

ANNUAL REPORT

2020-21



*Himachal Pradesh State Disaster Management Authority
(HP SDMA)*

Government of Himachal Pradesh

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VISION

"To build a safer and disaster resilient Himachal by developing a holistic, pro-active, multi-disaster, technology-driven and community-based strategy for disaster management through collective efforts of all Government Agencies and Non-Governmental Organizations. The entire process will center-stage the community and will be provided momentum and sustenance through the collective efforts of all government agencies and Non-Governmental Organizations"

MISSION

- To work as a think tank for the Government by providing assistance in policy formulation from DRR Lens and;
- To facilitate in reducing the impact of disasters through:
- Planning and promoting training and capacity building services including strategic learning.
- System development and expertise promotion for effective disaster mitigation.
- Promoting awareness and enhancing knowledge and skills of all stakeholders and general people.
- Networking and facilitating exchange of information, experience and expertise.
- Research & Development and documentation of best practices.

LIST OF ABBREVIATIONS AND ACRONYMS	
AGiSAC	Aryabhata Geo-informatics and Space Application Centre
ARTRAC	Army Training Command
AWS	Automatic Weather Stations
BRO	Border Roads Organization
BSNL	Bharat Sanchar Nigam Limited
CAPF	Central Armed Police Force
CISF	Central Industrial Security Force
DDMA	District Disaster Management Authority
DEOC	District Emergency Operation Centre
DMP	Disaster Management Plan
Dr.RPGMCH	Dr. Rajendra Prasad Government Medical College and Hospital
DSS	Development Support Services
EOC	Emergency Operation Centre
EWS	Early Warning System
GIS	Geographic Information System
HIPA	Himachal Pradesh Institute of Public Administration
HPSDMA	Himachal Pradesh State Disaster Management Authority
ICT	Information Communication Technology
IDDR	International Day for Disaster Risk Reduction
IMD	India Meteorological Department
IRB	Indian Reserve Battalion
I SAT	Inmarsat (Satellite Phone)
ITBP	Indo Tibetan Border Police
NIC	National Informatics Centre
NDMA	National Disaster Management Authority
NDMS	National Disaster Management Services
NDRF	National Disaster Response Force
NIMHANS	National Institute of Mental Health and Neuro Sciences
PSS	Psychosocial Support
SDMA	State Disaster Management Authority
SDRF	State Disaster Response Force/Fund
SEOC	State Emergency Operation Centre
SFDRR	Sendai Framework for Disaster Risk Reduction
ToT	Training of Trainers
UNDP	United Nations Development Programme
UNISDR	United Nations International Strategy for Disaster Reduction
VSAT	Very Small Aperture Terminal

I. INTRODUCTION

Himachal Pradesh is one of the most multi-hazard prone State of India. The State faces various types of natural hazards like the geological hazards, earthquake and landslide; hydrological hazards of riverine floods, flash floods and glacial lake outburst floods; meteorological hazards of droughts, hailstorms and cloudbursts; and climatological hazards of cold wave, frosts and avalanche. The frequency and intensity of most of these hydro-meteorological hazards are compounded by climate change and its impacts on agriculture, horticulture, human settlements and human and animal health. Further, the State routinely faces various manmade hazards such as fires, transport related accidents, stampedes in religious fairs etc.

Sparse density of population of the mountainous State has kept the level of human exposure to the risks of disaster in Himachal Pradesh relatively low as compared to many other States of the country. However, location of high value infrastructure, such as hydro-electric projects and communication networks, productive assets, and vulnerable houses, social and community infrastructure in various hazard zones has exposed the economy of the State to considerable risks of disasters. Such risks particularly exist in unplanned and growing urban settlements, such as the capital city of Shimla. The following specificities further accentuate the disaster vulnerability of the people in the State:

- Physical isolation and tough terrain
- Scattered nature of settlements and hamlets
- Harsh climatic conditions
- High construction cost
- Inadequate infrastructure
- Inadequate road connectivity
- Dependency of 70 percent people on agriculture and allied sectors for their livelihood
- Heavy dependence on rains and inadequate irrigation
- Substantial population of livestock
- Vulnerability to climate change

The past experiences suggest that immediate impact of disasters such as floods, landslides and earthquake results in the disruption of road connectivity. Sometimes the roads in the state remain cut-off for months due to the occurrence of landslides, formation of lakes and submergence of roads. There are many instances when the districts of Kinnaur and Lahaul & Spiti remained cut-off from rest of the state for months. At times, the connectivity is also broken due to avalanches and snowstorms hindering the transport to the affected border areas. Lack of connectivity also causes

secondary effects such as non-availability of essential supplies and problems of distribution.

1.1 Genesis of HPSDMA

The basic responsibility for undertaking rescue, relief and rehabilitation measures in the event of a disaster rests with the State Government. The State Government supplements the efforts of the District Administration by providing logistic and financial support in case of natural calamities. The logistic support includes deployment of aircraft, boats, special teams of Armed Forces, Central Armed Police Forces (CAPFs) and National Disaster Response Force (NDRF), arrangements for relief materials and essential commodities including medical supply, restoration of critical infrastructure facilities including communication network and such other assistance as may be required by the affected Districts to meet the situation effectively.

The Government of India has enacted the Disaster Management Act, 2005 to provide for the effective management of disasters and for matters connected therewith or incidental thereto. It lays down the institutional mechanism for drawing up and monitoring the implementation of the disaster management plans, ensuring measures by various wings of the Government for prevention and mitigation of the effects of disasters and prompt response to any disaster situation.

1.2 Constitution of HPSDMA

On 23rd December 2005, the Government of India took a defining step by enacting the Disaster Management Act, 2005; which envisaged creation of the National Disaster Management Authority (NDMA) headed by the Hon'ble Prime Minister, State Disaster Management Authorities (SDMA) headed by the Hon'ble Chief Ministers, and District Disaster Management Authorities (DDMA) headed by the District Magistrates or Deputy Commissioners as the case may be, to spearhead and adopt a holistic and integrated approach to Disaster Management (DM).

Section 3 of the Disaster Management Act, 2005 lays down the establishment of State Disaster Management Authority at the State Government levels. Accordingly, for the State of Himachal Pradesh, the HPSDMA was notified vide notification No. Rev. D(F) 4-2/2000-V; dated 1-06-2007.

1.3 Composition of HPSDMA

1	Hon'ble Chief Minister	Chairperson
2	Hon'ble Revenue Minister	Vice Chairperson
3	Chief Secretary	Member
4	Additional Chief Secretary/Principal Secretary/Secretary (Home)	Member
5	Additional Chief Secretary/Principal Secretary/Secretary	Member

	(PWD)	
6	Additional Chief Secretary/Principal Secretary/Secretary (Health)	Member
7	Additional Chief Secretary/Principal Secretary/Secretary (IPH)	Member
8	Director General of HP	Member
9	Additional Chief Secretary/Principal Secretary/Secretary (Rev)	Member Secretary

1.4 Roles and Responsibilities of HPSDMA

Subject to the provisions of Section 18 of the DM Act 2005, a State Authority shall have the responsibility for laying down policies and plans for disaster management in the State. Without prejudice to the generality of provisions contained in sub-section (1), the State Authority may:

- i. Lay down the State Disaster Management Policy.
- ii. Approve the State Plan in accordance with the guidelines laid down by the National Authority.
- iii. Approve the Disaster Management Plans prepared by the Departments of the Government of the State.
- iv. Lay down guidelines to be followed by the departments of the Government of the State for the purposes of integration of measures for prevention of disasters and mitigation in their development plans and projects and provide necessary technical assistance, therefore.
- v. Coordinate the implementation of the State Plan.
- vi. Recommend provision of funds for mitigation and preparedness measures.
- vii. Review the development plans of the different departments of the State and ensure that prevention and mitigation measures are integrated therein.
- viii. Review the measures being taken for mitigation, capacity building and preparedness by the departments of the Government of the State and issue such guidelines as may be necessary.

The Chairperson of the State Authority shall, in the case of emergency, have power to exercise all or any of the powers of the State Authority but the exercise of such powers shall be subject to ex post facto ratification of the State Authority.

1.5 The State Executive Committee

Constitution of State Executive Committee: The State Government shall, immediately after issue of notification under sub-section of section 14 of the DM Act 2005, constitute a State Executive Committee to assist the State Authority in the performance of its functions and to coordinate action in accordance with the guidelines laid down by the State Authority and ensure the compliance of directions issued by the State Government under this Act. In continuation constitution of the State Executive Committee was notified on 5th May 2009.

Composition of the SEC

1	Chief Secretary	Chairperson
2	Additional Chief Secretary/Principal Secretary (Home)	Member
3	Additional Chief Secretary/Principal Secretary (PWD)	Member
4	Additional Chief Secretary/Principal Secretary (Health)	Member
6	Additional Chief Secretary/Principal Secretary (Revenue)	Member Secretary

II. INSTITUTIONAL STRENGTHENING AND CAPACITY DEVELOPMENT INITIATIVES

2.1 Trainings and Capacity Development Programmes

The Disaster Management Centre, Himachal Pradesh Institute of Public Administration (HIPA) was setup to address disaster management issues as envisaged and enshrined in the Disaster Management Act, 2005. Ever since its inception, the Centre has played a catalytic role in building capacities to deal with diverse facets of multiple hazards that affects the state every year. The Centre has addressed the disaster management issues from the preparedness, response, mitigation and recovery perspective, by providing technical assistance for capacity development. After its establishment, this Centre has provided trainings on disaster risk reduction and disaster management to different stakeholders. Training programmes are conducted for officers & officials of State Government representatives of Panchayati Raj Institutions, Urban Local Bodies, NGOs, Mahila/Yuvak Mandals and other Public/Pvt. Agencies.

However due to the restrictions imposed due to the COVID-19 pandemic no training programmes could be conducted.

2.2 Remembering Kangra Earthquake of 4 April 1905

The seismic vulnerability of Himachal Pradesh is attributed to the formation of Himalayas 50-60 million years ago; due to the collision of the Indian with the Eurasian plate. Consequential to the collision there is a continuous northward movement of the Indian plate creating active fault lines, like the Main Central Thrust (MCT), Main Boundary Thrust (MBT) and Main Frontal Thrust (MFT). These faults run along the entire length of the Himalayas. These longitudinal tectonic faults are transverse by large number of parallel faults throughout the state that have made Himachal Pradesh one of the most active seismic zones of the country¹.

The Kangra Earthquake of 4 April 1905 accounts for the largest death toll ever recorded during a disaster in Western Himalayas. After 1905, no major earthquake has struck the State and thereafter a lot of strain has already built up along the Himalayan Arc. To sensitize and prepare the government machinery and general public, HPSDMA, DM Cell, Department of Revenue conducts various activities across the State.

However due to the restrictions imposed due to the COVID-19 pandemic the activities had to be restricted and only awareness drive was conducted through the Social Media platforms.

¹Himachal Pradesh State Disaster Management Authority (HPSDMA). (2017). *HP State Disaster Management Plan*. Shimla: HPSDMA.

2.3 International Day for Disaster Risk Reduction (IDDRR) "Samarth"

- **Gram Sabha Meetings :**
In coordination with Panchayati Raj and District Rural Development Agency (DRDA) the Gram Sabha meetings were organized in the entire Gram Panchayats of the State. The objective of Gram Sabha meetings was to spread awareness about different hazards/disasters in the state
- **Mock Drills:**
In coordination with Home Guard & Civil Defence and Fire services mock drill either on earthquake or fire scenario were organized successfully.
- **Activities at schools:**
Mock Drills on Fire Safety and earthquakes were conducted in all the schools.
- **Competitions:**
 - Slogan Writing Competition.
 - Quiz on Disasters (both in Hindi & English).
 - Painting & poster making.
 - Essay writing competition for schools.
 - Preparation of Disaster Management Plans (DMPs).
- **Online Workshops**
 - Online Workshop on School Safety:
 - Online Meeting on Strengthening District Level Inter-Agency Group:
 - Online Awareness Program on Disaster Risk Reduction (DRR):
 - Online Program for DRR for Heritage Sites:

2.4 Trainings and Capacity Development Programmes:

- **Online training on IRS** (Incident Response System) was conducted with the support of National Disaster Management Authority, Ministry of Home Affairs, Government of India on 12-10-2020.
- **A Table Top Exercise on chemical (Industrial) Disaster** was conducted in association with NDMA on 15-10-2020 under the chairmanship of Chief Secretary to the Govt. of Himachal Pradesh through video conference.
- **Doppler Weather Radar :-**

The first "Doppler Weather Radar" (DWR) was installed at Kufri, District Shimla in coordination with Indian Meteorological Department (IMD). The objective of DWR is to provide area-specific weather forecasts

and warning for a particular place. The range of this radar is 100 KM (radial distance) and it will observe and provide the weather data 100 KM in all directions, which will be used for forecasting purposes, especially for the short range forecast (nowcasting) which is crucial for managing disasters or any emergencies.

- **State Disaster Response Force (SDRF):** HPSDMA, coordinated the work related with the establishment of State Disaster Response Force. Hence, SDRF was constituted in the year 2020 with 25 police personals. The police personals are deputed from Himachal Pradesh Reserved Armed Police Force for 6-7 years and thereafter the personnel will go back to their respective parent department and thereafter replaced with another set of personnel.
 - **Helipads:** DMC, Revenue Department Conducted a comprehensive study to identify better locations for setting up new helipads in the state in view of the increasing number of tourists and possibilities of natural disaster on GIS platform and also identifying habitation/locations which are unserved by any helipad, taking a radius of 10 Sq. Km. Accordingly the task was completed through the AGISAC which has identified 51 locations in the State for construction of helipads to cater to unserved habitation/locations.
 - **H5N1 Avian Influenza:** After bird flu outbreak in Kangra District, the bird flu cases were reported in Sub-Division Theog, District Shimla also. Looking into the seriousness of the situation the area was put under surveillance as the samples sent for testing tested positive for Avian Flu. DDMA Shimla in coordination with SDM Theog issued advisory to the public to follow all the precautionary measures laid down by the government against Avian Influenza outbreak and also to maintain cleanliness and hygiene. Further Wild Life Department, Animal Husbandry, Forest Department along with Horticulture Department were directed to be in readiness state and active surveillance on the situation to ensure any unusual mortality amongst birds and to take necessary measures to prevent further spread of virus
 - **GO-NGO Coordination and Inter-Agency Group:** The GO-NGO coordination meeting was held between HPSDMA and Inter-Agency Group. The Non-Government Organizations are vital stakeholders in all the phases of Disaster Management and they facilitate smooth communication and coordination between administration and affected communities. These humanitarian agencies and NGOs were to supplement the efforts of government to help communities in coping and
-

providing effective recovery from the COVID-19. They were also encouraged to empower the community through their respective institutional mechanisms.

- **Water scarcity, Heat and Drought conditions:** The unusual rise in temperature and water scarcity along with heat wave conditions prevailed in some parts of the State, as it triggers forest fires and prolonged dry conditions, shrinking snow cover and resultant melting of glaciers. Awareness drive with public through social media platform, were conducted in the concerned districts..

2.5 Workshops/Webinars

- Webinar on Mainstreaming Indigenous Construction Practices for Earthquake Safety in Himachal Pradesh. Dated: 17th November, 2020.
- Virtual Multi-stakeholders Awareness & Dialogue on Disabilities & Disasters on World Disability Day Celebration. Dated: 3rd December, 2020.
- Three Days Online Training Programme on Landslide Risks Reduction & Resilience. Dated: 16th-18th December, 2020.
- Webinar on Empowering Communities: Disaster Risk Reduction at Local Level. Dated: 28th January, 2021
- Webinar on Hospital Preparedness for Emergencies. Date: 30th January, 2021
- Panel Discussion on Avian Influenza (Bird Flu). Dated: 2nd February, 2021
- Webinar .on Management of COVID-19 Pandemic Experience and Initiatives. Dated: 16th February, 2021
- 3 day online training programme on Safe Construction Practices in rural areas of Himachal Pradesh. Dated: 17th-19th February, 2021
- Webinar on Disaster Safe Rural Housing. Dated: 26th February, 2021

III. COVID 19 in Himachal Pradesh

3.1 Emergence of the global pandemic due to COVID 19 virus

Coronaviruses refer to the family of viruses that are known to cause respiratory infections in both animals and humans.

3.2 First reported case - The case of Wuhan

The (COVID-19) is caused by Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2). The outbreak was first identified in **Wuhan, Hubei Province, China, in December 2019.**

3.3 Timeline of key events and milestones

On 30 January, India reported its first case of COVID-19 in Kerala. The transmission escalated during March, after several cases were reported all over the country, most of which were linked to people with a travel history to affected countries. Curative and preventive measures undertaken by Govt. of India

Government of India has taken various steps during COVID pandemic. These steps are tabulated in Table below:

Table 1 List of Major Preventive Measures taken by the Government of Indian and implemented in the State.

Date	Measure
25/1/20-13/3/20	Health Screenings at Airports and border crossings.
26/2/2020-20/3/2020	Introduction of Quarantine policies: gradually for passengers coming from different countries
26/2/2020-12/3/2020	Visa restriction-gradually for different Countries
5/3/2020	Limit public gatherings
11/3/2020	Boarder checks
13/3/2020-15/3/2020	Border closure
16/3/2020	Limit Public Gatherings
18/3/2020	Travel Restrictions
20/3/2020	Testing for COVID-19
22/3/2020	Cancellation of Passenger Train Services
24/3/2020	Suspension of Domestic Airplane Operations
25/3/2020	21 Day Lockdown of Entire Country
30/3/2020	Increase of Quarantine/ isolation Facilities
14/4/2020	Extension of Lockdown till 3 May 2020
20/4/2020	agricultural businesses, including dairy, aquaculture and plantations, as well as shops selling farming supplies, were allowed to open while maintaining social distancing
25/4/2020	Small Scale retail Shops were allowed to open while maintaining social distancing
29/4/2020	Interstate movements of stranded persons
01/5/2020	Lockdown extended for 2 weeks till May 17, 2020
04/5/2020	Zones were classified according to which economic activities will be allowed.
10/5/2020	Guidelines for Home Isolation of very mild/pre-symptomatic COVID-19

Date	Measure
	cases.
15/5/2020	Advisory for managing Health care workers working in COVID and Non-COVID areas of the hospital to provide guidance on preventive measures, isolation and quarantine of health care workers.
16/5/2020	Updated Cluster Containment Plan for COVID-19
17/5/2020	Lockdown Extended for Two Weeks by MHA.
18/5/2020	Strategy for testing of COVID-19 updated. Guidelines on preventive measures to contain spread of COVID-19 in workplace settings issued.
24/5/2020	Guidelines for domestic travel (air/train/inter-state bus travel) and International arrivals issued.

Source: <https://www.medrxiv.org/content/10.1101/2020.04.24.20077792v1.full.pdf>

3.4 Janata Curfew

The Prime Minister Narendra Modi addressed the nation and announced a 'Janata Curfew' from 7 am to 9 pm on Sunday, 22 March, to stop the spread of coronavirus that has already claimed four lives in the country and infected at least 169 others.



3.5 Limit Public Gathering

There have been 83 cases in India and has resulted in death of 2 cases till 14th March. In view of this, for the better enforcement of social distancing measures to prevent community transmission of the virus, it has been advised by the Ministry of Health & Family Welfare, Government of India dated 5th March 2020 that the mass gathering may be avoided or possibly be postponed till the disease spread is contained.

3.6 Lockdown

Phase 1: 25 March to 14 April

Objective: To Prevent the Community transmission of the virus and better enforcement of social distancing

Key Features:

- All non-essential activities remain shut for the entire 21 days.
- Essential activities include: Hospitals, dispensaries, chemist shops, ration shops under PDS, etc will remain open.

Phase 2: 15 April to 3 May

Objective: To consolidate the gains achieved during the initial 21-day phase of the lockdown, and further slow-down the spread of COVID-19.

Key Features:

- A select few activities will be allowed in the areas that haven't been identified as COVID-10 hotspots or containment zones.
- Lockdown areas were classified as "red zone", "orange zone", and "green zone".

Phase 3: 4 May to 17 May

Objective: To slow-down the spread of COVID-19 and allowing some of economic activities in the country.

Key Features:

- The country has been split into 3 zones: red zones, orange zones and green zones according to which the economic activities will be allowed.
- The Zone Classification will be revised once a week.

Phase 4: 18 May to 31 May

Objective: To consolidate the gains achieved till date and allowing some of the economic activities in the country

Key Features:

- More Relaxations have been provided by Government.
- The delineation of red, green, and orange zones will be decided by the respective State/Union Territory governments, after taking into consideration the parameters shared by the Ministry of Health and Family Welfare.

3.7 Situation prior to the first reported case:

On 17th March, GoHP had declared an office order on banning of all Social, Cultural, Sports, Political, Religious, Academic, Family mass gatherings or gatherings of any kind, to Stop or slow down the rate and extend of disease transmission in a community, eventually leading to decrease in spread, morbidity and mortality due to the disease.

3.8 First reported case in Himachal Pradesh and actions taken:

The first COVID-19 case in Himachal Pradesh was noted on **20th march**. Two people have tested positive for the novel coronavirus in Kangra.

3.9 Timeline of key events and milestones:

- The Government of India (GoI) declared the COVID-19 outbreak in the country a 'notified disaster' on March 14, 2020; as the number of confirmed cases rose to 84 and the disease had claimed two lives.
- On the same day (March 14, 2020) the Government of Himachal Pradesh (GoHP) ordered closure of all the educational institutions, shopping malls, cinema halls, gymnasiums.
- In the following week (March 16-22, 2020) the GoHP undertook preemptive containment and quarantining measures.
- On March 24, 2020 a national level lockdown was announced by the GoI under DM Act 2005 up to 14.04.2020.
- The GoHP has been earnestly enforcing this curfew/lockdown, while maintaining a steady supply chain of all essential commodities.
- The national lockdown has been further extended till May 3, 2020, while offering relaxation in specific sectors and activities from April 20, 2020.

The SEC took cognizance of the threatening disaster situation in the country due to COVID-19 virus outbreak in early March 2020. The Government of India, Ministry of Home Affairs, Disaster Management Division vide letter dated 14-03-2020 decided to treat COVID-19 Virus Outbreak as notified disaster for the purpose of aiding under State Disaster Response Fund (SDRF).

The following items were added for norms of assistance under SDRF: -

1. Measures for quarantine, sample collection and screening
 - a) Provision for temporary accommodation, food, clothing, medical care, etc. for people affected and sheltered in quarantine camps (other than home quarantine) or for cluster containment operations.
 - b) Cost of consumables for sample collection.
 - c) Support for checking, screening, and contact tracing.
2. Procurement of essential equipment / labs for response to COVID-19
 - a) Cost of setting up additional testing laboratories within the Government and the cost of consumables.
 - b) Cost of personal protective equipment for healthcare, municipal, police and fire authorities.

c) Cost of Thermal Scanners, ventilators, air purifiers, and consumables for Government hospitals

The Health Department demanded funds to the tune of Rs. 10.00 Crores to take necessary measures to fight the virus epidemic on 14.3.20. The Government decided to release Rs. 5.00 Crores in the first instance from the SDRF on 16.3.20. With the direction of Finance Department another Rs. 10.0 crore was sanctioned to the Health Department.

An amount of Rs. 15.0 Crore was provided by the DMC, Department of Revenue to the Health Department to prepare for the fight against the epidemic, out of the SDRF.

The State Government also took the following steps to deal with COVID-19 virus outbreak:-

- i. The Government of India has added Masks (2Ply & 3Ply, Surgical Masks, N95 Masks) and hand sanitizers under Essential Commodities Act- 1955.
- ii. The States have invoked the provisions of Epidemic Disease Act -1897 to issue regulation/ guidelines to curtail the spread of virus outbreak.
- iii. The provisions of Disaster Management Act have also been invoked by Deputy Commissioner, Shimla.
- iv. Prohibitory Order under Section 144 of Cr. PC has also been issued by some DMs.
- v. SDMA's and DDMA's of the State have been using their Facebook and Twitter handle to disseminate IEC on COVID-19.

3.10 Curative and preventive measures undertaken by Govt. of HP:

Date	Actions Taken by Govt.
20-Jan	GoI Informed the states about COVID-19
Till 31-Jan	<ul style="list-style-type: none"> • Instructions given to IGMC Shimla and Dr.RPGMCTand for setting up isolation wards and sample collection centres • Instructions given to DC & Chief Medical Officers for IEC and self-reporting of person from China cities • Self Declaration from travellers
03-Mar	VC with DC and Chief medical officers
04-Mar	VC with CM: practitioners involved through IMA and the Ayurvedic practitioners
20-Mar	500 people on surveillance
05-Mar	conversion of the cough corners established for Tuberculosis elimination into URI (Flu) corners
05-Mar	MoHFW issued O.M. on advisory to avoid and postpone mass gatherings till the disease spread is contained
06-Mar	MoHFW issued O.M. on advisory to schools to prevent the transmission of the virus along with advisory for exemption to employees for biometric attendance
12-Mar	State Govt. notification on mass gathering & educational institute
11-Mar	'The Himachal Pradesh Epidemic Disease (COVID-19) Regulations, 2020' were notified
14-Mar	Amendments in 'The Himachal Pradesh Epidemic Disease (COVID-19) Regulations, 2020'

Date	Actions Taken by Govt.
14-Mar	<ul style="list-style-type: none"> • Closures of the educational institutions, in the public as well as private sector and cinema halls • Precautions in 'Navratras' and 'Melas' • Tracking of travel history from person visiting from COVID affected countries • SOP released by MoFW classifying the person and places w.r.t.COVID 19
16-Mar	<ul style="list-style-type: none"> • Ban in entrance of public in religious places • Watch list of countries increased to 15
17-Mar	Mass/ Social gathering totally prohibited
18-Mar	Watch list of countries increased to 19
19-Mar	<ul style="list-style-type: none"> • Ban on tourists visiting HP • Watch list of countries increased to include all countries • Instituting measures for decongestion of the hospital by instituting measure like deferring elective surgeries and prescribing medicine for at least 30 days to chronic disease patients.
21-Mar	<ul style="list-style-type: none"> • Closure of Beauty parlours, hair cutting saloons, gyms, clubs, swimming pools, golf clubs, sports complexes etc. • Routine OPDs in institution for the isolation of confirmed cases of COVID-19 were order to be shut down • The testing protocol was extended to include all symptomatic health care workers, all hospitalized patients with Severe Acute Respiratory Illness (SARI) and asymptomatic direct and high risk contact of confirmed case.
22-Mar	Complete lockdown in Kangra district (with certain relaxations, exceptions and exemptions for specified emergency and essential services and needs)
23-Mar	<ul style="list-style-type: none"> • Lockdown extended to the whole state • To avoid the gathering of beneficiaries at Common service centres across the State for preparation of Him Care Cards, the enrolment period was extended till 15 th May, 2020.
23-Mar	Staggering of working days, timings and office hours of Class III & Class-IV employees, industrial establishments and factories
25-Mar	<ul style="list-style-type: none"> • Extended retirement of Medical Officers, faculty members and paramedical staff under • Re-employed retire staff b/w 31 st December, 2017 to 29 th February, 2020
04-Apr	Directions issued for outsourcing services of specified categories of paramedical staff (17 Consultants, 1 Epidemiologist and 1 Entomologist Approved)
24-Mar	Ministry of Home Affairs declared 'lockdown' throughout the country
26-Mar	Appointment of retired Medical Officers/ Faculty members from Military and Paramilitary forces,
30-Mar	<ul style="list-style-type: none"> • Telemedicine services started • Active Case Finding Campaign through house to house visit and verbal screening.
07-Apr	operationalization of secondary level dedicated isolation facilities
09-Apr	Order issued for hub & spoke model of cancer chemotherapy to mitigate the hardship being faced by the cancer patients across the State.
11-Apr	Sampling extended to persons with influenza like illness, cases of flu
14-Apr	Deduction of one day's salary/ emoluments of govt employees Appeal to public to contribute in H.P. COVID-19 Solidarity Response Fund.
14-Apr	Extension of lockdown till 3-May
15-Apr	Introduced 13 mobile sampling vans by customizing the existing 102 ambulances
16-Apr	<ul style="list-style-type: none"> • Directions regarding Border Management • Direction to establish temporary quarantine centres at the border.
18-Apr	Guidelines on maintenance of non-COVID health services
20-Apr	<ul style="list-style-type: none"> • Directions for use of Rapid anti body testing and for the pooling of the samples • Directions on preparing a emergency COVID response plan in three phases
22-Apr	<ul style="list-style-type: none"> • Guidelines on detection of suspected/ confirmed COVID case in a non-COVID health facility. Ensure downloading AarogyaSetu application • Directions to all the Medical Colleges for constitutions of Rapid Response Team and forging co-operation with the field surveillance units. • Institute of Himalayan Bio-resource Technology, Palampur was operationalized as RT-PCR testing centre

Date	Actions Taken by Govt.
23-Apr	TruNAAT machines will be provided to enhance testing
24-Apr	<ul style="list-style-type: none"> Guidelines regarding measures to be taken for safety of health workers, drafted for COVID-19 duties Dedicated whatsapp number was made functional for non-COVID essential health service grievance, redressal iGoT (Integrated Government online Training) was initiated
27-Apr	SLBSGMC Ner Chowk was operationalized as a RT-PCR lab
28-Apr	<ul style="list-style-type: none"> Detailed guidelines for immunization Three tier system of facilities for the management of COVID-19 positive cases on the basis of clinical severity in supersession of the two tier system put in place earlier. NHM guidelines for preparation of emergency COVID response plan
01-May	<ul style="list-style-type: none"> State unprecedented cross border migration Detailed guidelines for home quarantine and other measure to be taken in respect of cross border travellers issued
04-May	Notification of CCC, DCHC, DCH
05-May	<ul style="list-style-type: none"> Detailed guidelines for maternal health and obstetric care during the COVID-19 epidemic. reverse quarantine strategy for the elderly and vulnerable population Guidelines for use of PPEs kits for health care workers in non-COVID areas Circular for popularization for AarogyaSetu IVRS 1921.
11-May	<ul style="list-style-type: none"> Clarification in Pradhan MantriGareebKalyan Package and issued guidelines Circular regarding CORONA Mukht Himachal application detailing the amendments and procedure was issued on the same day.
14-May	Guidelines for inter-District movement of people from containment zone
15-May	Reiterated the measures and precautions for social distancing in view of relaxation of lockdown. clinical protocol and guidelines for RT-PCR based pool sampling issued.
18-May	<ul style="list-style-type: none"> Advisory regarding managing health care workers and revised advisory on rational use of Personal Protection Equipment. Revised the discharge policy for discharge of COVID-19 patients Updated the cluster containment plan for large outbreaks.

3.11 Key advisories and guidelines issued by Govt. of HP

The major advisories, Guidelines and Office orders issued by various departments of GoHP is mentioned in the table below. The advisories and guidelines are available at <http://covidorders.hp.gov.in/>.

Date	Notification Name
05 March 2020	Office orders of designated officers as Nodal Officers
05 March 2020	Notification of clinical In charges for any outbreak
05 March 2020	Office order regarding RRT Members
12 March 2020	Notification /Order regarding Melas& Mass Gatherings
14 March 2020	Amended Regulations- COVID
14 March 2020	Instructions in view of COVID-19- Closing of Schools etc.
16 March 2020	HPKVN Order for suspension of Training activities
16 March 2020	Notification regarding Religious Closure

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Date	Notification Name
16 March 2020	Order regarding disinfection of buses taxis, commercial establishments & ATMs etc.
16 March 2020	Notification regarding Countries kept in watch list / Areas under watch list
16 March 2020	Notification regarding inclusion of masks etc. in essential commodities
16 March 2020	Notification of State Surveillance Unit (SSU) & District Surveillance Unit(DSU)
16 March 2020	Office Order: Regarding designation of Dr. Malay Sarkar, Prof.& Head (Pulmonary Medicine) as Overall clinical in charge for COVID-19
17 March 2020	Office Order regarding ban on all type of gatherings
17 March 2020	Office Order regarding SLBPMC Nerchowk (Mandi) as Isolation Facility
18 March 2020	Personnel Department Instructions- Preventive measures to be taken to contain COVID-19
18 March 2020	Guidelines on Dead Body Management for COVID-19
18 March 2020	Notification regarding Countries in view of COVID-19
19 March 2020	Notification regarding banning of tourists in Himachal Pradesh
19 March 2020	Notification regarding All International Travellers in H.P.
21 March 2020	Order for Class-III and Class-IV Employees
21 March 2020	Order for closure of routine OPDs in isolated facilities for confirmed cases
21 March 2020	Order for closure of Saloons, Gyms, Beauty parlours & Sports Complexes etc.
21 March 2020	Order for more Institutional Quarantine Facilities
21 March 2020	Order for Factories & Commercial Establishments
21 March 2020	Regarding Communication of testing load to the Nodal Officers of Testing Centre
21 March 2020	Revised Strategy of COVID-19 Testing
21 March 2020	Instructions for Districts & Hospitals regarding Stamp Design & Home Quarantine Board
22 March 2020	Lockdown Order for Kangra District
23 March 2020	Department of Personnel Modification Orders
23 March 2020	Notification regarding Extension of HIMCARE.Period
23 March 2020	Final recommendations for chemoprophylaxis
23 March 2020	Earmarking of 108-NAS for COVID-19 in different districts of H.P.
23 March 2020	Guidelines on correct use of PPEs
23 March 2020	Modification of Lock down orders
23 March 2020	Order regarding closure of offices from 24th March 2020 for a period of 03 days
23 March 2020	Regarding RBSK teams & vehicles for surveillance & other activities for containment of

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Date	Notification Name
	COVID-19
23 March 2020	Notification regarding establishment of Control Room
23 March 2020	Sampling Protocols after expansion of categories
23 March 2020	Order regarding Lock down of entire State
25 March 2020	Order under COVID regulations for Private Hospitals
25 March 2020	Regarding deferring superannuation, re-employment to health officials
25 March 2020	Revised Guidelines on rational use of PPEs
26 March 2020	Guidelines for Cluster Containment & RWAs
26 March 2020	Order regarding Medical Personnel Re-employment
26 March 2020	Order- Extension of Closure of Offices
26 March 2020	Guidelines regarding Model Micro- Plan for containment of Local Transmission of COVID-19
28 March 2020	Guidelines to be followed for conservation of PPEs
28 March 2020	HPKVN Order for suspension of Training activities
29 March 2020	Letter for Corona Mukat Himachal App along with GuidanceNte
30 March 2020	Standard Operating Protocol for transporting a suspected or confirmed case of COVID-19
30 March 2020	Dissemination of Guidelines for disinfection of common public places including offices to DCs & HODs
30 March 2020	Orders for Active Case Finding in Districts for COVID and under COVID Regulations
30 March 2020	SOP for reallocation of residents/ PGs nursing students as a part of hospital management for COVID
31 March 2020	Detailed guidelines for contact tracing in Himachal Pradesh-COVID
31 March 2020	Extension of Lock Down Orders
01 April 2020	Directions to Private Hospitals
01 April 2020	Orders regarding wide publicity of Telemedicine Services
02 April 2020	Guidelines for Dialysis for COVID patients, Mental Healthcare of Elderly & Childern
03 April 2020	regarding notification of Medical College-Nerchowk as dedicated Isolation facility for confirmed cases of COVID 19
03 April 2020	Regarding notification of Medical College-Nerchowk as dedicated Isolation facility for confirmed cases of COVID 19
04 April 2020	Orders of Nodal Officers for Districts for COVID-19 Surveillance
04 April 2020	Regarding engagement of staff in Health Department on outsourcing basis in view of COVID-19

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Date	Notification Name
04 April 2020	Order regarding the prohibition of sale and use of Bubble Gum, Chewing Gum and similar products
04 April 2020	Notification regarding Nodal Persons for training & capacity building in the State of Himachal Pradesh
05 April 2020	Guidelines regarding containment of large outbreaks of COVID-19
06 April 2020	Guidelines for Quarantine Facilities
06 April 2020	Guidelines for handling, treatment and disposal of waste generated during treatment, diagnosis & quarantine of COVID-19 patients
06-04-2020	Order to Private Hospitals for SARS patients
07 April 2020	Order for secondary isolation facilities for confirmed Red Category cases under COVID Regulations
07 April 2020	Letter to Training Nodal Officers for updating list of training resources for COVID-19 management
07 April 2020	Notification of ESI Katha (District Solan) as secondary level dedicated isolation facility for confirmed cases of COVID-19
09 April 2020	Notification of Civil Hospital, Sarahan (Distt. Sirmour) as secondary level dedicated isolation facility for confirmed COVID-19 (Category Red Persons)
09 April 2020	Notification of Charitable Hospital, Bhota (Distt. Hamirpur) as secondary level dedicated isolation facility for confirmed COVID-19 (Category Red Persons)
09 April 2020	Notification of Aggarwal Trust Dharamshala, Jawalamukhi (Distt Kangra) as secondary level dedicated isolation facility for confirmed COVID-19 (Category Red Persons)
09-04-2020	Notification of S.S. Memorial Ashriwas Hospital Chamba as secondary level dedicated isolation facility for confirmed COVID-19 (Category Red Persons)
09 April 2020	Specific actions to be taken by District Administration for cluster containment
09 April 2020	Order regarding Chemotherapy for cancer cases during COVID-19 Lockdown
10 April 2020	National Blood Transfusion Guidelines
10 April 2020	Revised Guidelines for Dialysis of COVID-19 patients
11 April 2020	Order regarding media briefing at fixed time
11 April 2020	Extended sampling protocol for community surveillance
14 April 2020	Prohibition of Disinfection Tunnels
14 April 2020	Order regarding prohibition of spitting of smokeless tobacco etc.
15 April 2020	Guidance note for the maintenance of essential services
16 April 2020	Order regarding persons left out from relief camps
16 April 2020	Order regarding Border Management

Date	Notification Name
18 April 2020	Order: Regarding additional activities to be allowed after 20th April 2020 onwards as per directions of MHA by Chairman Sec (CS)
18 April 2020	Guidance note for essential health services during COVID-19 outbreak
18 April 2020	Updated containment plan for large outbreaks of COVID-19
19 April 2020	Amendment in the consolidated revised guidelines for strict implementation by all the Department & Organisations, District Magistrates, Police Officers & Local authorities
22 April 2020	Arrangement of sampling from various districts
22 April 2020	Detection of COVID cases in non covid health facilities
22 April 2020	Letter to Deputy Commissioners for ArogyaSetu App
22 April 2020	Regarding coordination of various departments of Medical Colleges for strengthening surveillance & response for COVID-19
28 April 2020	Regarding the action to be taken by the Directorates, CMOs, Principals, MS for the Covid Response Package
28 April 2020	Immunization guidelines during and post COVID Crisis
28 April 2020	Order under the COVID Regulations for CCC, DCHC & DCH
30 April 2020	Office Order regarding RT PCR Application of India
30 April 2020	Office Order regarding the updation of entries on COVID 19 GOI Portal
01 May 2020	Order regarding the surveillance of Inter-State migrants
04 May 2020	Notification of CCC, DCHC, DCH in the State of Himachal Pradesh
04 May 2020	Regarding the calls for the registration of persons after inter district movement at 104 Call Centre (24x7 Helpline)
05 May 2020	Guidelines for use of PPE kits for non covid areas for Health Care workers
05 May 2020	Guidelines for Maternal Health and Obstetric care in Himachal Pradesh during COVID 19 outbreak
05 May 2020	Circular regarding AarogyaSetu IVRS 1921

3.12 Role of HPSDMA and DDMAs

The HPSDMA and DDMAs played a playing a pivotal role in response management to COVID-19. These institutions have been responding to the COVID-19 situation in the following manner:

S.No	Response Initiated by HPSDMA/DDMAs	Measures by	Specific Actions Taken Thereof
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S.No	Response Measures Initiated by HPSDMA/DDMAs	Specific Actions Taken Thereof
1	Managing Information Flow	<ul style="list-style-type: none"> • Ensuring information/orders that are disseminated from the National Authorities are shared with the concerned authorities/departments at the State/district and sub-divisional level(s) • Collection and collation of data/reports shared from the field level/district authorities • Compilation of reports and further dissemination to State and National Authorities to enable effective decision making
2	Activation of ESFs and Development of Reporting Formats	<p>Reporting Formats have been developed at the State level; these are as follows:</p> <ul style="list-style-type: none"> • Information about Home Delivery of Goods: Vendors Authorized and People Benefitted • Labourers/Workers/Slum Dwellers in the State in need of Shelter/Ration/Food Grains • Details of Stranded Tourists • District-wise Details of Registered Cases of Persons.Arrested, Cases Registered, Vehicles Seized and Fines Imposed • Details about Functional Pharma Units • Border District Essential commodity Movement Report • Information about Movement of People kept in Buffer/Quarantine Facilities (other than health facilities) • Inter-State COVID-19 Helpline-Status Update (Stranded Himachali's in other States; Status of Delivery of Medicines, Status of Action taken on Grievances) • Report about activities started after relaxation of lockdown (w.e.f: April 20, 2020) • Reports of Centre (MHA/NDMA) being complied by SEOC: • Law and Order (Violations) report • Supply of Essential Goods • Essential Services manufacturing, distribution and e-commerce • Detail of support provided to Stranded Migrant Population and Other Needy Persons • Each of these formats are compiled by the District and State EOCs on day-to-day basis <p>(Details of All Reports as on April 27, 2020 is Attached as Annexure I)</p>
3	Setting up Helplines	<ul style="list-style-type: none"> • CM-Helpline Numbers have been initiated and are being manned 24X7 by the staff deployed the EOC • Food Helpline Numbers have been set up to sub-divisional level to assist those in need • Medicine Helpline Numbers are also operational • Emergency Helpline Numbers (1070/1077) have been operational round the clock, addressing queries and concerns of those who are stranded or in distress <p>(Details of helpline numbers attached as Annexure II)</p>
4	Deployment of additional officials/officers	<ul style="list-style-type: none"> • Additional staff has been deployed to handle the surge of operations being managed by the EOCs • Five HAS officers have been deputed, One Joint Secretary from(SAS) and 65 other staff members from various government offices have been deputed for handling and managing the operations at SEOC, round the clock in three

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S.No	Response Measures Initiated by HPSDMA/DDMAs	Specific Actions Taken Thereof
		<ul style="list-style-type: none"> shifts This has ensured smooth flow of information and data
5	Financial Aid to Various Departments/Districts (From State Disaster Response Fund/ State Disaster Mitigation Fund)	<ul style="list-style-type: none"> Financial assistance to the tune of Rs 18.70 Crore as on April 27, 2020 has been extended to the following Departments/Districts: The Dpt. of H& FW The DG of Police The Deputy Commissioner-Shimla The Deputy Commissioner-Solan The Deputy Commissioner-Una The Deputy Commissioner-Kangra <p>Details of Funds Sanctioned is at Annexure III</p>
6	Setting up of Relief Centers/ Quarantine and Isolation facilities	<ul style="list-style-type: none"> All districts have taken proactive measures to identify and setup facilities for providing relief to the stranded/migrant population Facilities for isolating/quarantining (other than Health facilities) have also been identified by each district There are a total of 233 such facilities in the State, with a bed capacity of 23,700. 1624 persons are residing in these facilities and 184 doctors have been deputed (As on April 26, 2020; 2 PM) Health care facilities and ambulances have also been earmarked by every district as a response measure for COVID-19
7	Appointment of Nodal Officers	Nodal officers at State/District and Sub-Divisional level have been appointed to ensure effective response management to COVID -19. The contact details of Nodal Officers are placed at Annexure IV
8	Liaison with Various Departments	The HPSDMA/DDMAs are maintaining a close liaison with various departments for collecting information and reporting issues being faced at the field level
9	Setting up of HP SDMA COVID-19 Disaster Response Fund	<ul style="list-style-type: none"> As decided in the 7th Meeting of the HPSDMA and the 11th Meeting of the SEC, both held on 9th April, 2020 the HP COVID-19 Solidarity Response Fund created by the General Administrative Department of GoHP; would transfer the operations of this account to HPSDMA. The account has been renamed as HP SDMA COVID-19 State Disaster Response Fund; and is being managed by the Disaster Management Cell The necessary bye-laws have been made, and all codal formalities were completed Details of Funds Sanctioned from this account to various departments and districts is attached as Annexure-V
10	Risk Cover for Officers/Officials and Workers involved in Response, Relief and Containment Measures for COVID-19	Vide letter No. REV (DMC)-C-20-2/2020-(COVID-19) dated 23 rd April, 2020; financial assistance in case of death due to COVID-19 has been assured for all those engaged in different capacities for managing response, relief and containment of COVID-19 in the State. It has been decided that a sum of Rs. 50.00 lakh (50 lakh only) shall be paid as ex-gratia out of HPSDMA COVID-19 State Disaster Response Fund.
11	Use of Social Media Platforms and ICT Tools	<ul style="list-style-type: none"> Social media platforms like Facebook, Twitter, YouTube and WhatsApp are being used by HPSDMA and DDMAs for dissemination of useful information to the community

S.No	Response Initiated HPSDMA/DDMAs	Measures by	Specific Actions Taken Thereof
			<p>{helpline numbers-food/medicines/domestic violence cases, rate list of essential items, applying for e-passes, mobilizing volunteers}</p> <ul style="list-style-type: none"> • Special Apps have been developed to facilitate home delivery of essential items • ICT Tools like KoBo Toolbox are being used for data collection and management for the following information: <ul style="list-style-type: none"> • SEOC Helpline Call Log Form • HP NGO's Database • Citizens of Himachal Pradesh Stranded in other States • Himachal Volunteers for COVID-19 Response
12	Mobilizing volunteers/PRI Members		<ul style="list-style-type: none"> • HPSDMA/DDMAs initiated the process of mobilizing volunteers for responding to the crisis of COVID-19 • Some of the districts are using volunteers for home delivery of essential goods, PRIs are working concertedly with the village community in the production of PPE such as masks/hand sanitizers

3.13 Activities conducted by the DDMAs during COVID-19 pandemic:

3.131 Exercising Legal Provisions:

- Implementation of Disaster Management Act, 2005, Epidemic Disease Act, 1897, and Himachal Pradesh Epidemic Disease (COVID-19) (Amendment) Regulations, 2020.
- Issuance of relevant office orders to enforce lockdown measures and legal provisions to ensure public safety.

3.132 Enforcement of Various Orders/Legal Provisions Issued by MHA/NDMA/ MoHFW:

a) Lockdown Implementations:

- Suspension of registry work and court operations.
- Sanitization of offices and streets before Junta Curfew.
- Imposition of Section 144 of CrPC.
- Thermal screening and data management at district borders.

b) Ensuring Supply of Essential Goods/Services:

- Database of goods carriers' drivers with health history.
- Weekly health check-ups for drivers.
- Isolated residential facilities for frequent out-of-state drivers.

c) Quarantine Measures:

- Establishment of quarantine and isolation facilities.
- Active case-finding campaign covering a substantial population.

d) Relief Camps/Shelters/Ration Supplies:

- Operation of relief camps with a strategic shutdown as per demand.
- Food helpline providing essential ration to stranded migrants and needy individuals.
- Collaboration with NGOs for cooked food distribution.

e) Cleanliness Measures:

- Sterilization of streets using fire brigade vehicles.
- Utilization of agricultural equipment for house sterilization.

f) Ensuring Social Distancing Norms:

- Patrolling and monitoring in markets.
- FIRs against curfew violators and vehicle seizures.
- Provision of protective equipment for law enforcement.
- Use of drones for monitoring.

3. Setting up Helplines/Strengthening EOCs:

- Establishment of helplines for providing essential services and information.
- Strengthening Emergency Operation Centers for effective coordination.

4. Facilitation of Essential Goods and Services:

- Home delivery of groceries, fruits, vegetables, and medicines.
- Uninterrupted supply of milk and daily use items.

5. Cleanliness Measures (Management of Hygiene and Sanitation, Disposal of Waste):

- Regular sterilization of streets and roads.
- Community involvement in maintaining hygiene using local resources.

6. Ensuring Social Distancing Norms:

- Villagers actively participating in guarding village boundaries.
 - Monitoring by sector magistrates, police, and use of drones.
-

- Adhering to social distancing norms.

7. Coordination Mechanisms:

- Formulation of village-level committees for post-May 3rd influx management.

8. Management of Resources by Health Department:

- Contingency plan for dealing with 500+ COVID-19 patients in collaboration with private hospitals.
- Ambulance fleet for patient transportation.

9. Media Management:

- Regular press conferences, press releases, and social media updates.
- Social media coordination.

10. IEC Activities and Outreach to the Community:

- Awareness generation through songs by folk artists.
- I/C material preparation and dissemination.
- Public announcements through vehicles for safety measures.

11. Screening the Flocks:

- Facilitation of shepherd flocks' movement with screening and veterinary aid.

12. Mobilization of Volunteers:

- Deployment of NCC, NSS, and NGO volunteers for law and order.

13. Dealing with the Stranded Population:

- Nodal Officer appointed for the movement of stranded migrants/tourists.
- Strategic tracking and data management of migrants.

14. The Corona Warriors:

- Acknowledgment and appreciation for the efforts of District Administration, Police Forces, Health Workers, and Sanitation Workers.

15. Nodal Officers:

- Appointment of Nodal Officers for various aspects of COVID-19 management.

16. Success Stories:

- Effective implementation of safety shields and quarantine strategies.
 - Proactive isolation decisions by individuals contributing to community safety.
-

17. Silver Lining:

- Proactive participation of the public in curfew measures and tireless efforts of essential service providers leading to successful pandemic management.

3.14 Aggregate Reports prepared by the DDMA's:-

- I. Border District Essential Commodities Movement Report
- II. Report (Covid19) Law & Order And Facilitation Of Essential, Goods & Services
- III. Details Of Support Provided To Stranded Migrant Population And Other Needy Person
- IV. Stranded Tourist Along With Their Contact Detail
- V. Labours/Workers/Slum Dwellers in district who are in need of shelter/ration/food grains
- VI. Report About Pharma Units
- VII. Information On Isolation/Quarantine Facilities
- VIII. Information About Movement Of People Kept In Buffer/Quarantine Facilities
- IX. Movement of Migrants Outside the State
- X. Detail of Person entered in Himachal Pradesh
- XI. Identifying Persons in Need and Distress and Ensuring Relief Support
- XII. Identifying Migrant labourers and their family members
- XIII. Identifying Slum dwellers and their family members
- XIV. Identifying Residents of Himachal Pradesh stranded in other States of India
- XV. Identifying Residents of Other States stranded in Himachal Pradesh
- XVI. Earmarking and Operationalizing Shelter and Ration Facilities (at district/sub- divisional level)
- XVII. Creation of Quarantine/Isolation Facilities

3.15 Mobilization of Volunteers for Various Relief Activities

The Inter Agency Groups have identified and notified by respective Disaster Management Authorities both at State Level. There are 762 registered volunteers with HPSDMA and 624 volunteers who have registered through NDMA. The services of these volunteers and NGO were utilized during the lock down and support the efforts made by the District Administration to contain the spread of COVID 19.

HPSDMA has advertised on its digital platforms for new registrations of interested agencies, voluntary organisations and volunteers.

The NDMA and NitiAayog have listed following areas where these organisations and volunteers can be used, subject to their sensitization and proper sanitization so that they are not affected during the operations.

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<p>Health Doctors, Nurses, Paramedics Donate Medical Equipments Infection prevention and control Assisting primary healthcare workers Helping elderly and those in need. Dead body management Transportation of patients Ayush Volunteers – Doctors, Nurses & Paramedic</p>	<p>Entrepreneurial Assisting in production of PPE, masks, sanitizers etc. IT based solutions. Logistics</p>
<p>Communication Public Awareness on Hygiene practices Promote social distancing measures Community level, RWA, Social Groups, Religious places awareness campaigns. Manning of help lines</p>	<p>Essential Services Assisting District Administration in quarantine, home isolation and law and order arrangements Disinfection and cleaning services Door to door information and service management</p>
<p>Community Services Social Distancing Communication Volunteers Public Communication Volunteers District Administration Volunteers Home Delivery Volunteers Relief Distribution Volunteers</p>	

V. IMPLEMENTATION OF THE FOUR STATE LEVEL SCHEMES AND LAUNCH OF NEW POLICIES

Keeping in mind the vulnerability of the State and the impending disaster risks, four schemes have been prepared by HPSDMA, which marks an unprecedented initiative towards DRR in the State. The schemes were launched by the Hon'ble Chief Minister on 13.10.18, on the eve of International Day of Disaster Risk Reduction.

A brief synopsis about the need and scope of the four schemes has been presented below:

5.1 Scheme for Creation of Task Force of Youth Volunteers for Disaster Preparedness and Response

Considering the complexities of disaster management cycle, it is particularly challenging to ensure effective measures in all phases of disasters. It requires time, capacities, and resources-especially human resources to deliver quality services related to disaster risk reduction. The objective of this Scheme is to create a cadre of youth volunteers in the State for effective DRR. About 10-20 volunteers from every *gram panchayat* of the State will be trained in Search and Rescue (SAR) and medical first aid. **The aim is to train 48,390 volunteers in the first phase.**

During the financial year 2020-21 funds to the tune of Rs. 276.00 lakh were sanctioned to all the Deputy Commissioners cum Chairman DDMAs. **A total of 4098 volunteers have been trained so far.**

5.2 Scheme for Training of Masons, Carpenters & Bar Binders on Hazard Resistant Construction

The Disaster Management Act, 2005 lays down that the State Governments and its departments shall ensure that constructions are carried out keeping in view the vulnerability of the State to various hazards, and that training and capacity building programmes are carried out for all the stakeholders. In this direction the DM Cell, HPSDMA carried out a study on "Evolving Strategy for Capacity Building of Masons, Carpenters and Bar Binders at *Panchayat* Level for Safe Construction Practices in Himachal Pradesh" in 2012. The findings of this Study are, that despite growth of construction activity in the State, driven by increasing demands of a thriving economy, availability for skilled construction workers continues to be an issue.

In view of the above, this Scheme envisages training and capacity building of masons, carpenters, and bar binders in every *gram-panchayat* of the State on safe construction practices. Initially, it has been planned to train five masons from every village. A total of 16,130 masons are expected to be trained in the first three years of implementation of this Scheme. Funds for implementing this Scheme at the grass root level were sanctioned to the Deputy Commissioners cum Chairman DDMAs. However, due to the COVID-19 restrictions Training programmes could not be organised during this year.

5.3 Scheme for Hospital Safety

Hospitals are critical infrastructures that have an especially important role in any post disaster scenario, and they must remain fully functional after a catastrophic event. For this, it is not enough that the hospital building is strong enough to withstand the effects of an earthquake, but all the critical equipment and facilities in the building must remain secure and running to operate at over 300% of its design capacity to serve the dependent community after a disaster. The physical components of a hospital or health facility are typically divided into two categories: Structural elements and non-structural elements. However, ensuring hospitals are disaster-resilient goes beyond the physical structure of the buildings. Under this scheme it has been planned to cover all the 12 districts of the State. The components of Hospital Safety will be covered up to CHC level in the next three years.

This Department has organized one Webinar on Hospital Preparedness for Emergencies. Date: 30th January, 2021 for various medical practitioners on various aspects of 'Hospital Safety'.

Apart from these, a Webinar on Management of COVID-19 Pandemic Experience and Initiatives. Dated: 16th February, 2021 was conducted for medical practitioners, DDMA coordinators and officials from other government departments like Women & Child Development, Home Guards & Civil Defense, Education and Municipal Corporation. Members of DIAGs were also trained in these events.

5.4 Scheme on Structural Safety Audit of Lifeline Buildings

The main purpose of Structural Safety Audit is to check the overall performance of the buildings. It ensures that buildings and its premises are safe and have no risks. It analyses and suggests appropriate repairs and retrofitting measures required for the buildings to perform better in its service life. Structural audit is done by an experienced and licensed consultant. Under the purview of this Scheme, the initial focus will be on government and public buildings. In the first phase 10-15 lifeline buildings will be shortlisted for structural safety assessment at State and all District HQs. To implement these Schemes, the HPSDMA has been consulting various technical organizations like IIT Mandi, NITTTR Chandigarh and CSIR-CBRI Roorkee to implement this Scheme in all the districts of the State.

VI. IMPLEMENTATION OF THE CENTRALLY SPONSORED SCHEMES AND PROGRAMMES

6.1 Implementation of the Sendai Framework for Disaster Risk Reduction

The Implementation of the Sendai Framework for Disaster Risk Reduction under the approved Scheme: "Improving Disaster Risk Governance at SDMAs/ DDMA's level" of "Other Disaster Management Programme (ODMP)" comes under the Umbrella Central Sector Scheme - Other Disaster Management Scheme (ODMS) at a cost of Rs.2010.6 Lakh. This was decided to be implemented for 36 months in all the States/UTs. As the umbrella scheme ODMS is appraised upto 31.03.2020 only, the Scheme shall be continued beyond 31.03.2020 after necessary appraisal/ approval of the umbrella scheme by Competent Authority. An amount of Rs.55.85 Lakh would be released to all the States/UTs over a period of three years in three instalments.

The Scheme provides financial support, inter alia, for hiring of one Disaster Management (DM) professional for SDMA in all States/ UTs. The DM professional will facilitate/ support the State Administration in taking measures for implementation of Sendai Framework for Disaster Risk Reduction.

The Scheme was to be implemented in States/UTs by State Disaster Management Authority (SDMA). The State/UT Government will sign a Memorandum of Understanding (MoU) with NDMA for implementation and monitoring of the Scheme. Aim of the proposed Scheme is to monitor and coordinate the implementation of Sendai Framework at State level and below and to develop a culture of prevention, mitigation and preparedness in the country.

The objectives of the Scheme are as under:

1. Support the State Governments in taking measures for implementation of Sendai
2. Framework for Disaster Risk Reduction.
3. To develop coordination mechanism with the aim of implementing Sendai
4. Framework at State and District levels.
5. To ensure implementation of Programmes and Schemes of NDMA by States/ UTs.
6. To help in capacity building and training activities carried out by NDMA.
7. To facilitate emergency management exercises and mock drills.
8. To collect information and send to NDMA on periodic basis.

Expected deliverables / outcomes of the Scheme are as follows:

1. Technical Assistance in preparation of the Hazard Risk Vulnerability Atlas for the State.
2. Alignment of State Plans and District Plans in accordance with the Sendai Framework.

3. Facilitating State/ UT Govt. Departments in preparation of their Departmental Disaster Management Plan.
4. Coordinating Mock Drills, compiling reports, compiling data during disasters, help in organization of joint workshops with States.
5. Compiling and timely furnishing of data and information to NDMA on disaster aspects, implementation of NDMA Schemes, and Sendai Framework Monitoring indicators.
6. Enhancing disaster preparedness for effective response and to "Build Back Better" in recovery, rehabilitation and reconstruction.
7. Help in setting up of the Disaster Data Base at the State and District level.
8. Collection of reports about the lessons learnt and best practices from the State and exchange/ sharing of these among the States and NDMA.
9. Assist the SDMA in identifying opportunities for mainstreaming Disaster Risk Reduction (DRR) in development programmes.
10. Any other tasks assigned by SDMA/NDMA.

This scheme is being implemented in the State since 1st June 2018.

6.2 Strengthening of Backward District (Chamba)

The National Disaster Management Authority, Ministry of Home Affairs launched the 'Scheme for Strengthening of 115 Backward districts', and district Chamba was one of the districts chosen under this Scheme. The Scheme is being implemented by the HPSDMA, and the state government has signed a Memorandum of Understanding with the NDMA for the implementation of the same. Expected deliverables/outcomes of the Scheme are as follows:

1. Alignment of district plans in accordance with the provisions of the Disaster management Act, Sendai Framework and the State Plan
2. Coordination of Mock exercise in various locations
3. Training and capacity building of various officials
4. Creating awareness on issues about disaster management
5. Compiling and timely furnishing of data and information to SDMA on disaster aspects and Sendai Framework Monitoring indicators
6. Improved coordination at sub-district levels
7. Assistance in setting up of district disaster database
8. Assist DDMA's in identifying opportunities for mainstreaming DRR in developmental programmes
9. Sustainable Reduction in Disaster Risk in Two Most Multi Hazard Prone Districts (Kinnaur and Kangra in H.P)
10. This project started in June 2016 with the aim of strengthening community and local self-government's preparedness and response in 10 most multi hazard prone districts of India. Two districts each were identified in the States namely: Assam, Bihar, Himachal Pradesh, Jammu & Kashmir, and Uttarakhand. In Himachal Pradesh, this project is being implemented in districts Kinnaur and Kangra. The said project

aims to strengthen the capabilities/capacities of the community's local self-governance in the areas of preparedness and response within these districts. The total cost of the project is Rs. 6.07 Crore, and the time for the implementation of the Project was 24 months which was later extended further by 12 months.

11.

6.3 Strengthening of Emergency Operations Centers (EOCs)

Keeping in view the importance of communication, the Disaster Management Cell procured 22 satellite Docking Units (indoor-device-Antenna) for DEOCs/Tribal areas for the strengthening the existing network. One satellite phone was also procured for Dodra-Kawar, (tribal area), as time and again the districts had reported that in the far-flung regions connectivity always remains an issue.

The State had received grant in aid, amounting to Rs 20, 00,000/- from the NDMA for Strengthening of Emergency Operation Centres. The said fund was utilized by for procurement of most essential items such 16-Mobile Phone for SEOC/DEOC, 1-Voice Logger for SEOC, 1- Smart TV for SEOC, 4-Desktops for SEOC, 1-Digital Multifunctional Machine for SEOC, 12-projectors and 12-projector screens for the DEOCs.

VII. Glimpses of Trainings and Capacity Development Programmes conducted by the District Disaster Management Authorities (DDMAs):

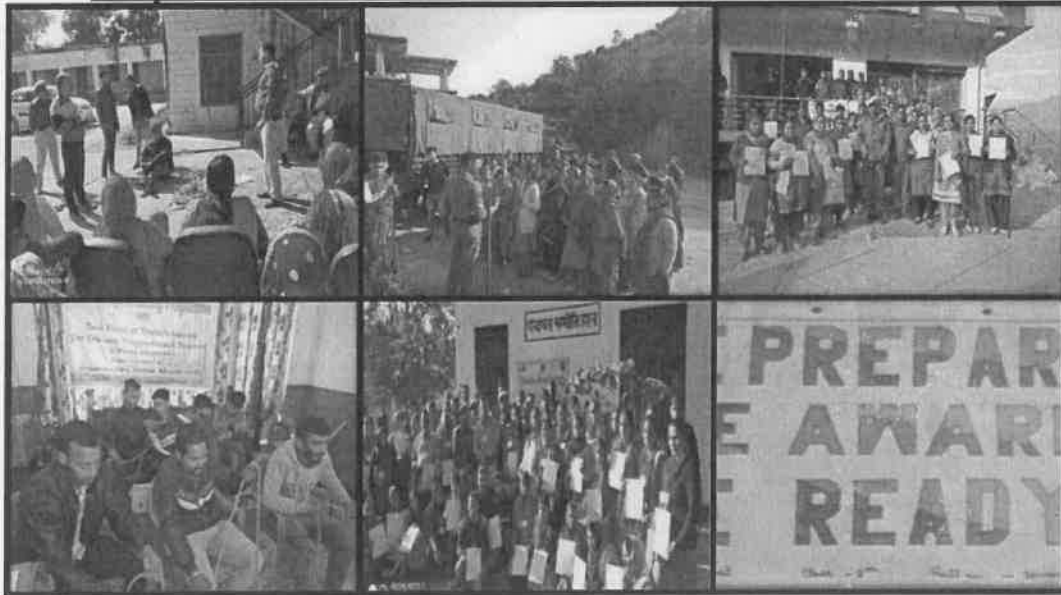
Various Trainings and Capacity Development Programmes were conducted by the districts apart from the implementation of the State level initiatives.

7.1 Bilaspur

7.1.1 Trainings and Capacity Development Programmes

In respect of DDMA Bilaspur 7 days Water Safety and Rescue Training was conducted for the local residents of the GPs to GovindSagar Lake. The training was organized between 01.03.2020 to 07.03.2020 and about 30-35 volunteers/local residents were trained.

Glimpses of activities conducted at Schools



7.1.2 Scheme for Creation of Task Force of Youth Volunteers for Disaster Preparedness & Response

About 330 volunteers were trained during 2020 in the District..

7.1.3 Engagement of Interns District Disaster Management Authorities (DDMAs)
One internee from Punjab University was allotted to DDMA Bilaspur his internship period was 01.01.2021- 30.06.2021.

7.1.4 STRENGTHENING EMERGENCY RESPONSE

Conduct of Mock Exercise



7.2 Chamba

7.2.1 Trainings and Capacity Development Programmes

Trainings imparted to the newly elected representatives (Pradhans, Up-Pradhans and Ward Members) of Panchayati Raj Institutions in Climate Change, search & rescue, and also aware them about their roles & responsibilities in terms of Disaster Risk Reduction (DRR).



7.2.2 First Responder Training Programmes

First-Aid, Fire Safety and Search & Rescue training imparted to Police, Fire and Home Guard Personals from 2nd to 4th November, 2020



7.2.3 Disaster Management Plan

District Disaster Management Plan (DDMP) Chamba was updated in 2020 with updated Telephone Directory

7.2.4 Scheme for Creation of Task Force of Youth Volunteers for Disaster Preparedness & Response

Near about 450 volunteers were trained in 10 batches during 2020 (February, March) from Chamba Block of Chamba District. After this due to restrictions over gatherings due to COVID-19 guidelines these trainings were not conducted.

7.2.5 Engagement of Interns at District Disaster Management Authorities (DDMAs)

- Two internee from Punjab University having name Sahil Rana and Ashwani Kumar was allotted to DDMA Chamba for the internship of 1 month respectively:-

7.2.6 Strengthening of Aspirational District (Chamba)

1. Conducted GPS Survey of Black Spots from Tanuhati to Chamba town and also shared the data with NH Authority.

2. Prepared following Digital Maps of District Chamba: a) Relief Map, b) Slope Map, c) Soil Map, d) Landuse Map.

3. List of Community Centres of the district has been collected so that we can use them in case of any disaster as Relief Camps.

4. Marking the boundaries of 45 panchayats of Chamba block of district Chamba on Google Earth and converted into KML file and further digitized them in GIS platform.

5. Prepared digital map of Chamba block and submitted to the BDO Chamba for further necessary action.

6. Marking the boundaries of 47 panchayats of Mehla block of district Chamba on Google Earth and converted into KML file.

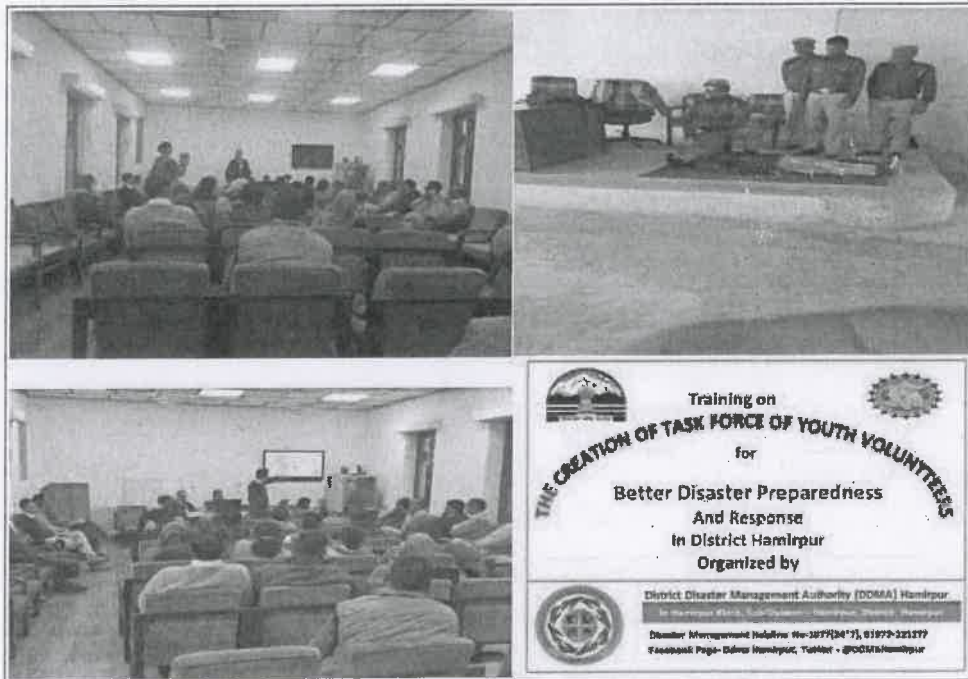
7. Mapping of wet lands of the District and prepared a map showing vulnerable habitations/locations prone to Glacial Lake outburst Flood (GLOF). Also shared the same with stakeholder departments.

8. Assisted the Idea Forge Pvt. Ltd. to implement the pilot project under Tech Emerge (surveillance through Drone) financed by Asian Disaster preparedness Center (ADPC).

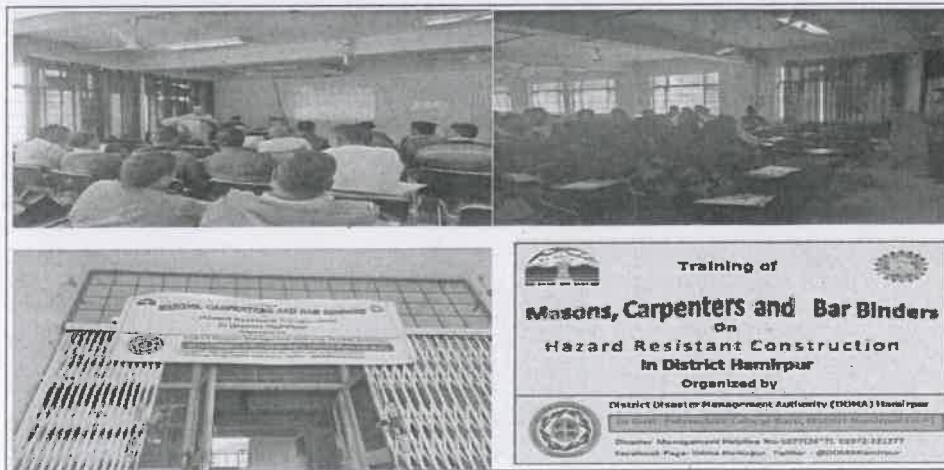
7.3 Hamirpur

7.3.1 Trainings and Capacity Development Programs during 2020-21:

- Scheme for Creation of Task Force of Youth Volunteers for Disaster Preparedness & Response As-In FY 2020-21, there was COVID-19 restrictions on social gatherings, as all are aware and as per the guidelines of State Govt. whole year no activity performed except COVID-19 works, but In the First quarter of the 2020 the DDMA, Hamirpur organized 13 batches of Volunteer Trainings and around 400-430 youth volunteers were trained during the period. After the lockdown was imposed in the month of March, 2020 all these trainings were postponed and efforts of DDMA was completely diverted for the management of COVID-19. Some Glimpses of the trainings are as under:-



- The Implementation of the Scheme for Training of Masons, Carpenters and Bar Binders on Hazard Resistant Construction Similarly only four batches of Masons were organized in the month of January and February, 2020 for training of around 100 masons. Thereafter trainings were postponed due to lockdown. Some Glimpses of trainings of Masons are as under:



- Scheme for Hospital Safety The DDMA, Hamirpur in coordination with the HPSDMA and CSIR-CBRI Roorkee for identifying hospital & School buildings for retrofitting and further to conduct field inspection of all selected buildings in District Hamirpur. Under the said project CHC buildings & School buildings were selected for retrofitting.

- Engagement of Interns District Disaster Management Authorities (DDMAs) One Intern, Ms. Dixa Thakur was selected and deputed in DDMA, Hamirpur by HPSDMA November, 2020-April, 21 whose services were utilized in COVID-19 management.
- and CSIRCBRI Roorkee for identifying hospital buildings for retrofitting and further to conduct field inspection of all selected buildings in District Kangra. Under the said project CHC buildings were selected for retrofitting.
- Engagement of Interns District Disaster Management Authorities (DDMAs) One Intern was selected and deputed in DDMA, Kangra by HPSDMA 2020-21 whose services were utilized mostly in COVID19 management → Strengthening emergency response

7.4 Kangra

7.4.1 Trainings and Capacity Development Programs

- 35 day Master Trainer Training for 10 Master Trainers from NDRF-7Th Bn. Nurpur (Now NDRF -14TH Bn). After the said training all Training and Capacity Building programs were postponed due to COVID-19.
- Scheme for Creation of Task Force of Youth Volunteers for Disaster Preparedness & Response In the First quarter of the 2020 the DDMA, Kangra organized 20 batches of Volunteer Trainings and total 600 youth volunteers were trained during the period. After the lockdown was imposed in the month of March, 2020 all these trainings were postponed and efforts of DDMA was completely diverted for the management of COVID-19. Some Glimpses of the trainings are as under:-
- The Implementation of the Scheme for Training of Masons, Carpenters and Bar Binders on Hazard Resistant Construction Four batches of Masons were organized in the month of January and February, 2020 for training of 100 masons. Thereafter trainings were postponed due to lockdown.
- Scheme for Hospital Safety The DDMA, Kangra extend its support to the HPSDMA

FINANCIALS AND BUDGET

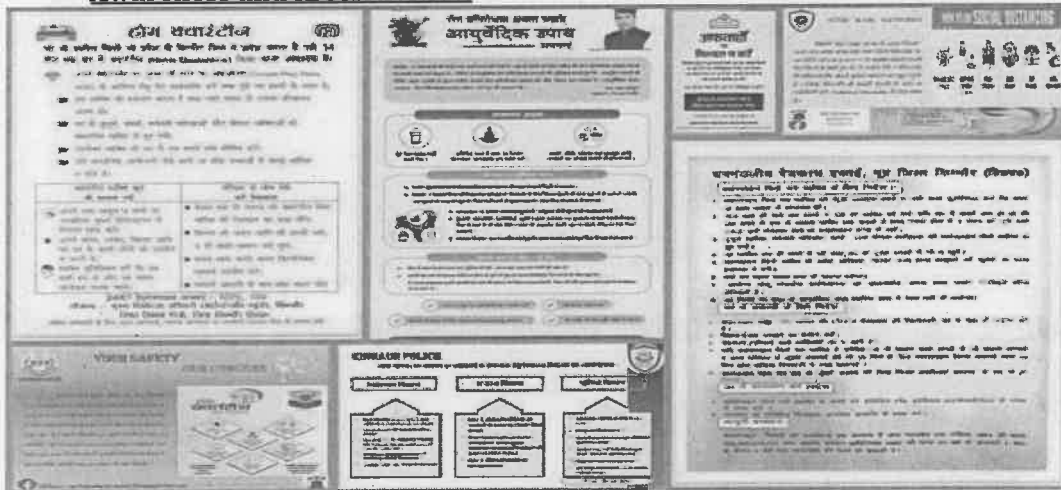
7.5 Kinnaur

6.5.1 Trainings and Capacity Development Programs during 2020-21:-

- Avalanche safety and Rescue at HQ SASE, Manali, District Kullu in the month of February,2020. 10 volunteers from Police, Home guard and local volunteers were trained in Avalanche safety and Rescue at HQ SASE, Manali, District Kullu.
 - Online training on Incident Response System Training on Chemical (industrial) Disasters was conducted on 12-10-2020 by NDMA in which all the line departments of District Kinnaur participated.
-

- Mock drill on earthquake was conducted in coordination with NDRF,ITBP, Police, Home guard, Fire and all other line departments in the month of November, 2020.
- Online training of Engineers (AEs and JEs) was conducted for supporting the implementation of Scheme for Structural Safety Audit of Life Line Buildings, Nov 2020 in coordination with CBRI Roorkee.
- Training of QRT members appointed for Search and Rescue during Winter season was conducted by medical department in the month of January,2021.
- Commemoration of 150th birth anniversary of Mahatma Gandhi Ji:-
 - a) Direction were issued to Police department at ReckongPeo, Bhabanagar and Pooh to check over speeding, Seat belts, proper wearing of masks, helmet etc. without penalty, instead making people aware about the road safety through Gandhi's Ideology.
 - b) Distribution of pamphlets to the general public regarding road safety and distribution of masks to those not wearing the masks.

Awareness and IEC Activities.



Awareness through mobile vehicles:

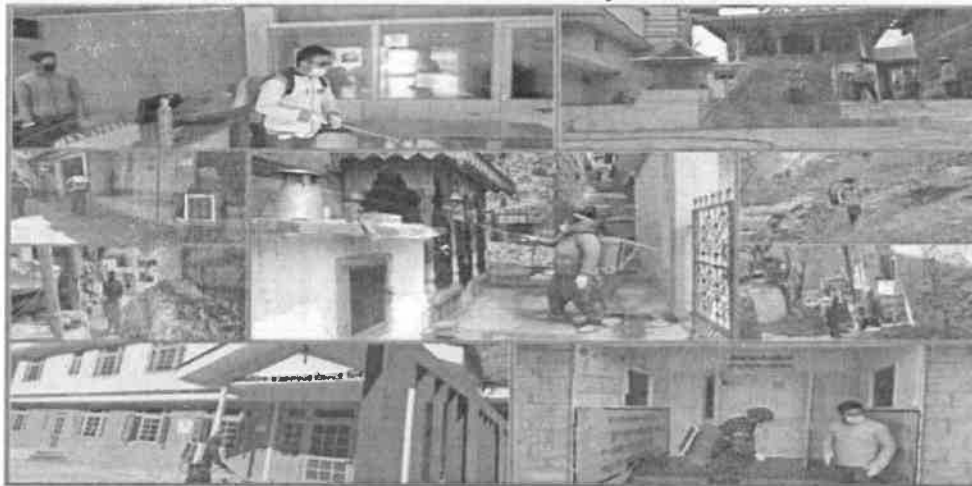


Establishment of Dedicated COVID-19 Helpline numbers 24x7 at DEOC



6.5.2 COVID-19 Activities

Distribution of masks and sanitizers at Panchayat level.



Ration Distribution to stranded persons through Relief camps and shelter homes



7.6 District Kullu.

7.6.1 Trainings and Capacity Development Programmes

- **Title: Awareness & Capacity Development Program on Modelling & Forecasting of High Impact Weather Events in Beas Basin**



- **Title: Meeting on GLOF Preparedness in District Kullu - Collaboration for Risk Mitigation**



- **Title: Three-Day Avalanche Safety and Rescue Training Programme at DGRE RDC, Manali**



- **Awareness & Capacity Development Program on Modelling & Forecasting of High Impact Weather Events In association with GBPNIHE, Himachal Regional Centre, Mohal DDMA Kullu**



- **Title: Seminar on Road Safety - Collaborative Initiative with RTO Office Kullu**



- **Remembering Kangra Earthquake of 4th April 1905**



7.6.2 SAMARTH

Celebration of SAMARTH - 2020 on the occasion of "International Day for Disaster Risk Reduction (IDRR) on 13th October, 2020"

Mainly activities/approaches to highlight how good governance, planning and implementation leads to reduced numbers of people affected by disasters especially in terms of death, injury, displacement and loss of livelihood.

Activities at District Level:

- Online Workshop on School Safety Programme**
 - > To get Working Committee
 - > Quiz on Disaster
 - > Poster making Competition
 - > Essay Writing Competition
- Strengthening of District Level Agency Group Network (DO - 200 Coordination)**
 - > Online Awareness program on Disaster Risk Reduction (DRR)
 - > Resource Persons & Two Members of District Level Agency Group (DLAG)
- Online Awareness Program on Disaster Risk Reduction (DRR)**
 - > Resource Persons: Mr. Navin Yadav, Assistant Director, DRRS and Resource Person, HPCMA, Shimla. (Time: 10:30 AM - 11:30 AM)
- Participation: KULU of all the Departments in District Kullu**
 - > Online workshop on Disaster Risk Reduction (DRR) for Heritage Sites
 - > Observation of our Heritage and Earthquake Resilient Construction in Western Himalayas. (Time: 12:10 PM to 01:10 PM)
 - > Resource Persons: Dr. Rajul Bhasin, Director, (KULU, HPCU, North Institute for In-charge District - Kullu, Mohanpur)
 - > Nehru Yuv Kendra, Sangrampur, District Kullu
 - > National Service Scheme (NSS), District Kullu
 - > Youth & Student Guide Group, District Kullu

Toll Free No. 1077

- **First Responder Training Programmes: COVID-19 Emergency Situation Training for Home Guards & Civil Defence Jawans**



7.6.3 Engagement of Interns with District Disaster Management Authorities.
In the fiscal year 2020-2021, DDMA Kullu hosted three dedicated interns, whose valuable contributions significantly impacted the agency's operations during the critical period of the COVID-19 pandemic.

7.7 Lahaul & Spiti

7.7.1 Trainings and Capacity Development Programmes

Due to Covid-19 Pandemic during the short-lived summer in the district and then, proceeded by extreme winters in the district, training programs were limited to online trainings, meetings and few workshops for capacity building in the district.

7.7.2 Covid-19 awareness Play: -

On the eve of SAMARTH Celebrations, a play on awareness on COVID-19 Pandemic was prepared enacted and video documented by DDMA L&S. It was shared on social media platforms such a Facebook and YouTube. It got 15000 views on Facebook till date. Some of screenshots of the videos are illustrated below.



7.7.3 Workshops & Webinars

- Workshop for the constitution of District Inter Agency group (DAIG) in the District on 30th June, 2020.
- First Responder Training Programmes
- Strategies for Capacity Development and Disaster Awareness
- First meeting of District Level Counselling Center/Help Desk for the Migrant Labourers, District Lahaul and Spiti.
- IRS Training and Tabletop Exercise for Flash Flood under the Chairman ship of Lt. Gen. Syed Ata Hasnain (Retd), Member NDMA, GOI on 5th August 2020.
- Online training to the District Level Officer of line departments on IRS (Incident Response System) and TTEX on CHEMICAL (Industrial Disaster).
- The training Programme for police staff for the management of emergencies during the harsh cold climatic conditions and in high altitude areas of district Lahaul & Spiti.
- 2nd Batch of Training on Avalanche Safety and Rescue at DGRE Manali.
- Sensitization Programmes for Enhancing Institutional and Community Resilience.

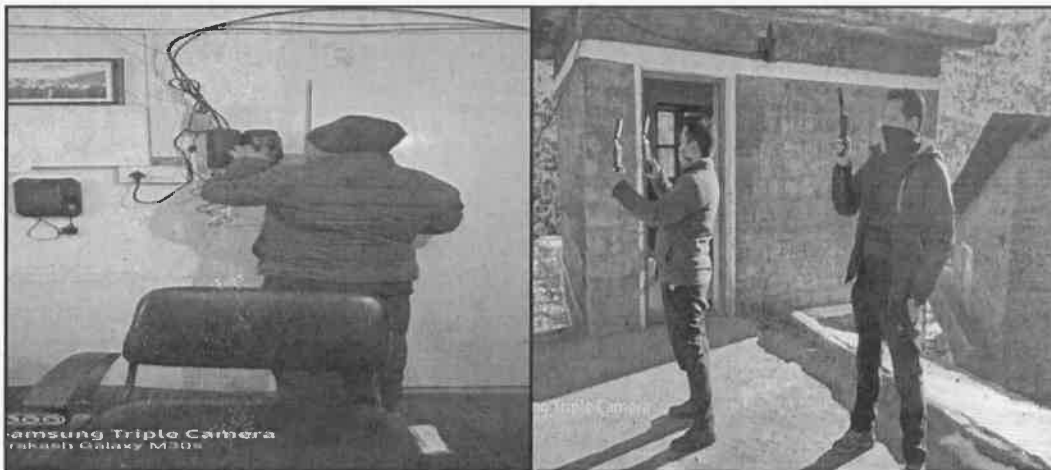
7.7.4 Disaster Management Plans

Updating of District Disaster Management Plan (DDMP) for Year 2021.

7.7.5 Communication Mock Drills

Himachal Pradesh State Disaster Management Authority (HPSDMA) organized a Communication mock drill with DDMA Lahaul and Spiti to test: -

- (i) Communication System and interoperability thereof.
- (ii) Effective Response to situation.
- (iii) Inter-agency coordination.



7.8 Mandi

7.8.1 Workshops

Keeping in the view the Covid-19 Pandemic, most of the activities during year 2020 were conducted/ organized through "Online Mode".

- Online training on IRS (Incident Response System) was conducted an to the District Level Officer of line departments on through video conference as on 12-10-2020 at VC Room, DC Office Mandi.
- Training and Sensitization of Truck and Taxi drivers:

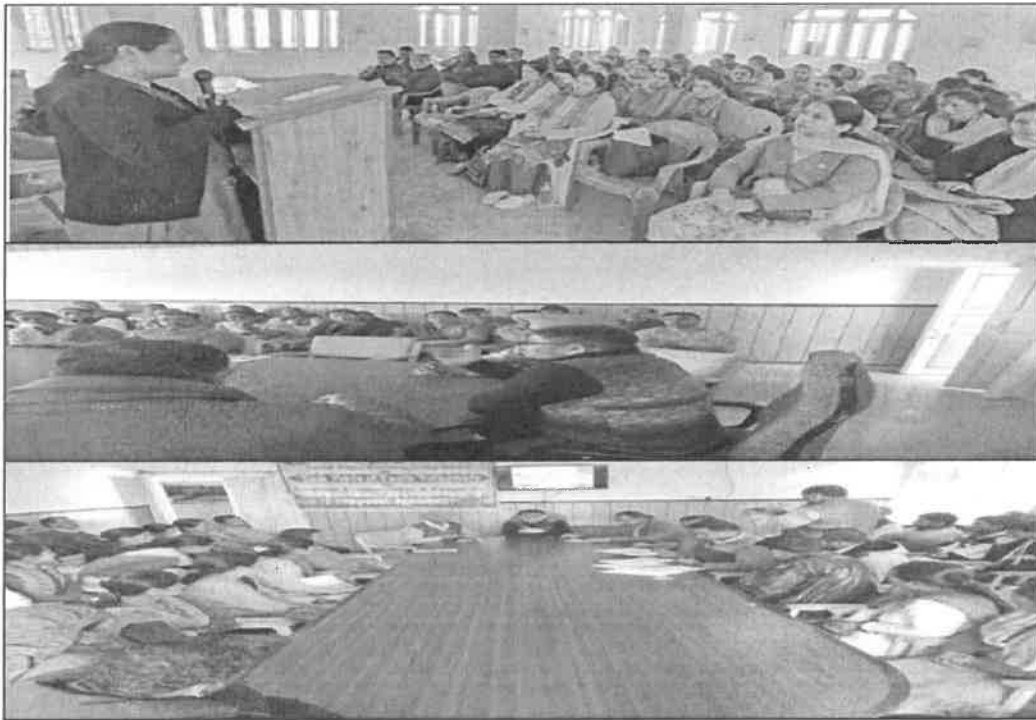
7.8.2 Enhancing Institutional and Community Resilience

- Constitution of Village Disaster Management Committees (VDMCs) in all sub-divisions of the Mandi district to enhance community resilience by ensuring that there are organized structures in place to manage potential disasters effectively.

7.8.3 Scheme for Creation of Task Force of Youth Volunteers for Disaster Preparedness & Response

275 volunteers were trained in 5 batches during 2020 from Balh, Karsog, Dharampur and Padhar Subdivisions of Mandi District.





7.9 Solan

7.9.1 Training/ Meetings

- Coordination Meeting for mitigation projects on 23.03-2021
- Common Alert Protocol Training (SACHET) online training on 06-02-2021
- Hill Area Environment and Development with focus on Earthquake, Landslide and Flash flood online training on 21 to 23 -10-2020.
- IRS Training on Chemical (Industrial) 12-10-2020 and on dated 15-10-2020 at NIC Room Solan
- Monsoon Preparedness Virtual Meeting on 10-06-2020
- DIAG Meeting via online mode on 29-09-2020
- Winter Preparedness Meeting on 25-11-2020
- DIAG review meeting on 21-12-2020
- Besides these meetings and training, HPSDMA has organized various meeting to impart the directions on various points as well as COVID 19 management and online trainings were also imparted. Further, time to meeting has also been done by the District Administration with all the stakeholder departments.

Sr. No.	Training/ Meetings
1	Coordination Meeting for mitigation projects on 23.03-2021
2	Common Alert Protocol Training (SACHET) online training on 06-02-2021
3	Hill Area Environment and Development with focus on Earthquake, Landslide and Flash flood online training on 21 to 23 -10-2020.
4	IRS Training on Chemical (Industrial) 12-10-2020 and on dated 15-10-2020 at NIC Room Solan
5	Monsoon Preparedness Virtual Meeting on 10-06-2020
6	DIAG Meeting via online mode on 29-09-2020
7	Winter Preparedness Meeting on 25-11-2020
8	DIAG review meeting on 21-12-2020
9	Besides these meetings and training, HPSDMA has organized various meeting to impart the directions on various points as well as COVID 19 management and online trainings were also imparted. Further, time to meeting has also been done by the District Administration with all the stakeholder departments.

7.9.2 Glimpses of activities conducted at Schools



- District Disaster Management Plan was updated in 2020.

7.9.3 Scheme for Creation of Task Force of Youth Volunteers for Disaster Preparedness & Response

About 254 volunteers were trained during 2020 of Sub-Division Kandaghat, District Solan. After this due to restrictions over large gatherings due to COVID-19 these trainings were not conducted.

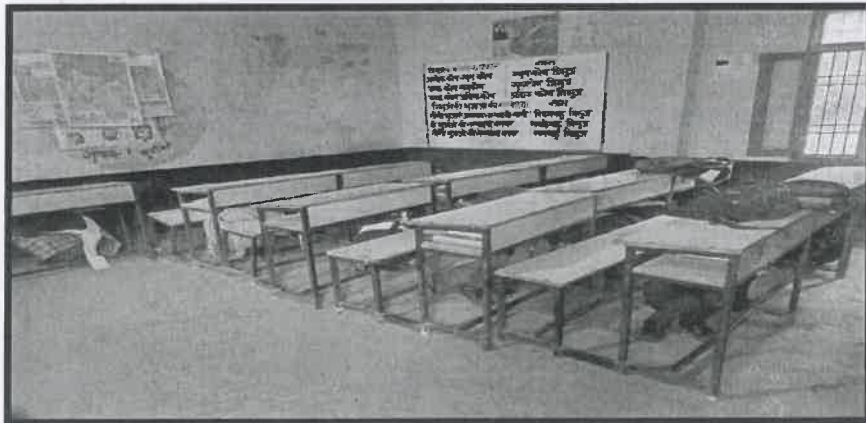
7.9.4 STRENGTHENING EMERGENCY RESPONSE



7.10 Shimla

7.10.1 Trainings and Capacity Development Programmes:

- Education widening digital divide: Issue and Concerns of Children held on **06th January 2021**, organized by Child Centric Disaster Risk Reduction Centre, National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India.
- Suicide Prevention: Addressing deep rooted mental health challenges dated 13th January 2021, organized by Child Centric Disaster Risk Reduction Centre, National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India.
- Disaster Risk Reduction and Child Protection dated 18th January 2021, organized by Child Centric Disaster Risk Reduction Centre, National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India.
- Empowering communities: Disaster Risk reduction at Local Level dated 28th January 2021, jointly organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India and Himachal Pradesh State Disaster Management Authority.
- Online training on "Incident Response System"- cum "Table Top Exercise" on GLOF in coordination with Police, MC Shimla and Home Guard and Civil Defence on 19/10/2021.



Photograph: Students practicing DROP, COVER, HOLD

7.10.2 Scheme for Creation of Task Force of Youth Volunteers for Disaster Preparedness & Response:-

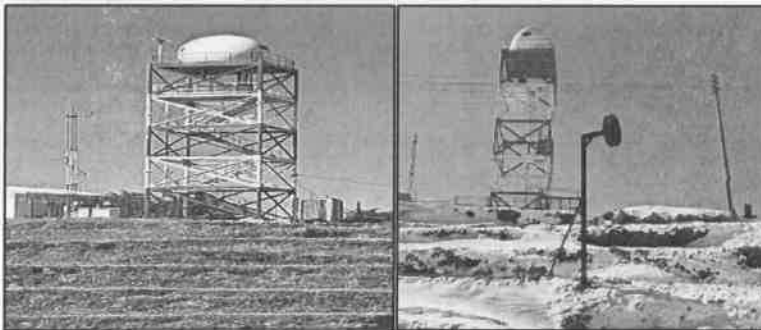


Photographs : Youth volunteer training programme at Sub Division Chopal

7.10.3 Strategies for Capacity Development and Disaster Awareness :

- **Doppler Weather Radar :-**

The first “Doppler Weather Radar” (DWR) was installed at Kufri, District Shimla in coordination with Indian Meteorological Department (IMD). The objective of DWR is to provide area-specific weather forecasts and warning for a particular place. The range of this radar is 100 KM (radial distance) and it will observe and provide the weather data 100 KM in all directions which will be used for forecasting purposes, especially for the short range forecast (nowcasting) which is crucial for managing disasters or any emergencies.



Photograph : “Doppler Weather Radar” at Kufri, District Shimla

- **State Disaster Response Force (SDRF):**DDMA Shimla coordinated the work related with the establishment of State Disaster Response Force. Hence , SDRF in District Shimla was constituted in the year 2020 with 25 police personals..

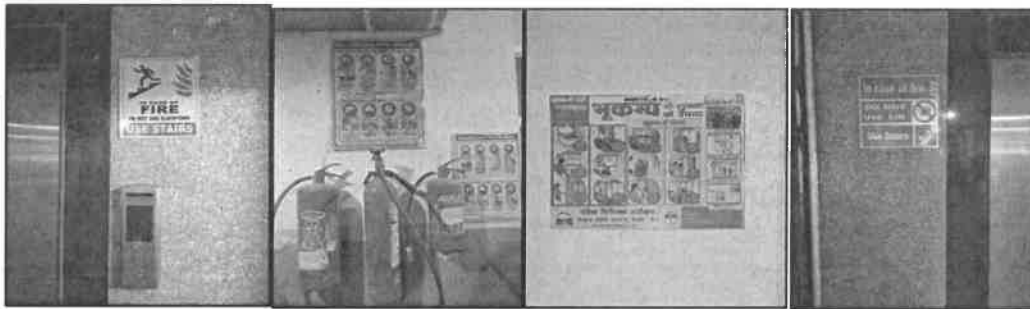


Photograph : Office premises of State Disaster Response Force

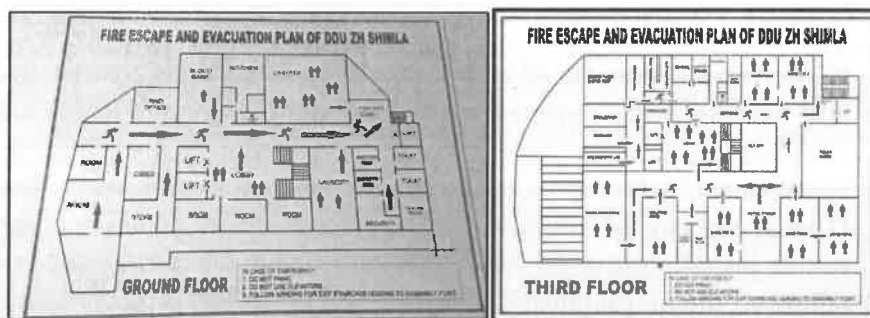
- **Helipads:** As per the directions of Himachal Pradesh State Disaster Management Authority (HPSDMA), District Disaster Management Authority (DDMA Shimla) coordinated with all the Sub-Divisional Officers (Civil) of District Shimla for Survey and identification of new helipads and location/coordinates in GIS platform of existing helipads in Shimla.
- **H5N1 Avian Influenza:** After bird flu outbreak in Kangra District, the bird flu cases were reported in Sub-Division Theog , District Shimla also. Looking into the seriousness of the situation District Disaster Management Authority (DDMA Shimla) in coordination with SDM (Theog) has put the area under surveillance as the samples sent for testing tested positive for Avian Flu, issued advisory to the public to follow all the precautionary measures laid down by the government against Avian Influenza outbreak and also to maintain cleanliness and hygiene, to maintain strict vigil and active surveillance on the situation to ensure any unusual mortality amongst birds and to take necessary measures to prevent further spread of virus
- **GO-NGO Coordination and Inter-Agency Group:** The regular GO-NGO coordination meetings were held between DDMA and Inter-Agency Group.
- **Water scarcity, Heat and Drought conditions:** District Disaster Management shared Dos Don'ts with public through social media platform, SDMs and DPRO Shimla.
- **National Disaster Response Force :** DDMA Shimla depute a team of National Disaster response Force (NDRF) during South-West Monsoon and winter season for quick response.

7.10.4 Disaster Management Plans

- Updated District Disaster Management Plan
- Disaster Management Plan of Municipal Corporation, Shimla.
- Disaster Management Plan Indira Gandhi Medical College.
- Disaster Management Plan of DDU, Shimla.



Photographs: Fire Safety Measures at IGMC and DDU



Photograph : Floor maps of DDU, Shimla

7.10.5 Mock Drills :

- Demonstration-cum-Mock drill at NJHPS Project.
- Mock drill at Indian Institute of Advance Study in coordination with National Disaster Response Force.



Photograph: Mock Drill at Indian Institute Advanced Study Shimla.

7.11 Sirmaur

7.11.1 Trainings and Capacity Development Programmes

In respect of DDMA Sirmaur 3 days Training at BDO office, Rajgarh was conducted for the local residents of the GPs, Youth, and college students for disaster risk reduction. The training was organized between March, 2020 year. Wherein about 90-95 volunteers/local residents were trained.

7.11.2 School Safety Project (SSP)-Safe Schools in Emergencies and Disasters: -

School safety programme for the entire schools in district Sirmaur and mock drills were conducted in the year 2019-20 (covering 1669 schools of all the categories were sensitized and about 18,000 school students and teaching staff also took this training programme actively in the district).

7.11.3 Disaster Management Plans:

The District Disaster Management Plan of the District was updated in the Year-2021. All the Departments and Schools were also directed to update and send their Disaster Plans respectively by the year end.

7.11.4 IEC Activities:

About two lacs IEC pamphlets distributed in each house through AWWs and ASHA workers and to distribute medicines for home isolated patients.

7.11.5 Scheme for Creation of Task Force of Youth Volunteers for Disaster Preparedness & Response: -

About 124 volunteers were trained during 2019-20 from Nahan and Rajgarh Sub divisions of Sirmaur district. After this due to restrictions over large gatherings due to COVID-19 these trainings were not conducted and resumed till further orders.

7.12 Una

7.12.1 Glimpses of activities conducted

- **Special Gram Sabha Meeting:**



7.12.2 Workshops

1. **Online training on IRS (Incident Response System)**



2. **A Table Top Exercise on chemical (Industrial) Disaster**



3. **First Responder Training Programmes** on Road Safety & First Aid at various Truck Union Operators in District Una.

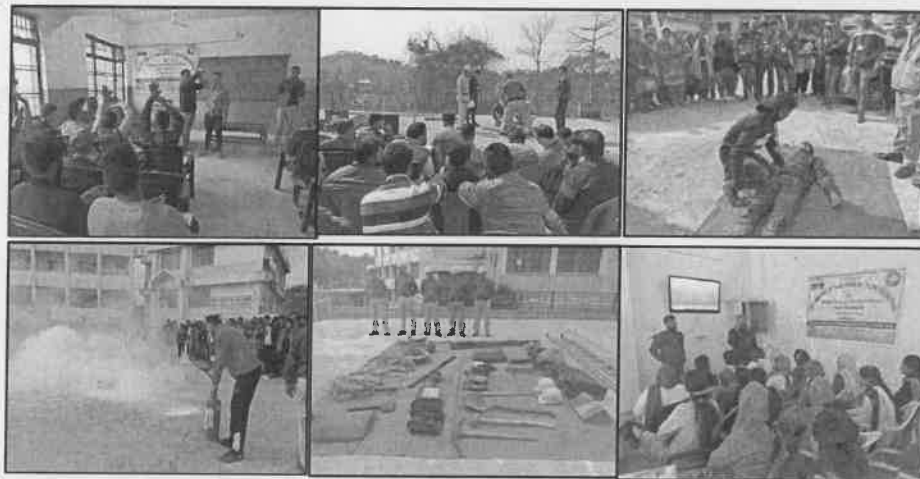


7.12.3 Strategies for Capacity Development and Disaster Awareness

1. The Chairman DDMA Una issuing an order during fire/ summer season i.e April to July month under section 3(1) of the Himachal Pradesh Village and Small Town Patrol Act, 1964, regarding order that all able-bodied adult male inhabitants of all the villages in Una District shall co-operate with Forest Department on call for fighting the fire in forest area, for the safety of public properties/ amenities.
2. DDMA Una provided 03 vehicles for all three forest ranges for 02 months to the Forest Department for plying of officials during the fire/summer season as when required by the Forest Department for the awareness and quick response to keep vigil on protection of forest from fire, monitoring of fire incidents in the district. The expenditure will be borne by DDMA Una under the Capacity Building & Awareness Generation budget head.

7.12.4 Scheme for Creation of Task Force of Youth Volunteers for Disaster Preparedness & Response

About 335 volunteers were trained in 7 batches during 2020 from Una District. After this due to restrictions over gatherings due to COVID-19 guidelines these trainings were not conducted.



7.12.5 Engagement of Interns District Disaster Management Authorities (DDMA)

One internee allotted to DDMA Una from Punjab University Mr. Abhishek Singh Manhas and he has successfully completed one month internship at DDMA Una from 15.03.2021 to 16.04.2021.

7.12.6 STRENGTHENING EMERGENCY RESPONSE

• **Conduct of Mock Exercise**



'डी.सी. ने टर्मिनल का निरीक्षण कर जांची कार्यप्रणाली'

आईओसी, ऊना टर्मिनल में मौक़ ड्रिल 29 दिसंबर को : डी.सी.

ऊना, 14 दिसंबर (संवाद): डी.सी. ऊना रामचंद्र शर्मा ने सोमवार को प्रतिदिन अगिल करीरसन (आई.ओ.सी.) का निरीक्षण किया। इस अवसर पर एम.ओ.एम. ऊना डी.सी. सुरक्षा प्रशासन तथा आई.ओ.सी. कंपनी के अन्य अधिकारी उपस्थित तथा उपस्थित रहे। डी.सी. ऊना ने लगभग एक घंटे तक ऊना टर्मिनल में प्रारंभिक भ्रमण, जांचियों में तलाश के स्थानों, तेल के संचयन के

जांच के लिए अनई गई तेल, आवात स्थिति के लिए किए गए प्रबंधों तथा अन्य सुविधाओं को जांचकरो शामिल की। उन्होंने कहा कि ऊना में ऊना टर्मिनल डेट में भारी आधुनिक तकनीक से लैस है जहाँ से प्रतिदिन औसतन 150 लाख लिटर तेल की सप्लाई का कार्य करते हैं। यहाँ से पूरे विमानतल प्रदेश तथा जम्मू व कश्मीर के कुछ क्षेत्रों में तेल की सप्लाई होती है।

डी.सी. ने कहा कि ऊना टर्मिनल में मौक़ ड्रिल का आयोजन 29 दिसंबर को होगा। उन्होंने कहा कि मौक़ ड्रिल में पुलिस, अग्निशमन, गृहसुरक्षा, आपदा प्रबंधन तथा अन्य संबंधित विभागों व हति

भागों के साथ-साथ आई.ओ.सी. के कार्यकारी सुनिश्चित हंगे जिसका उद्देश्य ऊना पर आयात स्थिति में किए गए सुविधाओं को जांचना है।

ऊना टर्मिनल के इंचार्ज एम.ओ.एम. शर्मा ने डी.सी. रामचंद्र शर्मा को कार्यप्रणाली को जांचकरो दो तथा कहा कि कंपनी पूरी पारदर्शिता के साथ कार्य करेगी है।

इसकी भी आस्थावादी श्री.पी.एम. सिद्धम से कंपनी के सचिवों के साथ मिलकर कार्य को पूरे है तथा इसमें सहायता रखल गरीं हंगे। इस अवसर के लिए कंपनी की ओर से एस.ओ.पी. तैयार की गई है तथा सभी उरी के सुनिश्चित कार्य करते हैं।

ऊना - आई.ओ.सी. ऊना टर्मिनल का निरीक्षण करते डी.सी. ऊना रामचंद्र शर्मा।

पंजाब केसरी Tue, 15 December 2020
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7.12.7 Activities during COVID 19

ऊना जिला में पीजीआई चंडीगढ़ की टेलीमैडिसन सुविधा के लिए फोन नंबर 7876491951 पर पंजीकरण कराएं

कोरोना की निगरानी एवं उपचारों में समन्वयी कार्य करने के लिए, हमें सहायता दें

ऊना जिला में सुनिश्चित कर लें, सुविधाओं के लिए साथ दिए गए नंबरों पर संपर्क करें

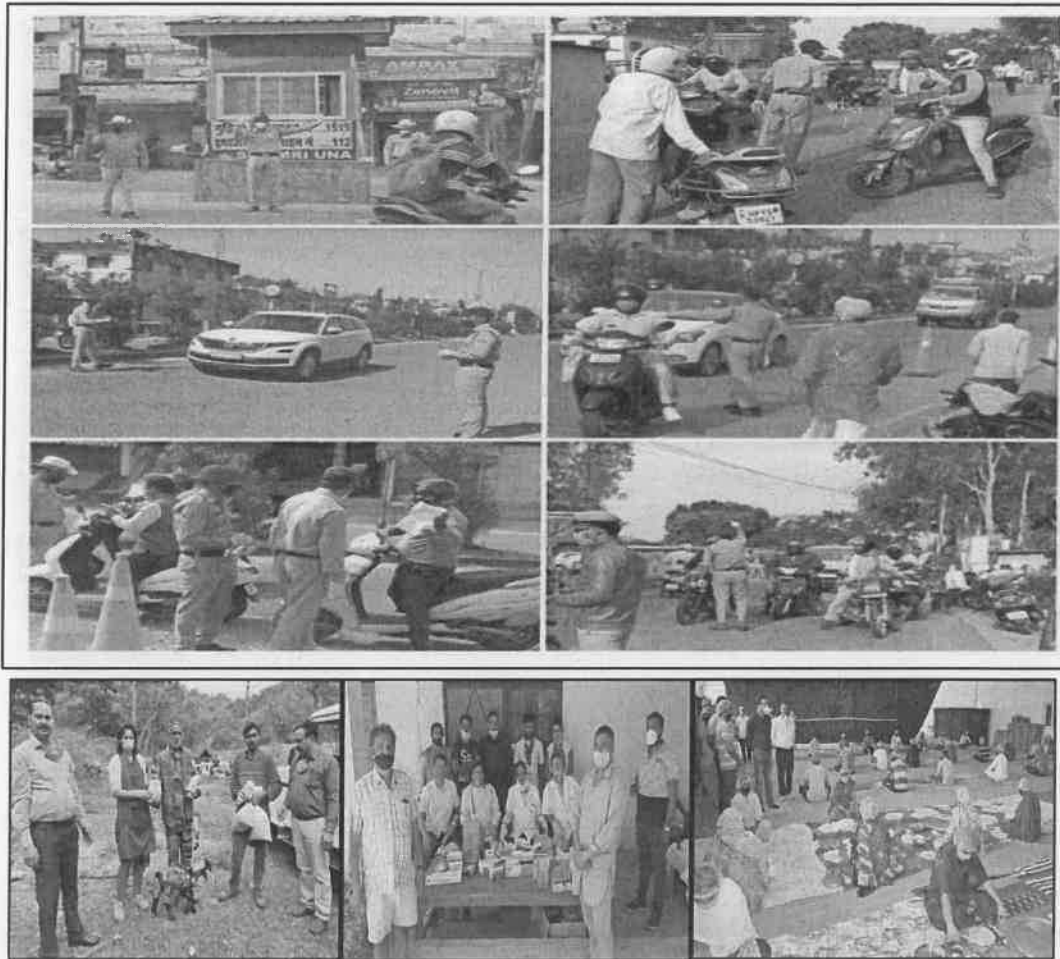
राशन व दवा के लिए
01975-226040, 9882528521, 7018067907

हाथरिसिस या इन्डियाबैंकसेपी
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एन 8 फोन पर सुनिश्चित सुविधा

स्वास्थ्य विभाग ऊना हेल्पलाइन नंबर
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पशु चारा व फीड
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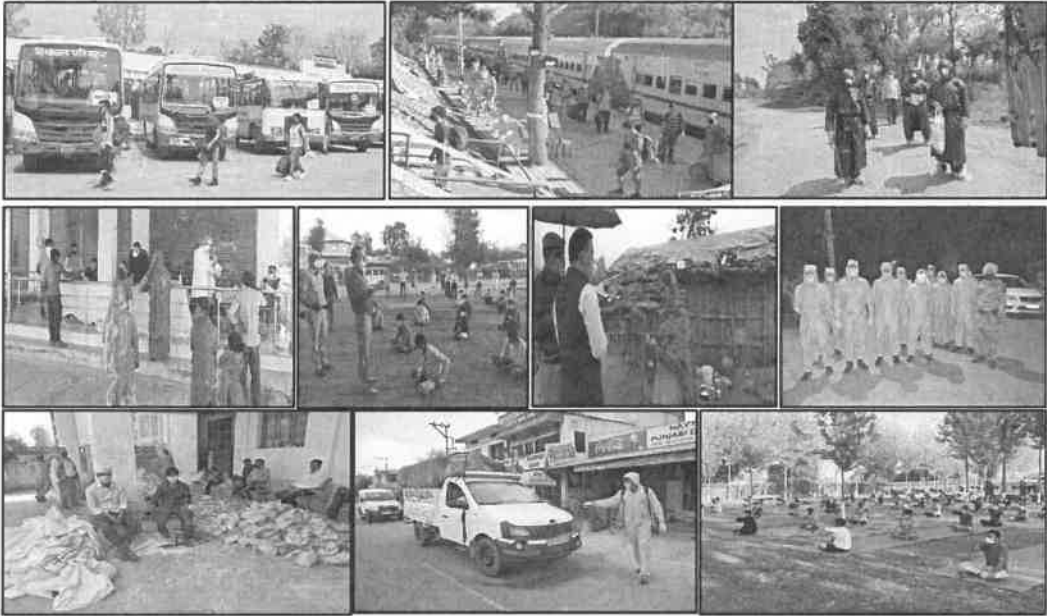


7.12.8 IEC Activities and outreach to the community



7.12.9 Public Transport (Bus/Rail)/ camps, quarantine centre, border management, testing of quarantine facilities, social distancing/disinfection.







VIII. Financial Report FY 2022 – 23

The Disaster Management Act, 2005 (hereinafter called as DM Act, 2005) defines mitigation as 'measures aimed at reducing the risk, impact or effects of a disaster or threatening disaster situation'.

The State Disaster Mitigation Fund (SDMF) is constituted under the section 48 (1) (a) of the DM Act, 2005. This fund is exclusively for the purpose of mitigation projects in respect of disasters covered under the State Disaster Response Fund (SDRF)/ National Disaster Response Fund (NDRF) Guidelines and the State specific local disasters notified by the State Governments. The Mitigation Fund shall be used for those local level and community-based interventions, which reduce the risks and promote environment-friendly settlements and livelihood practices. Large- scale mitigation interventions such as construction of coastal walls, flood embankments, support for drought resilience etc. shall be pursued through the regular development schemes and not from the mitigation fund.

Mitigation measures can be structural and non- structural.

- **Structural measures:** Structural mitigation measures include any physical construction to reduce or avoid possible impacts of hazards, or the application of engineering techniques or technology to achieve hazard resistance and resilience in structures or systems. These measures attempt to strengthen buildings to better endure future disasters like cyclones and earthquakes.
- **Non-Structural measures:** It does not involve physical construction but use knowledge, practices, policies, laws/Regulations, public awareness-raising, training and education etc. e.g. Building codes and Laws, location specific planning/strategies, forest management/restoration of mangroves, awareness campaigns etc.

These guidelines are issued under Section 62 of the DM Act, 2005 and shall be called 'State Disaster Mitigation Fund' (SDMF) guidelines and will be operative from the financial year 2021-22 to 2025-26, and will continue till further orders.

For the year 2020-21 Funds Amounting to Rs. 454 Crores (Including State Share) were allocated to the State of H.P. under the State Disaster Risk Management Fund (SDRMF)

15th Finance Commission has recommended a total allocation of **Rs.2,508 crore** for the State Disaster Risk Management Fund (SDRMF) to the States for the award period **2021-26**. Further, the total State allocation for SDRMF has been divided into State Disaster Response Fund (SDRF) and State Disaster Mitigation Fund (SDMF), which

will together address the full cycle of disaster management needs — response and relief, recovery and reconstruction, preparedness and capacity-building, and mitigation. Year wise detail of funds recommended under 15th finance commission is as given below:-

Financial Year	SDMF (In Crores)			SDRF (In Crores)			Grand Total (In Crores)
	State Share	Center Share	Total	State Share	Center Share	Total	
2020-21	9.00	81.80	90.80	36.00	327.20	363.20	454.00

The SDRF would receive 80 per cent of the total SDRMF, while 20 per cent was sanctioned for the SDMF of the allocation. Within the SDRF there would be three sub allocations: (i) Response and Relief (40 per cent), (ii) Recovery and Reconstruction (30 per cent) and (iii) Preparedness and Capacity-building (10 per cent). While the funding windows of SDRF and SDMF are not inter-changeable, there could be flexibility for re-allocation within the three sub-windows of SDRF.

These guidelines are for the operation and administration of SDRF for the purpose of Response & Relief activities of immediate nature in respect of disasters as notified by the Central Government as well as State specific disasters, as notified by the State Governments for SDRF only. Besides these, guidelines in respect of SDMF & NDMF; and for specific issues pertaining to recovery & reconstruction, preparedness & capacity-building windows of SDRF & NDRF are being issued separately.

8.1 State Disaster Response Fund (SDRF/NDRF) 2020-21

During the financial year 2020-21, significant funds were allocated from the State Disaster Response Fund (SDRF) to various districts and departments, aimed at addressing a range of critical needs. Detailed allocations reveal a strategic distribution across different sectors. The allocation pattern was consistent across districts like Kangra, Shimla, and Solan, where investments were made in areas like supply of medicines, housing, and agricultural support. Further, departments such as HPPWD and Jal Shakti received substantial allocations for infrastructure development and water management initiatives. This comprehensive approach underscores the government's commitment to repair & restoration the impact of disasters and fostering sustainable development across the region, as evidenced by the grand total allocation of 454 crore to districts and departments combined and details of the funds allocation is given below :-

Detail of funds released under SDRF/SDMF/Capacity Building during the Financial Year 2020-21 (Rs. in crore)															
Name of Distt.	Cash 2245-02- 101-01	Road & Bridges 2245-02- 106-01	WSS 2245-02- 109-01	Ex-gratia I 2245-02- 111-01	Ex-gratia-II 2245-02- 111-02	Housing 2245-02- 113-01	Local bodies 2245-02- 193-01	Drinking Water 2245-02- 102-014	Supply of Medicine 2245-01- 101-07	Supply of Medicine/Inpu t Subsidy 2245-02-114- 01	Contingency 2245-80-102- 01	Capacity Building 2245-80-102- 05	Mitigation	Surrender 2245-02- 193-01	Total
Bilaspur	1.25	0.50	0.00	1.00	1.00	0.50	3.50	-	-	-	0.0315	-	-	-	7.7615
Chamba	6.00	2.00	0.00	3.45	8.75	1.30	2.50	-	-	-	-	-	-	2.00	22.0000
Hamirpur	3.00	1.50	0.00	1.00	1.00	0.50	1.75	-	-	-	-	-	-	1.50	7.2500
Kangra	11.00	6.00	2.00	6.30	6.00	3.00	6.70	1.00	-	-	-	-	-	-	42.0000
Kinnaur	1.10	0.50	0.00	0.50	0.50	0.50	0.75	-	-	-	-	-	-	-	3.8500
Kulu	3.00	1.00	0.00	2.00	1.00	1.50	1.50	-	-	-	-	-	-	-	10.0000
Lahaul & Spiti	1.10	0.00	0.00	0.25	0.25	0.50	1.25	-	-	-	-	-	-	-	3.3500
Mandi	8.50	7.50	2.00	9.00	7.00	4.00	12.00	-	-	-	-	-	0.4920	-	50.4920
Shimla	6.80	3.50	0.00	4.00	8.00	2.20	4.50	-	-	-	-	-	-	-	29.0000
Simour	2.00	1.00	0.00	0.50	1.00	0.00	1.50	-	-	-	-	-	-	-	6.0000
Solan	9.25	1.00	0.50	2.50	2.50	1.50	2.50	-	-	-	-	-	0.25	-	20.0000
Una	7.00	0.00	1.00	2.50	3.50	1.50	0.75	-	-	-	-	-	-	-	16.2500
Total	60.00	24.50	5.50	33.00	40.50	17.00	39.20	1.00	-	-	0.0315	-	0.7420	3.50	217.9735
DMC	-	-	-	-	-	-	-	-	-	-	-	46.47	60.8484	-	107.3169
HPPWD	-	44.00	-	-	-	-	-	-	-	-	-	-	-	-	44.0000
IPH	-	-	34.50	-	-	-	-	-	-	-	-	-	6.0216	-	40.5216
HPSSEB	-	-	-	-	-	-	11.00	-	-	-	-	-	-	-	11.0000
HORT.	-	-	-	-	-	-	-	-	5.00	-	-	-	-	-	5.0000
AGRI.	-	-	-	-	-	-	-	-	-	5.00	-	-	-	-	5.0000
UD	-	-	-	-	-	-	-	-	-	-	-	-	22.48	-	22.4800
CBRI Roorkee	-	-	-	-	-	-	-	-	-	-	-	-	0.7080	-	0.7080
Total	0.00	44.00	34.50	0.00	0.00	0.00	11.00	0.00	5.00	5.00	0.00	46.47	90.0580	0.00	236.0165
Grant Total	60.00	68.50	40.00	33.00	40.50	17.00	50.20	1.00	5.00	5.00	0.0315	46.47	90.8000	3.50	454.00

8.2 National Disaster Response Fund 2020-21

No funds were sanctioned to DM Cell under the NDRF Fund during the year.

8.3 State Disaster Mitigation Fund 2020-21

During the financial year 2020-21, funds were allocated from the State Disaster Mitigation Fund (SDMF) to various districts and departments, aimed at addressing Mitigation needs.

Detail of Mitigation Fund for the year 2020-21						
Sr. No.	Date	Particulars	Provision/Receipt	Released/Payment	Balance	Name of Disaster
1		Budget Provision made by HPSDMA under SDMF	908,000,000.00	-	908,000,000.00	
2	31.12.2020	Released to CBRI Roorkee vide sanction order No. Rev. (DMC/FSSA)1-1/2018 dated 31.12.2020:- Seismic vulnerability assessment and retrofit of health/life line buildings in HP (Scheme on structural safety audit)	-	7,080,000.00	900,920,000.00	Non Structural Measures
3	28.12.2020	Released to Jal Shakti Vibhag vide sanction No. Rev.(DMC) (C)2-2/2018 dated 28.12.2020:- Mitigation of flood prone forest area through flood protection works along the banks of Neugal Khad along Saunav Van Vihar, Tehsil Palampur, Distt. Kangra (as per DPR) under State Disaster Mitigation Fund	-	60,216,000.00	840,704,000.00	Flood
4	28.12.2020	Released to Urban Development Deptt. vide sanction No. Rev.(DMC) (C)2-2/2018 dated 28.12.2020:- Providing storm water Drainage to Una town. Construction of primary drains, secondary drains, culverts and allied contingent thereto in Kotla drain catchment, Arinala drain catchment, road side drain catchment, Subjirandi drain catchment, Natraji drain catchment.	-	224,800,000.00	615,904,000.00	Flood
5	30.01.2021	Released to District Mandi vide sanction No. Rev.(DMC)(C)2-2/2018 dated 30.01.2021:- i) To develop and deploy low-cost sustainable landslide monitoring solutions in Mandi District. ii) 20 critical landslide points will be selected along with the major district road between Mandi to Kataula via Katandi.	-	4,920,000.00	610,984,000.00	Landslide
6	30.01.2021	Released to Deputy Commissioner Solan vide sanction No. Rev.(DMC)(C)2-2/2018 dated 30.01.2021:- i) Geological hazards mitigation using store concrete block retaining walls and helical soil nailing. ii) This would include: developing shake table experimental setup, procurement of locally preparation, fabrication of soil nails, lab testing and dynamic blocks and helical nails, development of field prototype with full instrumentation, manpower and field construction equipment, training and transfer of technology.	-	2,500,000.00	608,484,000.00	Landslide
			908,000,000.00	299,516,000.00		

8.4 Submission of Memorandum of Damages:

Every year the State of Himachal Pradesh suffers heavy damages during monsoon season as well as winter season due to heavy rains and snowfall. DM Cell takes stock of the damages, prepares damage report with the active participation of the concerned development departments and prepares memorandum of damages for submission to the GOI under National Disaster Response Fund (NDRF). DMC also coordinates & assists the central expert teams that evaluates and validates the damages after conducting spot inspection before granting the financial support to the States.

Submission of Memorandum of Damages Due To Flash Floods, Cloudbursts and Landslides during Monsoon Season - 2020

Losses and damages to the tune of Rs. 865.19 Crore, as detailed below, were suffered due to flash floods, cloudburst, etc. during the Monsoon 2020:-

Sr. No.	Sectors	Losses(Rs In Crore)
1.	Human Lives lost	1.76
2.	Cattle loss	0.53
3.	Damage to Structure	8.58
4.	Damage of Roads, Bridges, etc.	432.50
5.	Damage to Water Supply and Irrigation Schemes	330.65
6.	Agriculture (Crop and Land) Loss	77.36
7.	Horticulture (Crop and Land) Loss	2.57
8.	Loss to Electricity Infrastructure	5.49
9.	Loss to Education Infrastructure	0.33
10.	Loss to Fisheries Infrastructure	0.10
11.	Loss to Rural Infrastructure	5.11
12.	Loss to Health Infrastructure	0.21
	Total	865.19

In view of large scale damages and losses, the allocation of Fund under SDRF for the year 2020-21 was felt insufficient to meet restoration of damages and losses. For current financial year, allocation of Rs. 454.00 crores has been made to State under SDRF, out of which 50% funds are required for Covid-19 pandemic. Besides, 20% and 10% funds are also earmarked for Mitigation Fund and Capacity Building respectively. Actual funds available for relief and restoration works remains 20% which are highly insufficient keeping in view the extent of damages and losses sustained during Monsoon Season-20. In view of the above, additional funds are needed out of NDRF to carryout necessary relief and restoration work of the damaged infrastructure in the hilly State, for which Memorandum of Damages was submitted to the Government of India

ANNEXURES

2020-21
