital Manager	Puri	mohantyanmol@gmail.com	9778889937
31	Mr. Piyush Nangalia	Hospital Manager	SVPPGIP, CUTTACK	piyushnangalia.01@gmail.com	6371379099
32	Mrs. Rashmi Ranjan Sahoo	Hospital Manager	Government Medical College and	rashmi.hospitalmanagement@gmail.com	9979241338

			Hospital Sundergarh		
33	Mr. Rakesh Kumar Panda	Hospital Manager	District Headquarter Hospital	rakeshpanda5472@gmail.com	9178042522
34	Mr. Sashmita Sahoo	Hospital Manager	DHH, JAGATSIN GHPUR	princesasmita22@gmail.com	8249096017
35	Dr. Manoranjan Mohapatra	State Consultant Quality Assurance	SPMU NHM, Bhubanesw ar	drmanoranjanmohapatra@gmail .com	9861222192
36	Mrs. Jiren S. Kandulna	Hospital Manager	Ranchi	jirenkandulna@gmail.com	9308989522
37	Mr. Nishant Kumar Kunal	Hospital Manager	Jamshedpur	hmchatra@gmail.com	7033627352
38	Dr. Santosh Mishra	District Epidemiologi st	Garhwa	ebsantosh@gmail.com	9304338818
39	Dr. Abdul Ahad	Associate Professor and Head	Daltonganj	aahad.amu@gmail.com	8439180687
40	Dr. Sharmila Maulik	ADDITIONAL MEDICAL SUPERINTE NDENT	NRS Medical college and Hospital	Sharmilamaulik@gmail.com	9051781489
41	Dr. Jayanta Sarkar	Medical Superintende nt	Nadia District Hospital, Krishnanag ar	drjayanta.13@gmail.com	9733084925
42	Dr. Chandan Ghosh	Superintende nt	Siliguri DH	drchandanghosh@gmail.com	9434768075

## **ANNEX II: AGENDA**

### ANNEX III: TRAINING EVALUATION

**Capacity building training programme on "Hospital Preparedness for Health Emergencies for Hospital Administrators" at AIIMS, Patna  
(20th -25th January 2025)**

Training Evaluation							
S.No.	Training Evaluation	Strongly agree	Agree	Neutral	Disagree	Strongly disagree	Total
1	Over all training was good	33	8				
2	Exercises/Activities was good	29	12				
3	Presentations were easy to understand	34	6	1			
4	Background document understandable	24	17				
5	Time allotted for session is appropriate	18	15	5	3		
6	All topics covered well	26	11	3	1		
7	Easy language in background document	30	10	1			
8	Break time was given as per the agenda	33	7		1		
9	Experience during mock exercise(good)	36	5				
10	The course curriculum will help participants in practical implementation of learnings from training	35	6				