

# Disaster Management Plan Of Kathua District



Submitted By:

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Kathua

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**Abbreviations used:****DDMP: District Disaster Management Plan****DDMC: District Disaster Management Committee****DC: Deputy Commissioner****SSP: Superintendent of Police****ADDC: Addl. Distt. Dev. Commissioner****ADC: Addl. Deputy Commissioner****ACR: Asstt Commissioner Revenue****SDPO: Sub-Divisional Police Officer****SHOs: Station House Officer****BDO: Block Development Officer****DFO: Divisional Forest Officer****PO: Project Officer****CMO: Chief Medical Officer****CEO: Chief Education Officer****SDM: Sub-Divisional Magistrate****AD : Asstt. Director****XEN: Executive Engineer****CDRM: Community Based Disaster Response System****NCC: National Cadet Corps****NSS: : National Social Service****NGC: : National Green Corps****NDRSN: National Disaster Response Network****QRT: Quick Response Team****ICS: Incident Commands System****NHA-1A: National Highway 1 A**

# **1. BACKGROUND**

## **1.1 District Profile**

Kathua District is situated at 32° 17' to 32° 55' North Latitude and 75° 70' to 76° 16' East longitude. The District is surrounded by Punjab in the South-East, Himachal Pradesh in North-East, District Doda and Udhampur in North and North-West, Jammu in the West and Pakistan in the South-West. It has an area of 2502 Sq Kms. The district can be conveniently divided into three distinct Agro-climatic regions. The area falling South of Pathankot-Jammu-Srinagar National Highway consists of deep alluvial soils. The area is mostly irrigated and quite productive. This area touches Pakistan and Punjab border and it is also popularly called Border Area. The second zone falling north of the National Highway extends upto foothills of Himalayas and falling mostly in Shivalik ranges is called Kandi area. It is characterized by shallow soils full of boulders with negligible natural water resources. The area faces acute shortage of water and the productivity of the land is very marginal. Part of Kathua, Barnoti, Hiranagar, Basohli and Billawar block falls in this category. The third area falls beyond Shivalik ranges and extends upto to Peer Panchal ranges. This area is mountainous in nature with little potential for agriculture.

Dogri is the main language spoken by the people of the district. Though the dogri spoken in some parts of the district has the influence of Punjabi tone also but the rural areas specially the Hilly areas are free from Punjabi. Their main language is DOGRI/PAHARI..

Latitude:	32° 17' to 32° 55' North
Longitude:	75° 70' to 76° 16' East longitude
Area:	2502 SQ Kms
Population	<b>511455</b>

## **1.2 Socio Economic Details:**

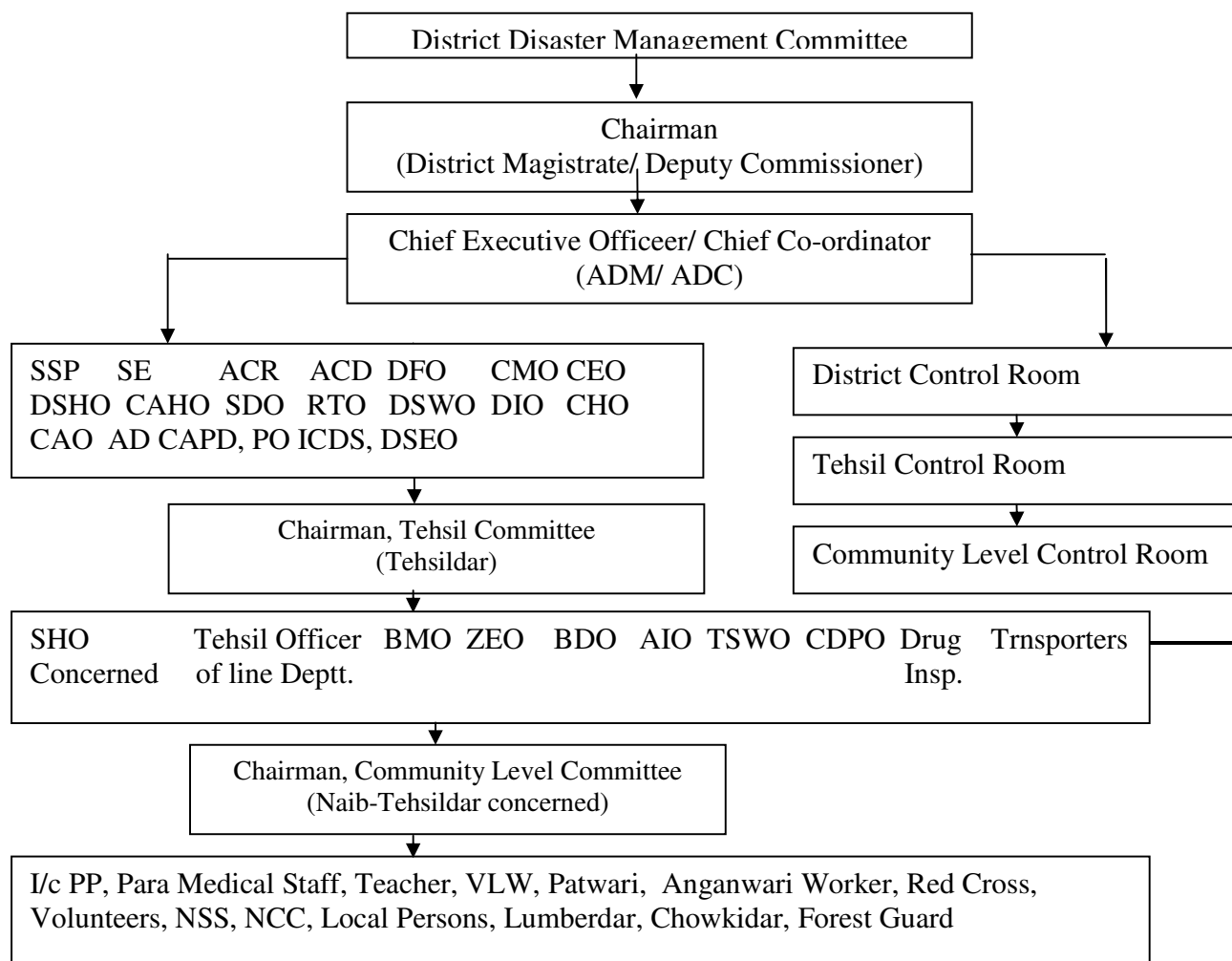
Total population	511455 (5% of state population)
Population (Rural)	432727 (85% of total) ---- 226544 (Male) 206183 (Female)
Population (Urban)	78728 42913 (Male) 35815 (Female)
Tehsil wise population	118444 Billawar
(2001 census provisional)	58204 Basohli 181852 Kathua 116238 Hiranagar 36717 Bani

## **1.3 AREA & ADMINISTRATIVE DIVISION**

Area	2502 sq. km
No. of towns	six (Kathua, Hiranagar, Billawar, Basohli, Lakhanpur, Parole)
No. of villages	512 -- 497 (Inhabited) 15 (Uninhabited)
No. of villages (Tehsil wise)	Kathua 182 –(i)166(I);(ii)5(U);(iii)11 (out growth) Billawar 66 (i) 65 (I), 1(U) Basohli 39- (i)38(I); (ii) 1(U) Hiranagar 203(i) 195 (I) (ii)8(U)
No. of towns	6 -- 6 (inhabited)
No. of panchayats & villages (Block wise)	Lohai-Malhar 18 16 Bani 17 20 Duggan 12 13 Basohli 34 44 (excluding village Barot, submerged in dam) Billawar 46 50 Kathua 39 103 Hiranagar 29 112 Barnoti 45 136 (including one forest block) Gaghwal 04 18 Total 244 512

REVENUE SUB-DIVISIONS	REVENUE TEHSILS	CD BLOCKS	Parliamentary/ Assembly Constituencies	Police Sub-Divisions	Police Stations/Posts	Municipal Council/ Municipalities	Educational Zones
1. Basohli 2. Bani 3. Badnota (Billawar)	1. Kathua 2. Hiranagar 3. Billawar 4. Basohli 5. Bani	1. Bani 2. Barnoti 3. Basohli 4. Billawar 5. Duggan 6. Hiranagar 7. Kathua 8. Lohai-Malhar	<u>Parliamentary Constituency</u>  5-Udhampur (Comprises of districts :- Kathua – Doda-Udhampur - Reasi - Ramban - Kishtwar - Part of Samba District)  <u>Assembly Constituencies</u>  63-Bani 64-Basohli 65-Kathua 66-Billawar 67-Hiranagar	1. Basohli 2. Chadwal (Border)	<u>Police Stations</u> 1. Kathua 2. Hiranagar 3. Rajbagh 4. Lakhanpur 5. Basohli 6. Bani 7. Lohai-Malhar 8. Billawar  <u>Police Posts</u> 1. Parole 2. Hatli More Kathua 3. Ramkote 4. Basantpur 5. Marheen 6. Chadwal 7. Lowang	<u>M.Councils</u> 1. Kathua  <u>Municipalities</u> 1. Lakhanpur 2. Parole 3. Hiranagar 4. Basohli 5. Billawar	1. Kathua 2. Barnoti 3. Marheen 4. Sallan 5. Hiranagar 6. Lakhanpur 7. Basohli 8. Billawar 9. Bani 10. Lohai-Malhar 11. Mahanpur 12. Bhaddu 13. Ghagwal

### ORGANISATIONAL STRUCTURE



## 1.4 Livestock Position

### Livestock and poultry population as per livestock census (in lakhs)

	No. of heads/birds					
	1982	1988	1992	1997	2003	2008(P)
	1	2	3	4	5	6
Cattle	1.964	1.950	2.062	2.133	2.32	2.37
Buffaloes	0.676	0.754	0.748	0.788	0.87	0.85
Sheep	1.518	2.376	2.779	3.066	2.278	2.683
Goats	1.305	2.073	3.941	3.898	1.843	2.093
Others*	0.104	0.100	0.103	0.118	0.122	0.118
<b>Total</b>	<b>5.567</b>	<b>7.253</b>	<b>9.633</b>	<b>10.003</b>	<b>7.435</b>	<b>8.114</b>
<b>Poultry</b>						<b>2.18</b>

\* During the survey of 1997, 2003 & 2008 following are clubbed under the column others:-

		<u>1997</u>	<u>2003</u>	<u>2008(P)</u>
i	Horse/Ponnies	0.072	0.093	0.0918
ii	Donkey/Mule	0.032	0.023	0.0245
iii	Camels	0.008	0.003	0.0012
iv)	Pigs	1.005	0.001	0.0006

### Agricultural Statistics:

Agriculture is the livelihood of the masses in District Kathua as else where in the State. Eighty per cent of its population is related to Agriculture & 100% depends on it. Obviously, agricultural development is the main stay for the overall growth and development of its people. Kathua district being the entrance to the state has location advantage. There are three Agriculture subdivisions in the district namely Billawar, Basohli and Dayalachak divided in command & non-command areas. Billawar & Basohli constitutes non-command area and Dayalachak subdivision falls in command area. The topography and the agro climatic zones of both the areas are different ranging from subtropical in command & subtropical to temperate in non-command areas. The command area is 30% irrigated & where as only 10% of the area in non command is irrigated. In respect of crop production potential the command area is quite productive than upper areas.

Percentage of rural population to total	84.61	
<b>Area according to Village Papers</b>	264729	Ha
Area under Forests	72732	Ha
Land put to Non-Agriculture Use	46145	Ha
Barren and Un-cultivated Land	33862	Ha
Permanent Pastures & Grazing Lands	10881	Ha
Cultivable Waste Land	13190	Ha
Cultivated area	61010	Ha.
Other than current Fallow land	3559	Ha.
Cropping intensity	190	%
Irrigated area	17653	Ha.
Un irrigated area	43357	Ha.
Percentage of irrigated area	29	%
Land under Misc. trees & growers not incl.in net area	13236	Ha.
Current Fallow	10114	Ha.
<b>No.of Tehsils</b>	4	No.
No. of Blocks	8	No.
No. of Panchayats	165	No.
No. of villages	447	No.
No.of agri. Subdivisions	3	No.
<b>Consumption of organic and chemical fertilizers</b>	56109	qtl's
<b>Co-operative societies and membership</b>		
No. of societies	108	
Membership of societies	33548	
Avg.area covered per co-op	22.59	Sq. km
<b>No. of cultivators</b>	100550	

## AREA COVERAGE UNDER DIFFERENT CROPS:-

The major crops of the district are wheat, Rice and Maize. Other crops which have been making a significant impact on the economy of the farmers are vegetables & potato, fodder, pulses, Oilseeds. Double cropping is already practiced in a large portion of the cultivated area and even triple cropping is being followed in areas where vegetables, fodder, potato, summer pulses (Moong), Toria and other short duration crops are grown.

S.NO	Name of Crop	Total sown area under the crop(Ha.)
1.	Paddy	27573
2.	Maize	21305
3.	Wheat	55982
4.	Pulses	4814
5.	Oil Seeds	5808
6.	Fodder	7907
7.	Vegetable	290
8.	Other millets & Grams	4132
9.	Other food crops and spices	230
10.	Other non-food crops	14
	Total	128055

## LAND HOLDINGS :-

There are about 70% farming families in the District. The large farmers are 0.14% where as small and marginal farmers are 18.34% & 67.46% respectively. Size of land holdings below 0.5 is 45.08%, 0.5 - 1.0 is 19.51% and 1.0 - 2.0 is 18.08%.

Size class	No. of holdings	Percentage
Below 0.5	37391	45.08
0.5 -1.0	16181	19.51
1.0 – 2.0	14992	18.08
2.0 - 3.0	6395	7.71
3.0 - 4.0	3505	4.23
4.0 – 5.0	2225	2.68
5.0 – 7.5	1762	2.12
7.5 – 10.0	337	1.42
10.0 -20.0	136	0.16
20.0 – and above	13	0.01
Total :-	82937	100

## Avg.Holding 1.04 Ha.

Marginal farmers:	60484 having area 23498 ha.
Small Farmers :	16448 having area 23554 ha.
Small medium :	9845 having area 23305 ha.
Medium :	2748 having area 15785 ha.
Large :	133 having area 1930 ha.



### **IRRIGATION WATER AND GROUND WATER:**

The command area is very productive as compared to the Kandi belt area because of its 30% irrigated area against 10% that of Non-command. Much of the irrigation in command area is provided through canals(76%), bore wells / tube wells(1.4%) and in case of N-CAD the same is provided through seasonal nallahs ,springs and wells.

Year	Area irrigated by canals	Area irrigated by Springs	Area irrigated by wells/bore wells /tube wells	Area irrigated by other sources	Total Area irrigated
<b>2007-08</b>	13450 Ha.	56 Ha.	244 Ha.	3903 Ha.	17653 Ha.

#### **1.5 Areas Vulnerable to different disasters:**

Kathua district is highly prone to natural disasters like earthquake, flash floods, and land slides also equally vulnerable disasters like cross border shelling/fire. Medical hazard like epidemic and pandemic are critical but have caused damage locally only. There are many manmade disasters which can cause damage to life and property therefore, it is important that we regularly asses our vulnerability to all the hazards. Most of the disasters can occur at anytime the details of the seasonality of the disasters as well as the place of occurrence is as follows:

S. No	Type of Disaster	Time of Possible Occurrence	Possible Place of Occurrence	Kind of Danger	Place/ Location	Population
1.	Earthquake	Unpredictable	Any place within the district	Loss of Life & Property	Billawar Basohli Bani	2.5 lacs (approx.)
2.	Forest Fire	Feb- April June	i) Chir- Pine Forests ii) Road-side Forests iii) Near Habitation iv) Nomads Migratory Huts	Loss of Property	Kathua Hiranagar Billawar Basohli Bani	6.00 lacs (Approx.)
3.	Drought	Unpredictable	Any place within the district but Kandi area of tehsil Hiranagar and Kathua are drought prone areas.	Loss of Life & Property	Kathua Hiranagar Billawar Basohli Bani	6.00 lacs (Approx.)
4.	Flood	June-August Dec-Jan	i) Flood plain Habitation & School Building ii) Nomads Temporary Settlement	Loss of Life & Property	Ujh Ravi Bei Nallah Tarnah	1.27 lacs (approx.)
5.	Land Slide	June- August Dec-Jan	i) Settlements in Unstable Slopes ii) Roads in Unstable Slopes	Loss of Life & Property	Billawar Basohli Bani	2.5 lacs (approx)
6.	Dam Burst	Unpredictable	i) Down Stream Habitation ii) Agriculture Land	Loss of Life & Property	Kathua Hiranagar Basohli Bani	3.00 lacs (approx.)
7.	Cross Border Shelling/ Firing	Unpredictable	i) Border Villages within 1 Kmtr from Zero line	Loss of Life & Property	Hiranagar (20 villages)	0.40 lacs (approx.)
8.	Industrial Fire	Unpredictable	Hatlimore Industrial Units	Loss of Life & Property	Kathua Hiranagar	1.00 lacs (approx.)
9..	Epidemics	Gastroenteritis Diarrhea Jaundice	Any place within the district	Loss of Life	Kathua Hiranagar Billawar Basohli, bani Bani	6.00 lacs (Approx.)
10.	Accidents	Unpredictable	Entire Stretch	Loss of Life & Property	Kathua Hiranagar Billawar Basohli, bani	6.00 lacs (Approx.)

## 2. INTRODUCTION

The District Disaster Management Plan (DDMP) outlining the measure to be taken in the event of any natural or man-made disaster during the year **2009-2010** has been prepared on the past experiences. The DDMP includes the facts and figures that have been collected from various sources with a view to meet the challenges during any Natural Disaster.

Vulnerability of the Kathua District towards disasters, both natural and man-made, is widely recognized. The district is vulnerable towards natural disasters like; floods, droughts, earthquakes, fire accidents, Avalanches, Cross border shelling/ firing, etc Losses caused by disasters continue to mount year after year. The need for an effective disaster management strategy to lessen disaster impact is being felt in many quarters and also for strengthening of organizational structure for disaster management. Along with, regular updating of Codes/Manual/Disaster Plans on the basis of experience gained and technological developments should be done. It was felt that the generic categorization of disasters would help in preparing disaster management plans. This generic categorization of disasters is in no way intended to disturb handling of specific disasters by various departments. Precise actions, procedures and responsibilities have to be laid down well in advance in order to ensure timely response in case of any disaster. Therefore, a mechanism that takes into account multiple hazards and basic preparedness has to be articulated in the form of Quick Response Teams, Quick Assessment Teams, Reporting Procedures, Checklist and Handbooks. The mechanism also lays down crucial parameters, requirements and organizational composition of Emergency Operations Centers and Incident Command Systems.

The Disaster Management Plans have been formulated starting from the village level up to the district level. The plan clearly indicates the role and responsibility of each player of the team. The Sarpanch/Lambardars/ Chokidars and prominent persons of the village are the key player at the ground level and the Community with guidance of Community Disaster Management committee formulates and carries out this plan in the village level. Civil society organisations also play a vital role during the implementation of this plan in the field..

The District Disaster Management Plan (DDMP) has been envisaged as a preparedness plan whereby the receipt of a signal of an impending disaster would simultaneously energise and activate the mechanism for response and mitigation without loss of crucial time. This would entail all the participating managers to know in advance the task assigned to them and the manner of response. Identification of available resources including manpower, material, equipment and adequate delegation of financial and administrative powers are prerequisites to successful operation of the DDMP. The DDMP is in essence, the Standard Operating Procedure (SOP) in which the implementation of efforts on ground is well laid down. Activities such as evacuation, search and rescue, temporary shelter, food, drinking water, clothing, health and sanitation are given prime importance. Communications accessibility and public information, that are

important components of disaster management, would follow on the activation of the DDMP. These activities are common to all types of disasters and require subdivision and preparation of sub action plans by each specified authorities. Each sub group has been requested to work out the DDMP mechanism relevant to their group of disasters.

The DDMP requires the disaster managers to;

- Evolve an effective signal/warning mechanism
- Identify activities and their levels
- Identify sub activities under each activity/level of activity
- Specify authorities for each level of activity and sub activity
- Determine the response time for each activity
- Workout individual plans of each specified authority to achieve activation as per the response time.
- Have quick response terms for each specified authority
- Have alternative plans and contingency measures
- Provide appropriate administrative and financial delegation to make the response mechanism functional
- viable
- Undergo preparedness drills.

## **2.1 Past History**

**It is known from the previous records that Kathua district is not insulated from disasters and the major disasters that had occurred are flash floods,**

**landslides, forest fires/fires, cross border shelling/ firing etc. Brief Details are as follows:**

**1. Earth quake :-**

Past History -	Yes (occurred in the year 1980 and October 2005)
Frequency -	Likely.(at any time)
Impact -	Whole District.
Venerablety -	40 %
<u>Likely damage</u>	
life -	No loss of human life but injuries occurred to victims.
Property -	Rs. 40.5 lacs (Approx.) Relief distributed in October 2005 4.5 lacs against 270 damaged houses.

**2. Floods/Flash/floods:-**

Past History -	Yes. (almost every year during mansoons)
Frequency -	Likely (Raining s eason)
Impact -	House hold and Panchayat.
Venerable population –	35%
<u>Likely damage</u>	
Life - Minimal	
Property - Rs.	More than Rs 5 lacs annually

**3. Drought:-**

Past history	Yes( 2007 and 2009)
Frequency	Likely (Summer season i.e. May-June)
Impact	Sub District
Venerable, Population	60%
<u>Likely damage</u>	
Property Rs	During 2007, No. of families affected 25365 and during 2009, 67% of total population affected.
Area affected	10,41186 Kanals. (2009)

**4. Wind Storms/Snow falls/ Avalanche etc**

Past History	Yes.
Frequency	Very Likely.(spring summer)
Impact	House hold
Venerable, population	10%
<u>Likely damage .</u>	
Life Minimal	2 persons died in Bani tehsil during the year 2007-08

**4. Land slides / Land slips:-**

Past History	Yes(Raining season)
Frequency	Very likely (almost every year during the months July-Aug-Sep).
Impact	House hold and village.
Venerable population	Billawar, Bani & Basholi Tehsils
<u>Likely damage</u>	
Life minimal.	6 persons died in Bani Tehsil in Bani Tehsil during 2007-08

**5. Building Fire/ Any other Type of fire:-**

Past History	Yes.(it is common in every year)
Frequency Very likely	(summer season)

Impact	House hold and Panchayat.
Venerable	Whole district
Likely damage	
Life Minimal.	4 persons died in 2009
Property.	25 house burned during 2009

#### **6 Border Shelling/ Firing :-**

Past History	Yes.(December 2001)
Frequency Very likely	Any time on tense situation on the border
Impact	House hold
Venerable	Hiranagar Tehsil
Likely damage	
Life Minimal.	1 person killed also 2 villages burnt
Property.	Rs 19.00 lacs

#### **7. Forest Fire**

Past History	Yes.
Frequency Very likely	Any time(Most of the fire in May & June)
Impact	Forests
Venerable	Barwal,Budhi,Ghatti,Bhed Balore of kathua Range & Rajwalta area of Jasrota range
Likely damage	64.75 hect. area is effected per annum.

## **2.2 Stores and Supply Centres**

Already existing PDS supply centres (Food Storage Godowns) at Block level for storage and distribution of food and essential items. Detailed list of supply centres alongwith stock position is annexed.

## **2.3 Mobile Units**

It is proposed to have at least 2 mobile dispensaries at tehsil level. And minimum of one mobile unit at Lohai-malhar and Duggan block.

## **2.4 . Reviews & Monitoring**

The District Level Disaster management committee will periodically (twice a year) review the Comprehensive Disaster management plan. If necessary Sub-Disaster Management Committees (as per disaster occurrence) performance will be reviewed by the DDMC.

### **3. Plan Objectives:**

Kathua District being a Gateway of Jammu & Kashmir which symbolically reflects the state's well being from out side is vulnerable from disaster on many accounts like earthquakes , floods, land slides, forest fire etc. With the understanding of its potential vulnerability to various types of disasters & its socio-economic and geographical configuration in mind the following objectives are framed to effectively tackle this issue with minimum loss of life & property.

The objectives of the District Disaster Management Plan are:

- To plan and implement risk reduction and risk reduction activities in the district.
- To have effective disaster preparedness and effective emergency response for saving of lives.
- To provide relief and humanitarian assistance.
- To enable faster recovery through comprehensive reconstruction and rehabilitation.
- To conduct trainings and capacity building for effective prevention mitigation and response for disasters.
- To undertake information, education and communication activities to create awareness among the communities and the general public.

## **4. HAZARD, RISK AND VULNERABILITY PROFILE**

Village wise vulnerability assessment is as under:

Tehsil Bani

S.No	Village Name	Earth-quake	Flood	Landslide	Avalanches	Drought	Cross border firing	Forest Fire/ any other type of fire
		<u>H/M/L/O</u>	<u>H/M/L/O</u>	<u>H/M/L/O</u>	<u>H/M/L/O</u>	<u>H/M/L/O</u>	<u>H/M/L/O</u>	<u>H/M/L/O</u>
1	Asoo	L	0	M	L	L	0	M
2	Bani	L	0	M	L	L	0	M
3	Banjai	L	0	M	L	L	0	M
4	Bari	L	0	M	L	L	0	M
5	Barmota	L	0	M	L	L	0	M
6	Begoga	L	0	M	L	L	0	M
7	Bhandar	L	0	M	L	L	0	M
8	Bholri	L	0	M	L	L	0	M
9	Chala	L	0	M	L	L	0	M
10	Chalog	L	0	M	L	L	0	M
11	Chandal	L	0	M	L	L	0	M
12	Daulka	L	0	M	L	L	0	M
13	Dhaggar	L	0	M	L	L	0	M
14	Dhaman	L	0	M	L	L	0	M
15	Dharor	L	0	M	L	L	0	M
16	Duggan	L	0	M	L	L	0	M
17	Dulangal	L	0	M	L	L	0	M
18	Fateh Pur	L	0	M	L	L	0	M
19	Gatti	L	0	M	L	L	0	M
20	Kachir	L	0	M	L	L	0	M
21	Kalore	L	0	M	L	L	0	M
22	Kanthai	L	0	M	L	L	0	M
23	Kardoh	L	0	M	L	L	0	M
24	Koti	L	0	M	L	L	0	M
25	Lawang	L	0	M	L	L	0	M
26	Madhota	L	0	M	L	L	0	M
27	Raulka	L	0	M	L	L	0	M
28	Sandhi	L	0	M	L	L	0	M
29	Sandroon	L	0	M	L	L	0	M
30	Sarthai	L	0	M	L	L	0	M
31	Sitti	L	0	M	L	L	0	M
32	Siyara	L	0	M	L	L	0	M
33	Surjan	L	0	M	L	L	0	M



## Tehsil Basohli

S.No	Village Name	Earth-quake	Flood	Landslide	Avalanches	Drought	Cross border firing	Forest Fire/ any other type of fire
		<u>H/M/L/O</u>	<u>H/M/L/O</u>	<u>H/M/L/O</u>	<u>H/M/L/O</u>	<u>H/M/L/O</u>	<u>H/M/L/O</u>	<u>H/M/L/O</u>
1	Athoon	H	L	M	0	M	0	M
2	Athyalta	H	L	M	0	M	0	M
3	Bera	H	L	M	0	M	0	M
4	Bhoond	H	L	M	0	M	0	M
5	Danna	H	L	M	0	M	0	M
6	Dhar Jhankar	H	L	M	0	M	0	M
7	Dhar Mahanpur	H	L	M	0	M	0	M
8	Dodala	H	L	M	0	M	0	M
9	Draman	H	L	M	0	M	0	M
10	Ghoral	H	L	M	0	M	0	M
11	Hadat	H	L	M	0	M	0	M
12	Hutt	H	L	M	0	M	0	M
13	Jandrayali	H	L	M	0	M	0	M
14	Janu	H	L	M	0	M	0	M
15	Jhankar	H	L	M	0	M	0	M
16	Kagrod	H	L	M	0	M	0	M
17	Kailtri	H	L	M	0	M	0	M
18	Khaddi	H	L	M	0	M	0	M
19	Kohrdhar	H	L	M	0	M	0	M
20	Kothi	H	L	M	0	M	0	M
21	Mahan Pora	H	L	M	0	M	0	M
22	Mandla	H	L	M	0	M	0	M
23	Nagaali	H	L	M	0	M	0	M
24	Nawshehra	H	L	M	0	M	0	M
25	Pathi	H	L	M	0	M	0	M
26	Phikar	H	L	M	0	M	0	M
27	Plahi	H	L	M	0	M	0	M
28	Plakh	H	L	M	0	M	0	M
29	Plasi	H	L	M	0	M	0	M
30	Poonda	H	L	M	0	M	0	M
31	Preta	H	L	M	0	M	0	M
32	Rehn	H	L	M	0	M	0	M
33	Salladi	H	L	M	0	M	0	M
34	Sandar	H	L	M	0	M	0	M
35	Siyalag	H	L	M	0	M	0	M
36	Smahn	H	L	M	0	M	0	M
37	Sobar	H	L	M	0	M	0	M
38	Thana	H	L	M	0	M	0	M
		H	L	M	0	M	0	M

## Tehsil Billawar

S.No	Village Name	Earth quake	Flood	Land slide	Avalanches	Drought	Cross border firing	Forest Fire/ any other type of fire
		<u>H/M/L/O</u>	<u>H/M/L/O</u>	<u>H/M/L/O</u>	<u>H/M/L/O</u>	<u>H/M/L/O</u>	<u>H/M/L/O</u>	<u>H/M/L/O</u>
1	Agldhar	H	L	M	0	M	0	M
2	Amwala	H	L	M	0	M	0	M
3	Badnotta	H	L	M	0	M	0	M
4	Baggan	H	L	M	0	M	0	M
5	Barotta	H	L	M	0	M	0	M
6	Bathari	H	L	M	0	M	0	M
7	Beral	H	L	M	0	M	0	M
8	Bhaddu	H	L	M	0	M	0	M
9	Bhattodi	H	L	M	0	M	0	M
10	Bhattwal	H	L	M	0	M	0	M
11	Billawar	H	L	M	0	M	0	M
12	Chanera	H	L	M	0	M	0	M
13	Danbrah	H	L	M	0	M	0	M
14	Danjisdhar	H	L	M	0	M	0	M
15	Darung	H	L	M	0	M	0	M
16	Derli	H	L	M	0	M	0	M
17	Dewal	H	L	M	0	M	0	M
18	Dhamlar	H	L	M	0	M	0	M
19	Dhannu Parol	H	L	M	0	M	0	M
20	Dhar Dugun	H	L	M	0	M	0	M
21	Dharalta	H	L	M	0	M	0	M
22	Dharmkot	H	L	M	0	M	0	M
23	Dheutta	H	L	M	0	M	0	M
24	Dodu Falal( Godu Falal)	H	L	M	0	M	0	M
25	Dungara	H	L	M	0	M	0	M
26	Galak	H	L	M	0	M	0	M
27	Harnotta	H	L	M	0	M	0	M
28	Huttar	H	L	M	0	M	0	M
29	Kachhir	H	L	M	0	M	0	M
30	Kaha	H	L	M	0	M	0	M
31	Kahug	H	L	M	0	M	0	M
32	Kandharnu	H	L	M	0	M	0	M
33	Kilyal	H	L	M	0	M	0	M
34	Kindli	H	L	M	0	M	0	M
35	Kishan Pur	H	L	M	0	M	0	M
36	Komala	H	L	M	0	M	0	M
37	Kunu	H	L	M	0	M	0	M
38	Lahari	H	L	M	0	M	0	M

39	Lakhari	H	L	M	0	M	0	M
40	Machhedi	H	L	M	0	M	0	M
41	Makwal	H	L	M	0	M	0	M
42	Malahar	H	L	M	0	M	0	M
43	Malar	H	L	M	0	M	0	M
44	Malti	H	L	M	0	M	0	M
45	Mandli	H	L	M	0	M	0	M
46	Marhoon	H	L	M	0	M	0	M
47	Muni	H	L	M	0	M	0	M
48	Najot	H	L	M	0	M	0	M
49	Palehal	H	L	M	0	M	0	M
50	Pallan	H	L	M	0	M	0	M
51	Parnala	H	L	M	0	M	0	M
52	Rajwalta	H	L	M	0	M	0	M
53	Ramkot	H	L	M	0	M	0	M
54	Rampur	H	L	M	0	M	0	M
55	Sadrota	H	L	M	0	M	0	M
56	Salor	H	L	M	0	M	0	M
57	Seri	H	L	M	0	M	0	M
58	Siyalna	H	L	M	0	M	0	M
59	Sukral	H	L	M	0	M	0	M
60	Tehr	H	L	M	0	M	0	M
61	Thall	H	L	M	0	M	0	M
62	Thanthu	H	L	M	0	M	0	M
63	Thara Kilwal(Tharai Kiwal)	H	L	M	0	M	0	M
64	Tilla	H	L	M	0	M	0	M
65	Ucha Pind	H	L	M	0	M	0	M

**Tehsil Hiranagar**

S.No	Village Name	Earth quake	Flood	Land slide	Avalanches	Drought	Cross border firing	Forest Fire/ any other type of fire
		<u>H/M/L/O</u>	<u>H/M/L/O</u>	<u>H/M/L/O</u>	<u>H/M/L/O</u>	<u>H/M/L/O</u>	<u>H/M/L/O</u>	<u>H/M/L/O</u>
1	Allu Chak	H	0	0	0	H	0	H
2	Amala	H	0	0	0	H	0	H
3	Arjan Chak	H	0	0	0	H	0	H
4	Bailiyan	H	H	0	0	H	0	H
5	Bakhrak	H	L	0	0	H	0	H
6	Balaahr	H	0	0	0	H	0	H
7	Balahn Bala	H	0	0	0	H	0	H
8	Balahn Pain	H	0	0	0	H	0	H
9	Bandhor	H	0	0	0	H	0	H
10	Bani Chak	H	0	0	0	H	0	H
11	Bann	H	0	0	0	H	0	H
12	Barmal	H	0	0	0	H	0	H
13	Barnooh	H	0	0	0	H	0	H
14	Barsoo Chak	H	0	0	0	H	0	H
15	Basi Jamwal	H	0	0	0	H	0	H
16	Behri	H	0	0	0	H	0	H
17	Bhagwal	H	0	0	0	H	0	H
18	Bhagwane Chak	H	0	0	0	H	0	H
19	Bhambarwan	H	H	0	0	H	0	H
20	Bhati Mehru	H	0	0	0	H	0	H
21	Bhatiari Brahmana	H	0	0	0	H	0	H
22	Bhayia	H	0	0	0	H	0	H
23	Bobia	H	0	0	0	H	H	H
24	Chak Balunda	H	0	0	0	H	H	H
25	Chak Bannun	H	0	0	0	H	H	H
26	Chak Bathal	H	0	0	0	H	M	H
27	Chak Budhu	H	0	0	0	H	M	H
28	Chak Changa	H	0	0	0	H	0	H
29	Chak Charakh	H	0	0	0	H	H	H
30	Chak Chhabba	H	H	0	0	H	L	H
31	Chak Debo	H	H	0	0	H	L	H
32	Chak Choudharian Desa	H	H	0	0	H	L	H
33	Chak Dhari	H	H	0	0	H	M	H
34	Chak Dhota	H	H	0	0	H	0	H

35	Chak Diyalla	H	H	0	0	H	0	H
36	Chak Fatoo	H	H	0	0	H	0	H
37	Chak Ganga Ram	H	H	0	0	H	0	H
38	Chak Gojar	H	H	0	0	H	0	H
39	Chak Gupala	H	H	0	0	H	L	H
40	Chak Gusown	H	H	0	0	H	H	H
41	Chak Handa	H	H	0	0	H	H	H
42	Chak Haria	H	H	0	0	H	M	H
43	Chak Jahlla	H	H	0	0	H	M	H
44	Chak Jangi	H	H	0	0	H	M	H
45	Chak Jawahir	H	H	0	0	H	M	H
46	Chak Kahna	H	H	0	0	H	H	H
47	Chak Khiloo	H	H	0	0	H	L	H
48	Chak Mahesha	H	H	0	0	H	L	H
49	Chak Nathal	H	H	0	0	H	H	H
50	Chak Prohtan	H	H	0	0	H	H	H
51	Chak Rangi	H	H	0	0	H	H	H
52	Chak Sardar Attar Singh	H	H	0	0	H	H	H
53	Chak Shama	H	H	0	0	H	H	H
54	Chak Shiba	H	H	0	0	H	L	H
55	Chak Sukhu	H	H	0	0	H	L	H
56	Chak Wazir Chand	H	H	0	0	H	L	H
57	Chak Wazir Lahbju	H	H	0	0	H	L	H
58	Chakra	H	H	0	0	H	H	H
59	Chan Tanda	H	H	0	0	H	H	H
60	Chandwan	H	H	0	0	H	0	H
61	Changi	H	H	0	0	H	L	H
62	Chapaki Kalan	H	H	0	0	H	L	H
63	Chapaki Khurd	H	H	0	0	H	L	H
64	Charwal	H	H	0	0	H	0	H
65	Chelak	H	H	0	0	H	0	H
66	Chhan Chhakri	H	H	0	0	H	L	H
67	Chhan Datial	H	H	0	0	H	0	H
68	Chhan Khatriyan	H	H	0	0	H	0	H
69	Chhan Lal Din	H	H	0	0	H	H	H
70	Chhan Moraan	H	H	0	0	H	0	H
71	Chhan Ranga	H	H	0	0	H	L	H
72	Chhan Rorian	H	H	0	0	H	0	H
73	Dhalli	H	H	0	0	H	0	H
74	Dhaloti	H	H	0	0	H	0	H

75	Dhalta	H	H	0	0	H	0	H
76	Dhamaal	H	H	0	0	H	0	H
77	Dhamyal	H	H	0	0	H	0	H
78	Dhandiyari	H	H	0	0	H	0	H
79	Dhando Wal	H	H	0	0	H	0	H
80	Dhangdev Pur	H	H	0	0	H	L	H
81	Dhangroli	H	H	0	0	H	0	H
82	Dinga Amb	H	H	0	0	H	0	H
83	Dohlian Jattan	H	H	0	0	H	H	H
84	Feru Chak	H	H	0	0	H	L	H
85	Gangu Chak	H	H	0	0	H	L	H
86	Ganjnal	H	H	0	0	H	L	H
87	Gara	H	H	0	0	H	L	H
88	Gehr	H	H	0	0	H	M	H
89	Gota Ruha	H	H	0	0	H	M	H
90	Gudiyal	H	H	0	0	H	M	H
91	Gurah Baildaran	H	H	0	0	H	0	H
92	Gurah Balu	H	H	0	0	H	0	H
93	Gurah Mehtian	H	H	0	0	H	0	H
94	Gurah Mondian	H	H	0	0	H	0	H
95	Gurah Sarkari	H	H	0	0	H	0	H
96	Gurah Suraj	H	H	0	0	H	0	H
97	Hamirpur	H	H	0	0	H	0	H
98	Hari Pur Sainiyan	H	H	0	0	H	M	H
99	Haripur Bhahmana	H	H	0	0	H	M	H
100	Hiranagar	H	H	0	0	H	L	H
101	Hor	H	H	0	0	H	H	H
102	Jandi	H	H	0	0	H	M	H
103	Jhajartha (Jhajarth)	H	H	0	0	H	0	H
104	Jugial	H	H	0	0	H	L	H
105	Kadiyal	H	H	0	0	H	L	H
106	Kannah	H	H	0	0	H	H	H
107	Karandi Kalan	H	H	0	0	H	L	H
108	Karandi Khurd	H	H	0	0	H	L	H
109	Kariyara	H	H	0	0	H	L	H
110	Karwal	H	H	0	0	H	M	H
111	Katal Brahmanan	H	H	0	0	H	M	H
112	Katal Gujran	H	H	0	0	H	M	H
113	Katli	H	H	0	0	H	0	H
114	Khan Pur	H	H	0	0	H	M	H
115	Khanak	H	H	0	0	H	H	H
116	Khandwal	H	H	0	0	H	H	H
117	Khanwal	H	H	0	0	H	M	H

118	Khatriyal	H	H	0	0	H	M	H
119	Khurar	H	H	0	0	H	M	H
120	Kishan Pur Kandi	H	H	0	0	H	0	H
121	Kishanpur Andhar	H	H	0	0	H	M	H
122	Koohtah	H	H	0	0	H	0	H
123	Koper	H	H	0	0	H	0	H
124	Kore Punoo	H	H	0	0	H	H	H
125	Kore Qasba	H	H	0	0	H	M	H
126	Krohl Buddu	H	H	0	0	H	M	H
127	Krohl Krishna	H	H	0	0	H	M	H
128	Krohl Matherian	H	H	0	0	H	M	H
129	Kunthal	H	H	0	0	H	L	H
130	Lachhmi Pur	H	H	0	0	H	0	H
131	Ladhwal Kalan	H	H	0	0	H	L	H
132	Ladhwal Khurd	H	H	0	0	H	L	H
133	Ladwal	H	H	0	0	H	L	H
134	Ladwal	H	H	0	0	H	L	H
135	kangriyal	H	H	0	0	H	0	H
136	Loundhi	H	H	0	0	H	H	H
137	Mada	H	H	0	0	H	H	H
138	Maharaj Pur	H	H	0	0	H	H	H
139	Maila	H	H	0	0	H	0	H
140	Malwan	H	H	0	0	H	0	H
141	Mandleyal	H	H	0	0	H	0	H
142	Mangloor	H	H	0	0	H	0	H
143	Maniari	H	H	0	0	H	H	H
144	Marhin	H	H	0	0	H	H	H
145	Masta Chak	H	H	0	0	H	H	H
146	Mathra Chak	H	H	0	0	H	H	H
147	Mukund Pur	H	H	0	0	H	H	H
148	Mukundpur Labanian	H	H	0	0	H	M	H
149	Murli Chak	H	H	0	0	H	H	H
150	Muthi Hardo Dunga (Muthi Hardo Donga)	H	H	0	0	H	L	H
151	Muthi Hardu	H	H	0	0	H	L	H
152	Naun Chak	H	H	0	0	H	H	H
153	Nihal Pora	H	H	0	0	H	L	H
154	Padal	H	H	0	0	H	L	H
155	Pahar Pur	H	H	0	0	H	H	H
156	Panj Grain Brahmanan	H	H	0	0	H	M	H
157	Pansar	H	H	0	0	H	H	H
158	Pantal	H	H	0	0	H	M	H
159	Parkh Wal	H	H	0	0	H	L	H
160	Parso Chak	H	H	0	0	H	0	H
161	Partyal	H	H	0	0	H	L	H
162	Pathwal	H	H	0	0	H	0	H

163	Patta Rasana	H	H	0	0	H	0	H
164	Qasba	H	H	0	0	H	0	H
165	Rakh Sarkar Hiranagar	H	H	0	0	H	L	H
166	Rakh Sarkar Ladwal	H	H	0	0	H	M	H
167	Ram Pur	H	H	0	0	H	M	H
168	Ramgarh	H	H	0	0	H	M	H
169	Rathua	H	H	0	0	H	H	H
170	Rattan Chak	H	H	0	0	H	H	H
171	Rughnath Pora	H	H	0	0	H	L	H
172	Sahllan	H	H	0	0	H	0	H
173	Said	H	H	0	0	H	0	H
174	Salal Pur	H	H	0	0	H	H	H
175	Sande Chak	H	H	0	0	H	H	H
176	Saniyal	H	H	0	0	H	M	H
177	Sanjwan	H	H	0	0	H	L	H
178	Sehswan	H	H	0	0	H	0	H
179	Sherpur Bala (Shetpur Bala)	H	H	0	0	H	H	H
180	Sherpur Pain	H	H	0	0	H	H	H
181	Sohaal	H	H	0	0	H	H	H
182	Spalwan	H	H	0	0	H	H	H
183	Spral Pain	H	H	0	0	H	H	H
184	Spreen	H	H	0	0	H	L	H
185	Stoora	H	H	0	0	H	0	H
186	Suba Chak	H	H	0	0	H	M	H
187	Sukhdev Pur	H	H	0	0	H	M	H
188	Sultan Pur	H	H	0	0	H	H	H
189	Thaka Pur Raj Putan	H	H	0	0	H	L	H
190	Thakur Pur Grore	H	H	0	0	H	L	H
191	Thath	H	H	0	0	H	L	H
192	Thiraru(Kharroh)	H	H	0	0	H	L	H
193	Thuthi Chak	H	H	0	0	H	L	H
194	Wand Man Has	H	H	0	0	H	L	H
195	Wazire Chak	H	H	0	0	H	M	H



**Tehsil Kathua**

S.No	Village Name	Earth quake	Flood	Landslide	Avalanches	Drought	Cross border firing
		<u>H/M/L/O</u>	<u>H/M/L/O</u>	<u>H/M/L/O</u>	<u>H/M/L/O</u>	<u>H/M/L/O</u>	<u>H/M/L/O</u>
1	Air Wan	H	H	0	0	H	0
2	Amargarh	H	H	0	0	H	0
3	And Rot	H	H	0	0	H	0
4	Badalha	H	H	0	0	H	0
5	Badloli	H	H	0	0	H	0
6	Bagial	H	H	0	0	H	0
7	Bandrahr	H	H	0	0	H	0
8	Barmora	H	H	0	0	H	0
9	Barni	H	H	0	0	H	0
10	Baroi	H	H	0	0	H	0
11	Barthindi	H	H	0	0	H	0
12	Barwal	H	H	0	0	H	0
13	Basant Pur	H	H	0	0	H	0
14	Bauhra	H	H	0	0	H	0
15	Bhadi Yari	H	H	0	0	H	0
16	Bhagt Hali	H	H	0	0	H	0
17	Bhakhrial	H	H	0	0	H	0
18	Bharariyal	H	H	0	0	H	0
19	Bharrah	H	H	0	0	H	0
20	Bharthiyal	H	H	0	0	H	0
21	Bhatoli	H	H	0	0	H	0
22	Bhed Blore	H	H	0	0	H	0
23	Bhorthain	H	H	0	0	H	0
24	Bhugat	H	H	0	0	H	0
25	Bigwan	H	H	0	0	H	0
26	Bijjat	H	H	0	0	H	0
27	Brohandahi	H	H	0	0	H	0
28	Budhi	H	H	0	0	H	0
29	Chak Aidal	H	H	0	0	H	0
30	Chak Bhaga	H	H	0	0	H	0
31	Chak Bhagta	H	H	0	0	H	0
32	Chak Charuhn	H	H	0	0	H	0
33	Chak Devia	H	H	0	0	H	0
34	Chak Diwan Kripa Ram (OG) – Ward No.21	H	H	0	0	H	0
35	Chak Drab Khan	H	H	0	0	H	0
36	Chak Gadadhar	H	H	0	0	H	0
37	Chak Gainda (OG) - Ward No.22	H	H	0	0	H	0

38	Chak Gokal	H	H	0	0	H	0
39	Chak Gota	H	H	0	0	H	0
40	Chak Gusaun	H	H	0	0	H	0
41	Chak Hari Singh (OG) - Ward No.19	H	H	0	0	H	0
42	Chak Khuni (OG) - Ward No.18	H	H	0	0	H	0
43	Chak Lachhaman	H	H	0	0	H	0
44	Chak Luden	H	H	0	0	H	0
45	Chak Mansabdar	H	H	0	0	H	0
46	Chak Nanak	H	H	0	0	H	0
47	Chak Partap Singh (OG) - Ward No.20	H	H	0	0	H	0
48	Chak Poorab	H	H	0	0	H	0
49	Chak Ram Singh (OG) - Ward No.16	H	H	0	0	H	0
50	Chak Ramchand	H	H	0	0	H	0
51	Chak Rigu(Chak Riju)(Adhok Riju)	H	H	0	0	H	0
52	Chak Sajjan	H	H	0	0	H	0
53	Chak Sardar Desa Singh	H	H	0	0	H	0
54	Chak Shehzada	H	H	0	0	H	0
55	Chak Sheikhan (OG) - Ward No.15	H	H	0	0	H	0
56	Chak Sohna Nupa (OG) - Ward No.24	H	H	0	0	H	0
57	Chak Sujanpur (Chak Suyanpur)	H	H	0	0	H	0
58	Changrah	H	H	0	0	H	0
59	Chhajiyal	H	H	0	0	H	0
60	Chhatiyal(Chatiyal)	H	H	0	0	H	0
61	Dabwal	H	H	0	0	H	0
62	Dadoli	H	H	0	0	H	0
63	Dakhnaka( Dakhnake)	H	H	0	0	H	0
64	Danna	H	H	0	0	H	0
65	Daral	H	H	0	0	H	0
66	Dhanore	H	H	0	0	H	0
67	Dhar Mori	H	H	0	0	H	0
68	Dilwan(Dilwen)	H	H	0	0	H	0

69	Domar	H	H	0	0	H	0
70	Drallan	H	H	0	0	H	0
71	Dukhat	H	H	0	0	H	0
72	Fafal	H	H	0	0	H	0
73	Falote	H	H	0	0	H	0
74	Forest Block	H	H	0	0	H	0
75	Forlain	H	H	0	0	H	0
76	Gandial	H	H	0	0	H	0
77	Gehtar Wan	H	H	0	0	H	0
78	Gharti	H	H	0	0	H	0
79	Govind Sar (OG) - Ward No.17						
		H	H	0	0	H	0
80	Gownd	H	H	0	0	H	0
81	Hatli	H	H	0	0	H	0
82	Hote	H	H	0	0	H	0
83	Jagat Pur	H	H	0	0	H	0
84	Jakhale (Jak Hole)	H	H	0	0	H	0
85	Jakhbar	H	H	0	0	H	0
86	Jamal Pur	H	H	0	0	H	0
87	Jamraal	H	H	0	0	H	0
88	Jandore	H	H	0	0	H	0
89	Jandore	H	H	0	0	H	0
90	Janglote	H	H	0	0	H	0
91	Jawala Pur	H	H	0	0	H	0
92	Jhumber Mahtaba	H	H	0	0	H	0
93	Jrai	H	H	0	0	H	0
94	Jugian	H	H	0	0	H	0
95	Juthana	H	H	0	0	H	0
96	Kadyar( Kadyer)	H	H	0	0	H	0
97	Kalna	H	H	0	0	H	0
98	Kalspur	H	H	0	0	H	0
99	Kangriyal	H	H	0	0	H	0
100	Kangriyal	H	H	0	0	H	0
101	Kanora	H	H	0	0	H	0
102	Karroh	H	H	0	0	H	0
103	Kasori	H	H	0	0	H	0
104	Kathera	H	H	0	0	H	0
105	Katlehr	H	H	0	0	H	0
106	Keerian	H	H	0	0	H	0
107	Kehnta	H	H	0	0	H	0
108	Khani Yara	H	H	0	0	H	0
109	Kharot	H	H	0	0	H	0
110	Khukhiyal	H	H	0	0	H	0
111	Kirpaal	H	H	0	0	H	0
112	Kothi Jagir	H	H	0	0	H	0
113	Kumala	H	H	0	0	H	0
114	Lakh Note	H	H	0	0	H	0
115	Logate	H	H	0	0	H	0
116	Maha	H	H	0	0	H	0
117	Mahi Chak	H	H	0	0	H	0

118	Majra	H	H	0	0	H	0
119	Makhsoos Pur	H	H	0	0	H	0
120	Mangota	H	H	0	0	H	0
121	Manjli	H	H	0	0	H	0
122	Maroli	H	H	0	0	H	0
123	Matandi	H	H	0	0	H	0
124	Matore	H	H	0	0	H	0
125	Mehtab Pur	H	H	0	0	H	0
126	Merth	H	H	0	0	H	0
127	Mir Pur Jagoo	H	H	0	0	H	0
128	Mirpur Ram	H	H	0	0	H	0
129	Muthi Jagir	H	H	0	0	H	0
130	Muthi Khurd	H	H	0	0	H	0
131	Muthi Rakh Walan	H	H	0	0	H	0
132	Nagrota	H	H	0	0	H	0
133	Nanan	H	H	0	0	H	0
134	Nangal	H	H	0	0	H	0
135	Narain Pur	H	H	0	0	H	0
136	Narolin	H	H	0	0	H	0
137	Narroha	H	H	0	0	H	0
138	Nera	H	H	0	0	H	0
139	Nihal Pura	H	H	0	0	H	0
140	Nonaal	H	H	0	0	H	0
141	Palli	H	H	0	0	H	0
142	Pamwal	H	H	0	0	H	0
143	Pandori	H	H	0	0	H	0
144	Pidri Bala	H	H	0	0	H	0
145	Pidri Pain	H	H	0	0	H	0
146	Pitho Bala	H	H	0	0	H	0
147	Pitho Pain	H	H	0	0	H	0
148	Rajiani	H	H	0	0	H	0
149	Rakh Hushiari	H	H	0	0	H	0
150	Rakh Jahfar	H	H	0	0	H	0
151	Rakh Lachipura	H	H	0	0	H	0
152	Rakh Sarkar Palahi (OG) - Ward No.23	H	H	0	0	H	0
153	Rakheh	H	H	0	0	H	0
154	Ramnagar	H	H	0	0	H	0
155	Rasooh	H	H	0	0	H	0
156	Rer	H	H	0	0	H	0
157	Sahaar	H	H	0	0	H	0
158	Saiper Sipla	H	H	0	0	H	0
159	Sanghan	H	H	0	0	H	0
160	Saniyari	H	H	0	0	H	0
161	Sawla	H	H	0	0	H	0
162	Sher Pur	H	H	0	0	H	0
163	Sher Tambar	H	H	0	0	H	0
164	Sherkotla	H	H	0	0	H	0
165	Syed Pore	H	H	0	0	H	0

166	Tarf Manjali (OG) - Ward No.14						
		H	H	0	0	H	0
167	Tarf Bajwal	H	H	0	0	H	0
168	Tarf Bala	H	H	0	0	H	0
169	Tarf Pain	H	H	0	0	H	0
170	Tarf Sanji	H	H	0	0	H	0
171	Tarf Tajwal	H	H	0	0	H	0
172	TarraH	H	H	0	0	H	0
173	Thandoon	H	H	0	0	H	0
174	Thein	H	H	0	0	H	0
175	Tridwan	H	H	0	0	H	0
176	Trihara	H	H	0	0	H	0
177	Uttri	H	H	0	0	H	0

## **5. DISTRICT DISASTER MANAGEMENT PLAN UNIT (DDMP)**

At district level a Disaster management Cell will be headed by Deputy Commissioner, fully equipped disaster response system down to the level of community has been established. The proposed decentralized 3 tier disaster response system is as follows:

### **District Disaster Management Committee**

As per SRO 138 of J&K Govt., the DDM Authority comprises of :-

1. Deputy Commissioner:	Chairperson
2. ADC :	Chief Executive Officer
3. SSP	Member
4. CMO	Member
5. SE / XENPWD (R&B)/PDD/I&FC PHE/REW	Member
6. AD CAPD	Member
7. RTO	Member
8. CEO	Member
9. DSWO	Member
10. District Fire officer	Member
11. DFO	Member
12. EO, Municipal Council	Member

All the above DDMC members shall strictly follow their jobs and responsibilities as mentioned in against their columns.

### **Tehsil Level Committee**

1. SDM/ Tehsildars	Chairmain
2. BMO	Co-ordinator
3. SDPO/SHO	Member
4. BDO	Member
5. Executive Officer MC	Member
6. ZEO	Member
7. AEE PWD, PHE, PDD	member
8. TSO	Member

### **RESPONSIBILITIES OF THE COMMITTEES**

- To educate the public on different flood and other man-made or natural hazards
- What protective steps should be taken to minimise impact of disasters
- To make arrangements for emergency action
- To effect evacuation from the affected villages when necessary
- Rescue and Rehabilitation
- Post disaster action and review

### **Community Based Disaster Response System (CDRM)**

1. Senior Most Local Teacher
2. Medical Officer/ Para Medical Staff/ ASHA (concerned area)
3. Incharge Police post/ Police personnel
4. JE/WS/ Helpers/Gang Coolies etc of PWD, PHE, PDD
5. Nehru Yuva Kendra (NYK) Volunteers
6. Patwari / VLW/Anganwari workers
7. VDC
8. Forest Guard/ Helper/Watcher
9. 100 Volunteers drawn from schools / Village
10. NCC, NSS, Scouts & guides etc
11. Lambardar
12. Village Guard

**The Role and responsibility and sources available with the Departments to come instantly at the rescue of the people:**

#### **ABSTRACT:**

<u>Name Of Department</u>	<u>Resources Available with the Department</u>
<b>PUBLIC HEALTH ENGINEERING</b>	Main Power: 603, Dug Wells : 52 Tube Wells :102 Water tanks 12
<b>POLICE</b>	Manpower 800 persons, Trucks= 4, Buses = 3, Ruby = 3, Gypsy = 1, Ambulance = 1, Tata 407 = 3 Stores Items: Shamyana = 1 Complete Set, Blankets = 50, Torches = 5
<b>AGRICULTURE</b>	Manpower = 255 Vehicle available = 3
<b>ANIMAL HUSBANDRY:</b>	No. of VAS: 24 No. of ParaVet Staff: 98 Other Staff: 126 Mini Truck: 01 Gypsy/Jeep: 02
<b>SHEEP HUSBANDRY:</b>	No. of Veterinarian: 4 No. of ParaVet Staff: 60 Other Staff: 119 Sheep Ext.Centres: 56
<b>IRRIGATION &amp; FLOOD CONTROL</b>	Manpower: 231 Vehicle: 2

<b>DEPARTMENT OF INFORMATION</b>	PSA System, loudspeaker, & One Projector
<b>HEALTH AND MEDICAL SERVICES</b>	DH : 01, SDH: 04 PHC : 25, A/D :11, Ayur/D :51, Su centres:137, Ambulances= 22, Doctors (A/P) = 158, Para Medical Staff (A = 343, BAMS Doctors=36, Paramedical Staff ISM= 42, ASHA workers = 580
<b>TRANSPORT</b>	Manpower: 5326 School Buildings: 1002 Vehicle: One Gypsy
<b>URBAN DEVELOPMENT &amp; HOUSING/ MUNICIPALITIES</b>	JCB =1, Tractors= 2, Autos = 6, Tipper =3, Manpower =148
<b>FIRE AND EMERGENCY SERVICES</b>	Fire Fighting personnel : 32 Fire Vehicles: 3 (2 district level and one at tehsil Hiranagar)
<b>SOCIAL WELFARE (ICDS)</b>	Manpower: 1574 Vehicle available: 4 No. of Anganwari Centres; 1482
<b>DEPARTMENT OF PUBLIC WORKS</b>	Manpower: 289 Truck= 8, Road Roller= 22, Shovell:( BE- 220 Le)=One, Dozzer=2, Tipper=One, Air Compressor=One., Gypsy=3
<b>DEPARTMENT OF PDD</b>	Manpower: 432 Vehicle available: 2 trucks, Gypsy= 1, pickup vans = 2, Standby Transformers= 100
<b>FOREST DEPARTMENT</b>	Manpower = 640, Truck= 1, Gypy/Jeeps = 4
<b>DEPARTMENT OF CAPD</b>	Food Store At District & Tehsil level with capacity of 16,000 Qtls(Food Store Kathua Capacity of 5000 qtls, Hgr. 3000 qtls, Billawar 3000 qtls, Basho 3000 qtls & Bani 2000 qtls.)
<b>RED CROSS SOCIETY</b>	Ex/Committee : 15 Life Members : 14 QRT(Indoor) : 07 QRT(Outdoor) : 10 Life/Associates : 34
<b>CIVIL DEFFENCE</b>	Warden = 29, Active Volunteers = 65, Total Trained CD Volunteers=2093, Siren=1, Ambulance/Gypsy=1, Red Blankets=45, Strachers = 12, Shovel=20, Pic axex=30, Fireman axeses=10, Crow bars=20, Helmets=20



## 5.1 Department of Public Health Engineering

- Prior arrangement of water tankers and other means of distribution and storage of water to the disaster effected areas.
- Provision of safe water to all habitats
- Prior arrangement of stand-by generators.v Adequate prior arrangements to provide water and halogen tablets at identified sites to used as relief camps or in areas with high probability to be affected by natural calamities.
- Raising of tube-well platforms, improvement in sanitation structures and other infrastructural measures to ensure
- Arrangement and distribution of emergency tool kits for equipments required fordismantling and assembling tubewells, etc.
- Disinfections and continuous monitoring of water bodies
- Carrying out emergency repairs of damaged water supply systems.
- Disinfection of hand pumps to be done by the communities through prior awareness activities & supply of inputs.
- least damages during future disasters.
- Clearance of drains and sewerage systems, particularly in the urban areas
- Riser pipes to be given to villagers
- Training to staff.
- Development of checklists and contingency plans.
- Strengthening of infrastructure.
- Review and documentation

### **Resources available with them:**

Main Power: 603

Dug Wells : 52

Tube Wells :102

Water tanks 12

**Contact Person: S.E. Hyd, Kathua and Executive Engineer, PHE**

## 5.2 District Police

### Prevention Activities

- Keep the force fit for search, rescue, evacuation and other emergency operations at all times through regular drills.
- **Providing information on time, to the people about the danger Calamity**
- **To maintain communal harmony in riots**
- **To provide protection to the public property in general and Govt. property in particular**
- Procurement and deployment of modern emergency equipments while modernizing existing infrastructure and equipments for disaster response along with regular training and drills for effective handling of these equipments
- Focus on better training and equipments for all types of disasters
- Ensure that all communication equipments including wireless are regularly functioning and deployment of extra wireless units in vulnerable pockets.
- Involvement of the local army units/ other Belt forces in response planning activities and during the preparation of the annual contingency plans to ensure logistics and other support to armed forces during emergencies.
- **To mitigate the above disasters by having systems in place to minimize the loss of life and damage of property**

### Response Plan:

- Security arrangements for relief materials in transit and in camps
- Deploy personnel to guard vulnerable embankments and at other risk points.
- Arrangement for the safety
- Coordinate search, rescue and evacuation operations in coordination with the administration
- Emergency traffic management
- Maintenance of law and order in the affected areas. Assist administration in taking necessary action against hoarders, black marketers etc.
- To check for wireless sets availability with the concerned VDC members.
- **Have an effective response time so that relief and rescue is conducted immediately**

### Resources available with them:

Manpower 800 persons, Trucks= 4, Buses = 3, Ruby = 3, Gypsy = 1,

Ambulance = 1, Tata 407 = 3

Stores Items: Shamyana = 1 Complete Set, Blankets = 50, Torches = 5

### 5.2.1 Defence:

- Organise training programmes on first-aid, search, rescue and evacuation and preparation and implementation of first aid, search and rescue service plans for major public events in the district.
- Triage of casualties and provision of first aid and treatment
- Remain fit and prepared through regular drills and exercises at all times.
- Act as support agency for movement of relief Help the Police for traffic management and law and order

### Resources available with them

Warden = 29, Active Volunteers = 65, Total Trained CD Volunteers=2093, Siren=1,

Ambulance/Gypsy=1, Red Blankets=45, Strachers = 12, Shovel=20, Pick, axes=30, Fireman

axeses=10, Crow bars=20, Helmets=20

### 5.3 Department of Agriculture

#### **Agriculture:**

Agriculture is most effected sector of economy during a disaster like flood and provides much support in rescue work as it fulfils the primary requirement for food as well as raw material for industries. While preparing disaster management plan it becomes necessary to examine the land use pattern and its changes, man-land ratio, cropping pattern and intensity, major crops productivity and surplus production

- Review and update precautionary measures and procedures and especially ascertain that adequate stock of seeds and other agro inputs are available in areas prone to natural calamities
- Management of control activities following crop damage, pest infestation and crop disease to minimise losses
- Pre-positioning of seeds and other agro inputs in strategic points so that stocks are readily available to replace damage caused by natural calamities
- Awareness generation regarding various plant diseases, alternate cropping practices in disaster-prone areas, Crop Insurance provision of credit facilities, proper storage of seeds, etc
- Hazard area mapping (identification of areas endemic to pest infections, drought, flood, and other hazards).
- Develop database village-wise, cropwise, irrigation source wise, insurance details, credit facilities, etc.
- Detail response manuals to be drawn up for advising the farmers for different types of disasters, e.g., rain failure in July or September & development of a dynamic response plan taking into account weekly rainfall patterns.
- Promotion of alternative crop species and cropping patterns keeping in mind the vulnerability of areas to specific hazards
- Training in alternative cropping techniques, mixed cropping and other agricultural practices which will minimize crop losses during future disasters
- v Establishment of a larger network of soil and water testing laboratories.
- Establishment of pests and disease monitoring system.
- Promotion of drought and flood tolerant seed varieties

Resources available with them:

Manpower = 255

Vehicle available = 3

## **Animal/ Sheep Husbandry:**

During disasters it is not only the human beings but also the livestock who are effected.

### **Preparedness activities before disaster**

- Eradication and control of animal diseases, treatment of injured animals ~ Protection of abandoned and lost cattle.
- Supply of medicines and fodder to affected areas.
- Ensure adequate availability of personnel and mobile team.
- Disposal of carcasses ensuring proper sanitation to avoid outbreak of epidemics
- Establishment of public information centre with a means of communication, to assist in providing an organised source of information
- Mobilising community participation for carcass disposal

### **Preventive Activities**

- Stock piling of water, fodder and animal feed.
- Pre-arrangements for tie-up with fodder supply units.
- Stock-piling of surgical packets.
- Construction of mounds for safe shelter of animals.
- Identification of various water sources to be used by animals in case of prolonged hot and dry spells.
- Training of volunteers & creation of local units for carcass disposal.
- Municipalities/Gram Panchayats/ BDOs/ NGOs/ local Volunteers to be given responsibility for removing
- animals likely to become health hazards

### **Recovery Activities:**

- Assess losses of animals assets and needs of persons and communities.
- Play a facilitating role for early approval of soft loans for buying animals and v ensuring insurance coverage and disasterproof housing or alternative shelters/ mounds for animals for future emergencies.
- Establishment of animal disease surveillance system.

#### **Sheep Husbandry:**

Resources available

No. of Veterinarian: 4

No. of ParaVet Staff: 60

Other Staff: 119

Sheep Ext.Centres: 56

#### **Animal Husbandry:**

Resources available

No. of VAS: 24

No. of ParaVet Staff: 98

Other Staff: 126

Mini Truck: 01

Gypsy/Jeep: 02

## 5.4 Department of Irrigation & Flood Control

### Prevention Activities:

- Assess preparedness level
- Annual assessment of danger levels & wide publicity of those levels
- Identify flood prone rivers and areas and activate flood monitoring mechanisms
- Provide water level gauge at critical points along the rivers, dams and tanks
- Identify and maintain of materials/tool kits required for emergency response  
Stockpile of sand bags and other necessary items for breach closure at the Panchayat level
- 

### Response Activities:

- · Monitoring flood situation
- · Dissemination of flood warning
- · Ensure accurate dissemination of warning messages naming GPs & Taluk with details of flow & likely damage
- · Monitoring and protection of irrigation infrastructures
- · Inspection of bunds of dams, irrigation channels, bridges, culverts, control gates and overflow channels,
- · Inspection and repair of pumps, generator, motor equipments, station buildings ·  
Community mobilisation in breach closure
- 

### Recovery Activities:

- · Strengthening of infrastructure and human resources
- · Review and documentation
- · Sharing of experiences and lessons learnt
- · Training of staff
- · Development of checklists and contingency plans

Resources available

Manpower: 231

Vehicle: 2

## 5.5 Department of Information

- Creation of public awareness regarding various types of disasters through media campaigns.
- Regular liasioning with the media.
- Setting up of a control room to provide authentic information to public regarding impending emergencies.
- Daily press briefings at fixed times at state & district levels to provide official version
- Media report & feedback to field officials on a daily basis
- Keep the public informed about various post-disaster assistances and recovery programmes.

### List of Print and Electronic Media Persons

S. No.	Name of the correspondent	Name of the paper	Telephone No.
1	Sh. Zafran Dutt	Indian Express	236428/9906336364
2	Sh. Madan Magotra	Excelsior	235629/9419611414
3	Sh. Pardeep Sharma	Air , DD	9419150733
4	Sh. Sanjay Pathak	Amar Ujalla	35033Fax/9419150825-9796210799
5	Sh. Rakesh Sharma	Danik Jagran	232367-68/9419119748
6	Sh. Kuldeep Sharma	Punjab Kesari	236600/9797356359
7	Sh. Joginder Sharma	State Times	238689/9419150170
8	Sh. M. R. Mahajan	Punjab Kesari	234848/9419210101
9	Sh Manuj Kessar	Punjab Kesari /KT	9419109234
10	Sh. Ravinder Salathia	Prop. JK take-1 Media	9898094545
11	S.Kamaljit Singh	Kathua Today	9419151721
12	Sh Sandeep Singh	JK-Take-I Meadia	9419150605
13	Sh Sumir Gupta	Kathua Satellite Media	9419154910
14	Shri Raj Kumar Raja	Photographer(pb.kesari)	9419151657
15	Sh Mohan Sharma	Photographer(AmarUjala)	9419150310
16	Sh Pankaj Mishra	Photographer(Danik jagran)	9419377577
17	S. Harjinder Singh	Amar Ujala	9906093750,9419159234
18	Sh. Arun Thappa	Take-I TV	9906168006
19	Sh Sudershan Bhargav	Take-I Media, kathua Hal Chal	9419150543
20	Sh Kuldeep Choudhary	JK, Jammu	9419811115
21	Sh Gopal Bonyari	Kathua Times Urdu	9419150001
22	Sh S.L. Sabharbal	Taskeen Urdu	
23	Sh Kauj Sharma	Kathua satellite Media	9797438968
24	Sh Parbhu Dayal	Kattu Satya	9898006735
25	Sh Rajesh Sharma	Kashmir Times	9419150180
26	Sh Rakesh sambyal	Danik Jagran	9018065499
27	S. Gurpreet Singh.	Amar Ujala.	94196-25371

**Resources available with them: PSA System, loudspeaker, projector**

## 5.6 Department of Health and Medical Services

### Prevention Activities

- Assess preparedness levels at District, Block and Community levels
- Identification of areas endemic to epidemics and natural disasters.
- Developing a network of volunteers for blood donation with blood grouping data
- Formation of adequate number of mobile units with trained personnel, testing facilities, communication systems and emergency treatment facilities
- Identification of locations in probable disaster sites for emergency operation camps.
- Awareness generation about various infectious diseases and their prevention
- Training of field personnel, Traditional Birth Attendants, community leaders, volunteers, NGOs and CBOs in first aid, measures to be taken to control outbreak of epidemics during and after a disaster etc.
- Arrangement of standby generators for every hospitals

### Response activities:

- Stock piling of life-saving drugs, detoxicants, anaesthesia, Halogen tablets in vulnerable areas.
- .Situational assessment and reviewing the status of response mechanisms in known
- vulnerable pockets.
- Ensure adequate availability of personnel in disaster sites.
- Immunization against infectious diseases
- Identification of appropriate locations and setting up of site operation camps for combating epidemics
- Promoting and strengthening Primary Health Centres with network of paraprofessionals
- to improve the capacity of surveillance and control of epidemics

### Recovery Activities

- Continuation of disease surveillance and monitoring.
- Continuation of treatment, monitoring and other epidemic control activities till the situation is brought under control and the epidemic eradicated.
- Treatment and socio-medical rehabilitation of injured or disabled persons.
- Immunisation and nutritional surveillance.
- Long term plans to progressively reduce various factors that contribute to high level
- of vulnerability to diseases of population affected by disasters.

### Resources available with them

DH : 01, SDH: 04

PHC : 25, A/D :11, Ayur/D :51, Sub-centres:137, Ambulances= 22,

Doctors (A/P) = 158, Para Medical Staff (A/P) = 343, BAMS Doctors=36,

Paramedical Staff ISM= 42, ASHA workers = 580

**Contact Person: Chief Medical Officer**

## 5.7 Department of Transport

- Listing of vehicles which can be used for emergency operation.
- Ensuring vehicles follow accepted safety standards Build awareness on road safety and traffic rules through awareness campaign, use of different IEC strategies and training to
  - school children.
- Requisition vehicles, trucks, and other means of transport to help in the emergency operations
- Support in search, rescue and first aid.

### **Resources available with them:**

Manpower: 16

Buses : 79

Mini Buses : 532

Truck/Tipper : 1076

T/Wheelers/Load

Carriers : 852

Tractors : 2140

**Contact Person: Regional Transport Officer, Officer**

## 5.8 Department of Education

Education Department can play a significant role in disaster management and research/innovation which includes (a) knowledge (b) skills (c) resources (d) motivation and (e) attitude in an integrated manner for professional development, governance and community. Models need to be developed as per regional/indigenous requirements rather than importing from elsewhere.

Various training networks like the master-trainers of National Green Corps (NGC), National Service Scheme (NSS), NCC and Eco-clubs, besides training institutions for rural development, forestry, watershed, agriculture, disaster management, environment, safety, at state, district and local levels have to be integrated by developing an inventory of the network and launching an organised mission of knowledge propagation through the channel of master trainers and management. Modules must be developed with regionspecific challenges and strategies and adapted to the need of the time.

Prepare a list of all the Educational institutions (Village wise) in the district alongwith infrastructure details (i.e. No. of rooms available in the institution, bathroom etc) which will help in preparing the evacuation plan.

Prepare a database of all the staff posted in different educational institutions which will help in preparing Community Level Disaster Committees.

Resources available

Manpower: 5326

School Buildings: 1002

Vehicle: One Gypsy.



## 5.9 Department of Urban Development and Housing/ Municipalities

- Providing Basic Urban services of viz. Sanitation & Conservation, potable water, Street lighting, Disposal of carcasses, Shelter and lodging facilities. Providing of Civic amenities viz. Parks and gardens, Community Assets viz. footpath, drain, retaining wall
- **Zonation of affected areas and estimates of the total loss** to buildings (by building type and damage grade) in urban and rural areas.
- Preparation of Technical **Visual Damage Identification Guide** for the Field Assessment of Damage
- Development of a **Technology Package for Repair and Reconstruction** of damaged buildings
- **Identification of priority areas** for intervention in the short and medium term, using local, State and Central Government and other donor assistance

**Resources available with them: JCB =1, Tractors= 2, Autos = 6, Tipper =3, Manpower =148**

## 5.10 Fire and Emergency Services

### Prevention Activities:

- Identification of pockets, industry , etc.which highly susceptible to fire accidents or areas, events which might lead to fires, building collapse, etc. and educate people to adopt safety measures. Conduct training and drills to ensure higher level of prevention and preparedness.
- Training the communities to handle fire emergencies more effectively.
- VHF network for fire services linked with revenue & police networks
- Modernisation of fire-fighting equipments and strengthening infrastructure

### Response Activities:

- Rescue of persons trapped in burning, collapsed or damaged buildings, damaged vehicles, including motor vehicles, trains , industries, boilers and pressure vessels etc
- Control of fires and minimising damages due to explosions
- Control of other dangerous or hazardous situations such as oil, gas and hazardous materials spill.
- Protection of property and the environment from fire damage.
- Support to other agencies in the response to emergencies.
- Investigation into the causes of fire

Resources available with them:

Fire Fighting personnel : 32

Fire Vehicles: 3 (2 district level and one at tehsil Hiranagar)

## 5.11 Department of Social Welfare (ICDS)

Social Welfare Department can play a significant role in disaster management and research/innovation which includes (a) knowledge (b) skills (c) resources (d) motivation and (e) attitude in an integrated manner for professional development, governance and community. Models need to be developed as per regional/indigenous requirements rather than importing from elsewhere.

Prepare a list of all the Anganwari Centres (Village wise) in the district alongwith infrastructure details (i.e. No. of rooms available in the centres, bathroom etc) which will help in preparing the evacuation plan.

Prepare a database of all the staff posted in different Anganwari centres which will help in preparing Community Level Disaster Committees.

Resources available with them:

Manpower: 1574

Vehicle available: 4

No. of Anganwari Centres; 1482

## 5.12 Department of Public Works

### Prevention Activities :

- Keep a list of earth moving and clearing vehicles / equipments (available with Govt. Departments, PSUs, and private contractors, etc.) and formulate a plan to mobilise those at the earliest.
- Inspection and emergency repair of roads/ bridges, public utilities and buildings.

### Response Activities

- Clearing of roads and establish connectivity. Restore roads, bridges and where necessary make alternate arrangements to open the roads to traffic at the earliest.
- Mobilisation of community assistance for clearing blocked roads.
- Facilitate movement of heavy vehicles carrying equipments and materials.
- Identification and notification of alternative routes to strategic locations.
- Filling of ditches, disposal of debris, and cutting of uprooted trees along the road.

### Resources available with them:

Manpower: 289

Truck= 8,Road Roller= 22,Shovell:( BE-220 Le)=One,Dozzer=2,Tipper=One,Air

Compressor=One.,Gypsy=3

### 5.13 Department of PDD

- Identification of materials/tool kits required for emergency response
- Ensure and educate the minimum safety standards to be adopted for electrical installation and equipments and organize training of electricians accordingly.
- Develop and administer regulations to ensure safety of electrical accessories and electrical installations.
- Train and have a contingency plan to ensure early electricity supply to essential services during emergencies and restoration of electric supply at an early date.
- Strengthen high-tension cable towers to withstand high wind speed, flooding and earthquake, modernise electric installation, strengthen electric distribution system to ensure minimum damages during natural calamities.
- Conduct public/industry awareness campaigns to prevent electric accidents during normal times and during and after a natural disaster
- Stand-by arrangements to ensure temporary electricity supply
- Ensure the public and other agencies are safeguarded from any hazards, which may have occurred because of damage to electricity distribution systems
- Restore electricity to the affected area as quickly as possible

#### Resources available with them:

Manpower: 432

Vehicle available: 2 trucks, Gypsy= 1, Pickup vans = 2, Standby Transformers= 100

### 5.14 FOREST Department

- Promotion of shelter belt plantation
- Keep saws (both power and manual) in working conditions
- Provision of seedling to the community and encouraging plantation activities, promoting nurseries for providing seedlings in case of destruction of trees during natural disasters.

#### Resources available with them

Manpower = 640, Truck= 1, Gypsy/Jeeps = 4

### 5.15 Department of CAPD

#### Preventive Activities

- Construction and maintenance of storage godowns at strategic locations.
- Stock piling of food and essential commodities in anticipation of disaster.
- Take appropriate preservative methods to ensure that food and other relief stock are not damaged during storage, especially precautions against moisture, rodents and fungus infestation.

#### Response Activities

- Management of procurement
- Management of material movement
- Inventory management

#### Resources available with them

Food Store At District

& Tehsil level with capacity of 16,000 Qtls(Food Store Kathua Capacity of 5000 qtls,Hgr. 3000 qtls,Billawar 3000 qtls, Basholi 3000 qtls & Bani 2000 qtls.)

## 5.16 COMMUNITY LEVEL INITIATIVE

- The goal of any disaster management initiative is to build a disaster resistant/resilient community equipped with safer living and sustainable livelihoods to serve its own development purposes. The community is also the first responder in any disaster situation, thereby emphasising the need for community level initiatives in managing disasters. To encourage such initiatives, the following are required: (a) Creating awareness through:
  - Creating awareness through disaster education and training and information dissemination are necessary steps for empowering the community to cope with disasters
  - Community based approach followed by most NGOs and Community Based Organisations (CBOs) should be incorporated in the disaster management system as an effective vehicle of community participation.
  - Within a vulnerable community, there exist groups that are more vulnerable like women and children, aged and infirm and physically challenged people who need special care and attention especially during disaster situations. Efforts are required for identifying such vulnerable groups and providing special assistance in terms of evacuation, relief, aid and medical attention to them in disaster situations.

## 5.17 NGOs

Emerging trends in managing natural disasters have highlighted the role of Non-Governmental Organisations (NGOs) as one of the most effective *alternative means of* achieving an efficient communication link between the Disaster Management agencies and the affected community. The role of NGOs is a potential key element in disaster management. Based on the identified types of NGOs and their capabilities, organised action of NGOs can be very useful in the following activities in different stages of disaster management.

**Pre-Disaster:** Awareness and information campaigns, \* Training of local volunteers, \* Advocacy and planning

**During Disaster:** Immediate rescue and first-aid including psychological aid, \* Supply of food, water, medicines, and other immediate materials, \* Ensuring sanitation and hygiene and Damage assessment

**Post-Disaster:** \* Technical and material aid in reconstruction, \* Assistance in seeking financial aid and Monitoring

### 5.17 District Red Cross Society

**Red cross with their experience alongwith volunteers as well as with their resources.**

#### **Resources available with them**

Ex/Committee : 15

Life Members : 14

QRT(Indoor) : 07

QRT(Outdoor) : 10

Life/Associates : 34

## 6. DISTRICT RESOURCES MAPPING

### Health Facilities available in the district

POP	Hospitals	Health Centres	Doctors	Assistants (Para medical Staff)	Surgeon	Specialists	Others
	DH=1,SDH=4, PHC=25, AD Disp.=11, Aaur.Disp=51,	Sub- centres=137	158 MBBS  36 BAMS	343 (a/p) 42 (ISM) ASHA=580	4	13	261

### 6.1 Resource Availability within different departments

S.No	Name of the Department	Infrastructure / Inventor Available	Officer in-charge At District Level
1.	Health	DH : 01 SDH: 04 PHC : 25 A/D :11 Ayur/D :51 Sub-centre:137 Ambulances : 22	Chief Medical Officer
2.	PHE	Dug Wells : 52 Tube Wells :102 Water Tank :	Executive Engineer
3.	RTO	Buses : 79 Mini Buses : 532 Truck/Tipper : 1076 T/Wheelers/Load Carriers : 852 Tractors : 2140	Regional Transport Officer
4.	CAPD	Food Store At District & Tehsil level with capacity of 16,000 Qtls	Assistant Director CAPD , Kathua
5.	DFO, Billawar	58 Persons In Fire Fighting Cell at Billawar	DFO, Billawar

6.	Degree College Kathua	NSS Volunteers :167	Principal
7.	Red Cross Society, Kathua	Ex/Committee : 15 Life Members : 14 QRT(Indoor) : 07 QRT(Outdoor) : 10 Life/Associates : 19	DC, Kathua
8.	NGOs ( 30 in No. )	Voluntary Aid	General Secretary / Chairman/President

### District Head: DM/ DC/ DDC

#### 1. Revenue:

Sub-Divisions = 3 Headed by SDMs (Badnota, Basohli and Bani)  
Tehsils =5 headed by Tehsildars (Kathua, Hiranagar, Billawar,  
Basohli and Bani)  
Niabats = Headed by Niab Tehsildars

#### 2. Police SSP Kathua

Police Training Centre=1 headed by Principal PTS (SSP/SP)  
Sub-Divisions = 2 headed by SDPO (Basohli and Chadwal)  
Police Stations=  
Police Posts =  
Fire Service Stations = Headed by District Fire Officer

#### 3. Army

#### 4. Para-Military Forces:

CRPF  
BSF  
CISF

#### 5. Forest

(Contact No  
DFO (T) = 2 Headed by DFOs (Kathua and Billawar)  
DFO (SF)= 1 Headed by DFO  
Forest Protection Force = Headed by Deputy Director, FPF  
River Valley Project = Headed by Project Officers  
Wildlife = 1 Headed by Wildlife Warden

#### 6. Rural Development (Contact No

Headed by ACD and assisted by all 8 BDOs  
DPO = 1 assisted by all 8 BDOs  
PO DRDA= 1 assisted by all 8 BDOs

#### 13. Health

(Contact No  
Headed by CMO and assisted by Dy.CMO, DIO, DTO, DHO  
and all 5 BMOs

District Hospital = Headed by Medical Superintendent  
(Also available Private Nursing Homes)

14. Engineering:

PWD, PHE-Civil, PHE-Mech, Irrigation & FC, Mechanical, PDD,  
Sub-Transmission, RTIC, JKPCC etc headed by XENs and assisted by AEEs and  
Other technical staff

9. CAPD

Headed by Asstt Director CAPD and assisted by all 5 TSOs

10. Agriculture

Headed by CAHO and assisted by SDOs

11. Sheep/Animal Husbandary

Headed by DSHO/ CAHO and assisted by LDOs, DIO,  
PDO & VAS

### **6.2 Facilities with the Medical Departments at District Level to immediately tackle the emergency if it arises**

1. We have District Hospital with all facilities of specialist doctors, General duty doctors and other Paramedicals available all the 24 Hours. Equipments like Ultra Sound X-Rays, Lab.& other Diagnostic Facilities for Indoor services we have 200 beds. At Sub District Level we have 4 No. of sub District Hospitals with specialized services and also with the Diagnostic services. For indoor facilities we have 30 bedded arrangements at Sub District level. Similarly at Zonal level we have Primary Health Centers with 2 or 3 Doctors Lab. Facilities and Indoor facilities
2. Department has enough man power at District, Sub District and Primary Health center level to assist the doctors
3. Operation theaters are well equipped at Distt. Level and Sub Distt. Level to meet with any eventuality .
4. For series patients who need referral to the next higher institutions there are ambulance at Distt., Sub Distt. And Primary Health centers level.
5. Free Medicine are available to the patients at all levels and in emergencies medicine can be supplementary from divisional medical stores and even we can purchase the medicine from the NRHM funds in emergencies.
6. We have enough staff which is deployed all the 24 hours upto PHC level and we can even increase the staff during emergencies if needed

### Detail of Hospitals with Facilities Available

S.no	Name of the Hospital/Centers	Telephone No.	No. of Doctors	Facilities Available			
				No. of Beds	No. of Amb.	Blood Bank	X-Rays
1	Distt. Hospital Kathua	234323	37	200	06	01	01
2	MGH Kathua	9419109763	10	05	01	00	01
3	SDH Hiranagar	274263	14	30	03	00	01
4	SDH Billawar	9858282551	16	30	02	00	01
5	SDH Basohli	9469211796	15	30	02	00	01
6	SDH Bani	9419128686	16	30	01	00	01
7	CHC Parole	9419107796	04	10	02	00	01
8	PHC Dhanni		02	05	01	00	00
9	PHC Buddhi		02	05	01	0	00
10	PHC Barwal		02	05	01	00	00
11	PHC Lakhanpur		02	05	01	00	00
12	PHC Kharote		02	05	00	00	00
13	PHC Marheen		02	05	01	00	01
14	PHC Dinga Amb		02	05	00	00	01
15	PHC Haria Chack		02	05	00	00	01
16	PHC Ramkote		02	05	01	00	01
17	PHC Bhaddu		02	05	01	00	01
18	PHC Kough		02	05	00	00	00
19	PHC Uchapind		02	05	00	00	00
20	PHC Godu Flal		02	05	00	00	00
21	PHC Macheedi		02	05	01	00	00
22	PHC Bhoond		02	05	01	00	00
23	PHC Mahanpur		02	05	01	00	00
24	PHC Karanwara		02	05	00	00	00
25	PHC Sananghat		02	05	00	00	00
26	PHC Hutt		02	05	01	00	00
27	PHC Sandhar		02	05	00	00	00
28	PHC Dhaggar		02	05	00	00	00
29	PHC Koti Chynar		02	05	00	00	00
30	PHC Lohai		02	05	00	00	00

#### Ph. No. of District & Block Level Officers of Health Department District Kathua

S.No.	Name of the Officer	Landline No.	Mobile No.
1	Chief Medical Officer Kathua	234314	9419112747
2	Dy.Chief Medical Officer Kathua	233114	9419208022
3	DHO Kathua	234314	9419143758
4	DIO Kathua	233114	9419107796
5	Supdt. Distt. Hospital Kathua	234323	9419115415
6	Dr. Chaman Lal BMO Billawar		09858282551
7	Dr. Sunil BMO Basohli		9469211796
8	Dr. R.k. Chopra BMO Bani		9419128686
9	Dr. V.R.Rarotra BMO Parole	2281126	9419107796
10	Dr. Ajay Khajuria BMO Hiranagar	274263	9419108218



## 7. RESOURCES FOR EVACUATION

Rescue team	Transportation	NGO	No. of Schools	No. of Angwarii Centres
<b>Search &amp; Rescue Team</b> <b>Medical Team</b> <b>Inf. Team</b> <b>Logistic Team</b> <b>Medical team</b> <b>Communication Team</b>	Buses : 79 Mini Buses : 532 Truck/Tipper :1076 T/Wheelers/Load Carriers : 852 Tractors : 2140	<b>25</b>	<b>1122</b>	<b>1482</b>

Since most part of the District (Billawar, Basohli and Bani tehsils) is a hilly with very poor road connectivity and shortage of sufficient means of communication. Emphasis will be given to community based relief and rescue operations for this the District has been divided into zones with each zone being a cluster of villages. The school children in the age group of 14 to 18 in these clusters and other individuals will be trained in rescue, evacuation and disaster management at the local level. If disaster strikes in any of the far off areas in the District, it is very unlikely that the first response from the official machinery may reach even after 10 to 12 hours. Air sorties at best may send only few volunteers. In this back drop, the local level rescue and evacuation teams will come quite handy as a first level of response. Senior most teachers, preferably a local will be designated a team leader for such groups. He will trigger first response by mobilizing the volunteers in his area in case of a disaster or a calamity.

### 7.1 Rescue Teams

#### a). Search & Rescue

Fire Station

Police Rescue Team

Police Road accident response team

Police Dog Squad team

Disposal of dead and carcass – Executive Officers of Municipalities

**b) Medical Teams:-**

- i) Mobile First aid Team
- ii) Mobile Hospital.
- iii) Surgical Team.
- iv) Mobile specialist Epidemic Team.
- v) Medical Rehabilitation
- vi) Mobile veterinary team.

**C) Infrastructure Team**

- i) Road Repair Team
- ii) Bridge repair Team ----
- iii) Debris clearing Team ----
- iv) Building repair Team ----
- v) Water pumping repair Team ----
- vi) Water pipe line repair Team ----
- vii) Sewerage repair Team ----
- viii) Electric Generator Team ----
- ix) Electric Supply line repair Team ----
- x) Demolition explosive Team ---
- xi) Rail road repair Team

**d) Logistic Teams**

- i) Casualty transport Team
- ii) Equipments and stores transport Team.
- iii) Food & Supplies Team.
- iv) Water supplies Team.
- v) Fuel and fire wood supply Team.
- vi) Timber supply Team.
- vii) Vehicle repair and recovery Team.
- viii) Temporary relief camp Team.
- ix) Free kitchen Team.

**e) Communication Teams**

- i) Wireless operator Team.
- ii) Land line repair Team.
- iii) Exchange repair Team.
- iv) Mobile exchange/tower repair Team.
- v) Electronics repair Team.

## 7.2.1 Evacuation Plan and Materials required

### FACILITIES REQUIRED AT KATHUA/ HIRANAGAR/ BILLAWAR/ BASOHLI/ BANI :

S.No.	PARTICULARS	Action By
1.	More than 100 tents are required to accommodate people.	Concerned Tehsildars and BDOs
2.	Water at different shift accommodation will be provided by P.H.E. Department.	PHE Departmenet
3.	Temporary toilets at shift accommodation, minimum 6-7 Toilets at each site.	RDD
4.	Adequate Ration for two months for the people likely to be affected.	CA&PD
5.	Transportation for shifting of people.	Trucks from P.H.E. , P.W.D.,Mechanical, Forest, Police & Local Tractors, if required.
6.	Ambulance in case of any emergency.	Health Department
7.	Fodder for Cattle for Two Months	Animal Husbandry Deptt.
8.	Wireless Sets during monsoon with concerned N/Tehsildar for immediate action.	Police
9.	Adequate Medical facilities:- Medical camps along with required staff at Chabba Chak, Mukandpur, Haria Chak,Korepunnu & other shift accommodation with full Medical Facilities.	Health Deptt.
10.	Providing of lighting system, including Petromax/Torches in sufficient number at shift accommodation.	P.D.D.
11.	The Service of Army/police during operation.	Army/ Police

### **7.2.2 ACCOMODATION SELECTED FOR SHIFTING OF PEOPLE DURING BORDER SHELLING**

1. Sheep Husbandry Farm House Rajbagh where one hall is available & 25 – 30 Tents can be erected for accommodating people.
2. Primary School Jogial where 2 Rooms, A Verandaha & Space for 5 Tents is available.
3. Middle School Haria Chak where 2 Rooms & Space for 10 Tents is available.
4. Govt. High School Kana Chak where 3 Rooms & Space 30 Tents is available.
5. Panchayat Ghar and C.F.C. Hardo Muthi.
- 6.** Govt. Primary School Mukandpur & Panchayatghar Mukandpur
- 7.** Govt.HSS. Hiranagar with a space of 30 Tents.
- 8.** Govt.HSS.Chakra. with a space of 22 Tents.
- 9.** Middle School Gadyal with a space of 20 Tents.
- 10.**Middle School Haripur Brahmina. with a space of 25 Tents.
- 11.**Middle School Chadwal. with a space of 35 Tents.

**7.2.4 FACILITIES REQUIRED AT KATHUA/ HIRANAGAR/  
BILLAWAR/ BASOHLI/ BANI TEHSILS:-**

S.No.	PARTICULARS	Action By
1.	More than 100 tents are required to accommodate people.	Concerned Tehsildars and BDOS
2.	Water at different shift accommodation will be provided by P.H.E. Department.	PHE Department
3.	Temporary toilets at shift accommodation, minimum 6-7 Toilets at each site.	RDD
4.	Adequate Ration for two months for the people likely to be affected.	CA&PD
5.	Transportation for shifting of people.	Trucks from P.H.E. , P.W.D., Mechanical, Forest, Police & Local Tractors, if required.
6.	Ambulance in case of any emergency.	Health Department
7.	Fodder for Cattle for Two Months	Animal Husbandry Deptt.
8.	Wireless Sets during monsoon with concerned N/Tehsildar for immediate action.	Police
9.	Adequate Medical facilities:- Medical camps along with required staff at Chabba Chak, Mukandpur, Haria Chak, Korepunnu & other shift accommodation with full Medical Facilities.	Health Deptt.
10.	Providing of lighting system, including Petromax/Torches in sufficient number at shift accommodation.	P.D.D.
11.	The Service of Army/police during operation.	Army/ Police

## 7.5 Transportation

Buses : 79

Mini Buses : 532

Truck/Tipper : 1076

T/Wheelers/Load

Carriers : 852

Tractors : 2140

**Contset Person: Regional Transport Officer, Officer**

## 7.6 NGOs

	<b>Name of NGO</b>	<b>President/ General Secretary</b>	<b>Nature of activities</b>	<b>Contsct No.</b>
<b>1</b>	<i>Shiva Gramodyog Mandal, Kalibari, Kathua</i>	<i>Sh Ganga Dutt</i>	<i>Integerated Water Shed Development Project (NAZ)</i>	236738
<b>2.</b>	<i>Grameen Kalyan Sangthan Society, Nagri Parole, Kathua</i>	<i>Sh Piar Singh Andotra</i>		281303
<b>3.</b>	<i>REGIONAL EDUCATIONAL SOCIETY</i>	<i>Sh Suraj Parkash</i>	<i>Computer Education</i>	235616, 238791
<b>4.</b>	<i>ALL INDIA CENTER FOR URBAN &amp; RURAL DEVELOPMENT</i>	<i>Sh Pawan Singh Jasrotia</i>		284371
<b>5.</b>	<i>KANDI SIVALIK VIKAS SANGTHAN, Hiranagar</i>	<i>Sh V.P. Sharma</i>	<i>Kandi Development</i>	249079
<b>6.</b>	<i>TAGORE VIDHYARATHI PARISHAD</i>	<i>Sh Rajinder Gupta</i>		
<b>7.</b>	<i>NARI SHAKTI SANGTHAN SOCIETY</i>	<i>Smt Rano Devi</i>		
<b>8.</b>	<i>Nehru Yuva Sangthan, Dhanni Bakhta, Kathua</i>	<i>Sh Baishasher Singh</i>	<i>To create awareness among the Rural youths</i>	235012
<b>9.</b>	<i>NATIONAL YOUTH PROJECT</i>	<i>Ms Updesh Rani</i>		
<b>10.</b>	<i>Nehru Yuva</i>	<i>Sh Shashi Paul Sharma</i>		236526

	<i>Sanghtan Society, Govindsar, Kathua</i>			
<b>11.</b>	<b><i>BHARTIYA KISSAN MANCH, Marheen</i></b>	<b><i>Sh Shiv Dev Singh</i></b>		
<b>12.</b>	<b><i>Beshara Society</i></b>	<b><i>SH Jia Lal Verma</i></b>		<b><i>230252</i></b>
<b>13</b>	<b><i>AWARE</i></b>	<b><i>Sh Fateh Singh</i></b>		<b><i>236545</i></b>
<b>14</b>	<b><i>Nehru Yuva Sanghtan Janglote</i></b>	<b><i>Sh Jatinder Singh</i></b>		<b><i>239062</i></b>
<b>15.</b>	<b><i>Nehru Yuva Sanghtan, Lakhri</i></b>	<b><i>Sh Narayan Dutt Sharma</i></b>		<b><i>224060</i></b>
<b>16.</b>	<b><i>Nehru Yuva Sanghtan, Dhamal</i></b>	<b><i>Sh Darbari Lal Sharma</i></b>		
<b>17</b>	<b><i>Youth Club, Rajpura</i></b>	<b><i>Dr Kewal Krishan</i></b>		
<b>18</b>	<b><i>BAMA Youth Club</i></b>	<b><i>Sh Bhagwan Singh</i></b>		
<b>19.</b>	<b><i>All J&amp;K Mahilla Sangh Mandal</i></b>	<b><i>Ms Rita Sharma</i></b>		<b><i>239005</i></b>
<b>20</b>	<b><i>FRIENDS HOUSING SOCIET, MUTHI JAGIR</i></b>	<b><i>Sh Padam Singh</i></b>		
<b>21</b>	<b><i>MOHD. JABAR MEMORIAL SPORTS CLUB, BARMOTA</i></b>	<b><i>Sh Abdul gani Sheikh</i></b>		<b><i>268092</i></b>
<b>22</b>	<b><i>GRAMUDYOG HASTAKALA KENDRA, Hiranagar</i></b>	<b><i>Sh Ravi Kumar</i></b>		<b><i>274125</i></b>

**7.10 No. of Schools: 1122**

**7.11 No. of Anganwari centres: 1482**

## . EVACUATION, SEARCH AND RESCUE:-

Department	Evacuation , search and rescue response structure and system			
	Preparedness	Pre(after warning)	During Disaster	Post Disaster
District	Considering the gravity of situation the Collector shall convene the district level Natural Calamity Meeting when ever required.	Meeting with district level officials/officials at Head quarter and chock out emergency plan with vulnerable areas and resouce list. 2.Co-ordination meeting of NGOs etc. 3.Arrange food and other basic requirement for emergency response.	Coordination meeting with officials at Headquarters by 12 hours intervals and 24 hours intervals with the field officials. 2.Regular collection of situation report of the risk and vulnerable areas from the officers assign for the purpose. 3.Provision for administering emergent relief and the other basic needs.	Immediate arrangement of free kitchen in the cut-off and inaccessible areas. 2.Helping lthe evacuees for returning to their houses. 3.Monitoring of relief distribution. 4.Provision of medical facilities. 5.repair / Restoration of Roads. 6.Transportation of Relief and Human Resources.
Panchayat Samiti	Always communicated through District Level Officer.	-	-	-
Police	To co-ordinate with the district administration.	-	-	-
Fire Brigade	Good number of vehicles in Kathua district always be kept ready to combat the situation.	-	-	-
Medical	Medicine / Saline/ bandage / good number of Doctors and	-	-	-



	para medical staff/ good no. of ambulance available in Kathua district be kept ready			
PWD/RD	Meeting with district level officials/ officials at Head quarter and chock out emergency plan with vulnerable areas and resource list.	Collect information from different areas and to act accordinly.	Provision for administering emergent relief and the other basic needs.	Repari/ Restoration of roads. 2.Relief distribution 3.Helping the evacuees for returning to their houses.
NGO/Volunteer	Door to Door awareness , Street Drama, Listing of NGOs and volunteers.	Evacuating the place & houses, shifting of people	Distribution of medicines, Medical camps.	Distribution of medicines, Health camps, Awareness.
Information Department	Public awareness programme through street Drama, Saminar by publishing News, articles a photographs in newspaper & megazine.	-	Public awareness through announcement	Group talk announcement
DSWO/ PO ICDS	Angwanwari workers shall be provided training to deal with disaster activities ..	Angnwari wakers shall be deployed as Volunteers and Angnwari Centres shall be kept ready for sheltor purpose	During disasters anganwari buildings shall be used for sheltor & Anganwari workers can be used as volunteers	During disasters anganwari buildings shall be used for sheltor & Anganwari workers can be used as volunteers
District Administration	Control room always alert and staff available for natural calamities	Control room always alert and staff available for natural calamities	Control room always opened and time to time information received from SDMs and BDOs.	Control room always alert and staff available for natural calamities

**CAR CASS/ DEAD BODIES DISPOSAL: Concerned tehsildar/ Magistrate alongwith Police Department**  
**SHELTER MANAGEMENT**

Sl.No.	Shelter Management – Response System				
	Departments	Preparedness	Pre(after warning)	During Disaster	Post Disaster
1.	Dist. Administration	Control room always opened and time to time information received from SDMs and BDOs.	Control room always alert and staff available for natural calamities	Overall supervision and management of disaster affected areas.	Relief and rehabilitation
2.	Police	They shall provide training to all their teams and other staff to deal with disaster Management.	They shall keep all team ready.	During disaster they shall deploy all their teams immediately as per the directions of District Administration	Relief and rehabilitation assistance.
3.	Electricity	Standby arrangements for temporary electric supply or generators.	Emergency inspection by mechanical engineer of all plant and equipments.	Inspection and repair of high tension lines/ substations/transformers/ poles etc.	--
4.	RD	Communication establishemet with district and block / tahasil control rooms and departmental offices.	All staff informed about the disasters, likely damages and effects. VLWs shall be deployed as Volunteers.	Emergency inspection by mechanical engineer of all plant and equipments.	Arrangement of extra vehicles/ heavy equipments, such as front end loaders/ towing vehicles/ earth moving equipments/ cranes etc.
5.	Medical	Medicine / Saline/ bandage / good number of Doctors/ good no. of ambulance are available .	Always alert medical team and medicine	Ambulance always ready	Good.
6.	PWD	Always prepared any natural calamities	Always prepared any natural calamities	Always prepared any natural calamities	Always prepared any natural calamities
7.	PHC	Medicine / Saline/ bandage / good number of Doctors/ good no. of ambulance are	Medicine / Saline/ bandage / good number of Doctors/	Medicine / Saline/ bandage / good number of Doctors/ good no. of ambulance are available	Medicine / Saline/ bandage / good number of Doctors/

		available	good no. of ambulance are available		good no. of ambulance are available
8.	NGO/ volunteers	Listing of club Houses, Schools, Community Centres	Preparation of shelters in clubs, Schools, Halls etc, collection of tents.	Replacement of affected people in the shelters/camps, collection of tents, poly thenes etc.	Cleaning of temporary shelters.

### Relief

Sl.No.	Relief Operation – Response				
	Departments	Preparedness	Pre(after warning)	During Disaster	Post Disaster
1.	Dist. Admin.	Considering the gravity of situation the Collector shall convene the district level natural calamity meeting when ever required.	Meeting with district level officials at Head quarter and check out emergency plan with vulnerable areas and resource list./ Arrange food and other basic requirement for emergency response./ Collect information from different areas and to act accordingly.	Regular collection of situation report of the risk and vulnerable areas from the officers assign for the purpose./ Provision for administering emergent relief and the other basic needs.	Helping the evacuees for returning to their houses/ Immediate arrangement of free kitchen in the cut off and inaccessible areas / Repair / Restoration of roads./ Monitoring of Relief distribution / Provision of drinking water.
2.	Block	Control room always alert and staff available for natural calamities	Control room always alert and staff available for natural calamities	Relief operation smoothly as per effected area for natural calamities.	Relief operation smoothly as per effected area for natural calamities.
3.	CMO	Stock Position of life saving drugs, ORS, IV fluids and other equipment. Distribution of ORS Halogen to field areas. Awareness	Sufficient stock to be procured and distributed. Miking, Drum beating etc. Control rooms- CMO office	Sufficient stock to be procured and distributed. Miking, Drum beating etc. Control rooms.	Sufficient stock to be procured and distributed./ Dist RRT and Sub-Divisional RRT is formed/ Miking Drum

		through propagation of healthy practices during the disaster time.			beating etc./ Preventive measures to be done / Co-ordination with other department to be done.
4.	PWD	Communication establishment with district and block/ Tahasil control rooms and departmental offices within the division.	Always alert and staff available for natural calamities / All staff informed about the disasters ,likely damages and effects.	Inspection and emergency repair for roads/ road bridges/ underwater inspection/ piers/ concrete and steel work.	Community assistance mobilized for road clearing./ Clearance for blocked roads./Route strategy for evacuation and relief marked.
5.	Sanitation & water supply (PHE/ Municipalities)	Sanitation and water supply available in the all block areas. Namely Mark-II/ III/ Deep tube well / Shallow tube well / Kacha well and RCC well .	Sanitation and water supply available in the all block areas. Namely Mark-II/ III/ Deep tube well / Shallow tube well / Kacha well and RCC well .	Sanitation and water supply available in the all block areas. Namely Mark-II/ III/ Deep tube well / Shallow tube well / Kacha well and RCC well .	Ensuring restoration of safe drinking water.
6.	NGO/Volunteer	Listing of club Houses, Schools, Community Centres	Preparation of shelters in clubs, Schools , Halls etc, collection of tents.	Replacement of affected people in the shelters/camps, collection of tents, poly thenes etc.	Cleaning of temporary shelters.

**1. Check List of district Disaster Management Information center**

<b>Activities</b>	<b>Pre Disaster</b>	<b>During Disaster</b>	<b>Post Disaster</b>
Assignment of duty	Continue opened	Continue opened	Continue opened
Maintain inventory of resources	Resource inventory, capacity analysis	Resource inventory, capacity analysis	Resource inventory, capacity analysis
Identification of weak and vulnerable points	Vulnerability map of the block / Tehsils	Vulnerability map of the block / Tehsils	Vulnerability map of the block / Tehsils
Proper setting up of the control room	Control room setup / assignment of control room duty	Control room setup / assignment of control room duty	Control room setup / assignment of control room duty
Service division and assign duties			
Receive preparedness report from various relevant deptt.	-	-	-
-Vulnerable area map displayed	-	-	-
Important phone numbers			

## 2. CHECKLIST FOR VARIOUS DEPARTMENTS

### (a) Collector and District Magistrate

<b>Activities</b>	<b>Pre Disaster</b>	<b>During Disaster</b>	<b>Post Disaster</b>
Vulnerable and risk assessment map			
Cut off areas with safe route map			
Storing facilities	Available in the all block areas.	Available in the all block areas.	Available in the all block areas.
List of dealers for food	Available	Food depot shall be established in the disaster affected areas.	Food depot shall be established in the disaster affected areas or nearby areas.
List of volunteers	A List of volunteers available with district administration which includes NCC, NSS, Community Level Volunteers etc.	volunteers of disaster affected areas/ nearby areas shall be made available	volunteers of disaster affected areas/ nearby areas shall be made available
Control room set up	At District Level	At Tehsil Level and Community Level	At Tehsil Level and Community Level
Boat and transportation for rescue	Always ready for natural calamities.	Always ready for natural calamities.	Always ready for natural calamities.
Transportation for food supply	Transportation available for supply food	Transportation available for supply food	Transportation available for supply food
Pre-positioning of staff	Staff available in the H.Office and block offices.	Staff available in the H.Office and block offices.	Staff available in the H.Office and block offices.
Site operation centers/ staff	Good	Good	Good
Damage assessment	Revenue Department	Revenue Department	Revenue Department
Address and telephone list	Available	Available	Available
Having network with neighboring blocks	Network facility available in all Block Office	Network facility available in all Block Office	Network facility available in all Block Office

## C M O

<b>Activities</b>	<b>Pre Disaster</b>	<b>During Disaster</b>	<b>Post Disaster</b>
Stock position of live saving drugs, ORS, IV fluids and other equipment	Sufficient stock to be procured and distributed.	Sufficient stock to be procured and distributed.	Sufficient stock to be procured and distributed.
Distribution of ORS, Halogen tio field areas	Sufficient stock to be procured and distributed.	Sufficient stock to be procured and distributed.	Sufficient stock to be procured and distributed.
List of contact address of field staff	List of available field staff district Hospital .Phone No-		
List of volunteers	PHC & CHC have CHGs.		
List of epidemic / risk prone areas	Available with CMO Office	-	-
List of site operation areas	Based on PHC H/Q	Based on PHC H/Q	Based on PHC H/Q
Mobile health unit	Available	Shall be sent to the affected areas	Shall remain in the affected areas as per the need.
List of private and local doctor	Available	Shall be sent to the affected areas	Shall remain in the affected areas as per the need.
Awareness through propagation of healthy practices during the disaster time	Awareness campaign is being done like workshop , seminar group discussion, Mass media and folk media etc.	Miking , Drum beating etc.	Miking, Drum beating etc.
Trained the village taskforces on use of medicine and first aid	Training shall be imparted by CMO Office	Trained persons shall be assigned the jobs in affected areas	They shall remain in the affcted areas as per need.
Daily disease report collection and analysis	This is being done regularly.	This is being done regularly.	This is being done regularly.
Preventive measures	Preventive measures to be done	Preventive measures to be done	Preventive measures to be done
Taking help of others/Dist.	Coordination with other department to be done	Coordination with other department to be done	Coordination with other department to be done

## d) Executive Engineer Irrigation / Flood Control

<b>Activities</b>	<b>Pre Disaster</b>	<b>During Disaster</b>	<b>Post Disaster</b>
Stock piling of repair materials like sand , bags, bamboo at vulnerable points(place name)etc.	Collection and stacking of empty cement bages and sand etc.	Reporting of water leveling of Gumti at various intervals due watch on the embankment.	Repairing work of the damaged embankment will be considered if necessary
Provision of guarding of weak points	Inspection of the Embankment strengthening if the embankment if necessary	Inspection of Embankment	Repairing of the embankment necessary
List of volunteers	Available	Shall be sent to the affected areas	Shall remain in the affected areas as per the need.
Taking help of community for maintenance of the embankments	_____	Shall be sent to the affected areas	Shall remain in the affected areas as per the need.

## e) Agriculture

<b>Activities</b>	<b>Pre Disaster</b>	<b>During Disaster</b>	<b>Post Disaster</b>
List of different areas to be affected by different hazards	Pre/after warning is issued to the respective S.A's of the Agri. Sub-Divisions depending on the field situation.	In case of draught we advise the SA's to lutilise the full potentiality of the irrigation projects available with them to save field crops. In case of flood we suggest the SA's to collect seed of short duration variety and to raise community nursery and distribute the seedling to the affects cultivators.	
Alternative crop	-	-	Paddy seed / Paddy seedling / vegetable seed
Assessment of damage	-	Preliminary assessment is done by the field functionaries	Final assessment is done by the field functionaries.
Coordinating with others	-	Coordination is done with others	Co-ordination is done with others



## Chief Animal/Sheep Husbandary Office

Activities	Pre Disaster	During Disaster	Post Disaster
Animal population with categories	<u>A list of following shall be kept ready with the CAHO Office</u> Cattle- Buffalo- Goat- Pig- Poultry- Duck- Sheep-	_____ _____	_____
Possible problems related to different hazards	a) Shelter problem b) Feed Problem c) Disease outbreak i) Diarrhoea (common problem) ii) Endemic diseases iii) Nutritional deficiency (Common) d) Drinking water scarcity e) Lack of availability of green grass f) Transportation/lifting of ailing animals g) Shortage of Govt. vehicle for providing assistance.	_____	_____
Dealer of feeds/ fodder	a) Dealer of feeds are distress animals available only in Sub-Divisional town in small scale (Private Agencies)	_____	_____
Coordinating with other	Co-ordination with others Deptt. Is already maintaining.	_____	_____
Programme for mass vaccination	Mass vaccination programme as a routine work of the deptt.	_____	_____

## 8. MITIGATION ACTIVITIES PLANNING

Disaster Mitigation Planning will comprise all activities that can be done for risk reduction. These activities have been planned after ascertaining the condition and status of infrastructure, equipment and manpower at the disposal of each department. The activities includes creation of new infrastructure facility for risk reduction, repair, retrofitting or upgrading of existing infrastructure; procurement hiring or repairing of equipment; recruitment, hiring and training or volunteers or specialized manpower; and preparation and dissemination of awareness raising and training materials focusing various target groups. The detailed planning of the above activities will lead to preparation of budget for disaster mitigation activities.

**Floods:** Modifying susceptibility to flood damage and disruption is the flood plain management strategy of avoiding dangerous, uneconomic, undesirable, or unwise use of the flood plain. The non-structural tools used to implement this strategy are regulations development and redevelopment policies, and safe siting in flood prone areas. The structural measures would include flood proofing and elevation, diverting flood water through dams and reservoirs, dikes, levies, flood - walls, channel alterations, high flow diversions, storm water management, coastline protection and watershed management.

**Earthquakes:** The mitigation measures for reduction of earthquake impact include implementation of zoning and building codes, safe siting in earthquake areas, retro fitting and providing proper instrumentation.

**Epidemics:** Mitigation efforts for control of epidemics would include surveillance and warning, preventive and promotive measures and strengthening institutional infrastructure

**Road Accidents:** Mitigation measures would start with enforcement of the existing provision of Motor Vehicle Act and other related legislation's and regulations, including regulations on transport of hazardous and toxic materials. Other measures would include strengthening institutional capability, strengthening road infrastructure and recommending new regulations.

**Fires:** As a part of mitigation strategy, efforts should be made to make fire fighting services available to rural areas outside the local municipal limits, improve fire fighting capabilities. Additionally, efforts should be directed towards improving co-ordination between municipal fire services and industrial safety departments, establishment of special burns wards and clarifying the roles and responsibilities of district administration, police, fire services and medical services.

**Border Shelling/ Firing:** As a part of mitigation strategy, the people who are residing in border areas of Kathua district should adhere the instructions of district administration as well as the instructions of Forces deployed on the border. They should also have bunkers near their houses/land so that they can take preventive measures during the time of shelling./Border firing & in case it becomes regular shelling then the affected population will be shifted immediately to safer places & they will be provided tents/govt buildings & relief measures will also follow simultaneously.

**The following activities has been taken for reducing the future impact of disasters:**

Activity	Requirements	Cost estimates	Reasons for demand
Setting up of District Disaster Management Control Room at Kathua	1 Control Room at District HQ Kathua	Rs 110 lacs	For Construction of District Disaster Control Room and Setting up of Infrastructure.
Health facilities	Two Critical Care Ambulances  Emergency Medicines	Rs 54.00 Lacs (Approx.) Rs 10 Lacs	Two Critical Care Ambulances and life saving drugs are the immediate need of the district.
Communication facilities (satellite telephones, Mobile phone network)	15 Landline Phones (3 for each tehsil) 60 Mibile Phones	Rs 5.00 lacs	To establish communication Network during disaster, 3 landline phones and 12 mobile phones for each tehsil.
Agriculture	Installation of 32 Minor Irrigation Tubewells  For construction of checkdams, protection walls, work structures etc	Rs 64.00 lacs  Rs 26 lacs	Rs 2 lacs per minor irr. tubewell which shall be installed in 8 blocks in 32 different locations  Partial areas of Bani and Lohai Malhar blocks
Flood Control	For emergency protection works/ sandbags and other measures against floods  Provision for Boats, dewatering pumps etc	Rs 40.00 Lacks  Rs 15 lacs	For emergency protection works and for laying of sandbags on the critical spots.
Dissemination of earthquake resistant construction techniques (PWD)	Dissemination of earthquake resistant construction techniques	Rs 10.00 Lacs	For Dissemination of earthquake resistant construction techniques
Disaster awareness through schools (CEO Kathua)	50 Awareness camps (10 per tehsil)	Rs 10.00 lacs	10 Disaster Awareness Camps will be organized in each tehsil to make people aware about the preparedness of disaster
CAPD	Cost of Addl. Supply of Rice, Sugar, Atta, LP Gas, K.Oil etc.	Rs 60.00 lacs	For Addl. Supply of Rice, Sugar, Atta, LP Gas, K.Oil in all 10 Dumping Centres (Two Centres in each Tehsil).
Forest	Provision for awareness, (Rs 2.21 Lacs), Construction of Fire Lines 100 Kms (Rs 3.92 lacs) Provision for Fire watchers 30 Nos for 3 months(Rs2.79 lacs) Fire fighting equipments (Rs2.08 lacs) Erection of watch towers(Rs4.00 lacs)	Rs15.00 lacs	For const of fire line 100 kms, awareness compain, fire fighting equipments, erection of towers, & provision for fire watchers are being proposed in order to control fire in forests.

## **District Control Centre/Sub Division Control Centre**

**1. General:-** In order that Chairman DDMA and its members may control and co- ordinate rescue relief operation(action) required as a result of an major disaster and come to quick decisions for the proper deployment of DMTs concerned there will be a headquarter where

- a) They can meet and decide on the action to be taken and where they can be found for consultation with others.
- b) They have a speedy access to all essential information effecting the situation on.
- c) There are measures of communicating orders and information to all concerned.
- d) An alternate is available if main Headquarter is disrupted.

This headquarter will be known as Control Centre of the District.

## **2. Essentials of Control Centre:-**

- a) At any time of the day or night for as long as the situation may necessitate receiving and dealing with reports of damage or other message
- b) A picture of the situation in the area must be maintained as a Map record. Which can give where alerts of DMTs and their availabilities.
- c) Provision must be made for information which might affect the operations of any service (i.e. road blocks) to be ready by available and notified to all concerned as a routine.
- d) Circes control group shall take decision regarding deployment of local or in case of out side resources so that they are best employed and also on the order of priority. An agreed decision should be arrived at by the group in case if difference of opinion reference should be made to the Chairman DDMA whose decision will be final.
- c) Arrangement must be made for the preparation and dispatch of reports

## **PRE-DISASTER TASK:-**

- Constitute a team of volunteers from school principals, Mahila Mandal, MC, NP, Panchayat, Technical assistant, PWD, Masons, Carpenter and plumber.
- Identify structurally strong building to shelter displaced persons and set up medical aid post before and after disaster i.e.community hall, school ,Mahila Mandal/Nav Yuvak Mandal hawan etc.
- To identify and earmark one open ground for helipad for evacuation of casualties and landing of relief teams and material.
- Arrange for at least ten plastic sheet/ tarpuline (15”mtrsx 5 mtrs) in case shelter is to be provided in open.
- To identify and arrange for blankets mattresses etc.,for displaced Persons and reflect demand in case of major disaster.
- To enlist repair team volunteer masons,plumber,electrician, Carpenters, iron, smith etc.to repair essential services buildings, roads, bridges, water, power lines etc.
- Team should also be alert to any signs of impending disaster i.e. Surge in epidemic.
- Blocking of river/nallah artificial lakes.
- Land slides.
- Suspicious persons.

## **Post-disaster:-**

- Identify safe buiding for shelters mark them and mobilize volunteers to receive displaced persons collect and provide mattress,blankets,clothing etc.
- Mobilize his repair teams to repair essential/vital structures ,if repairable.
- To get unsafe structures evacuated .
- To erect temporary shelters , if required in earmarked places.
- To mark/activate helipad of evacuation and to receive relief supplies

## 9. PREPAREDNESS ACTIVITIES PLANNING

### 9.1 Planning of preparedness activities should be made in the format:-

ACTIVITY TO BE UNDERTAKEN	AGENCY RESPONSIBLE	MANPOWER REQUIREMENT	EQUIPMENT REQUIREMENT	ESTIMATED COST
Training and capacity building	Revenue Police Health Education Department Red Cross NGOs Local Volunteers Rural Development Animal/Sheep Husbandary	Approximately 10 persons from every department	Projector with laptop Refreshment Seating Arrangement Furniture 5 computers Black Board, Duster, marker pens, etc. Training Manuals	Rs 15.00 lacs
Procurement of essential material for relief.	Revenue CAPD	500 volunteers	1000 tents, clothes, shoes, blankets, sleeping bags	Rs 60.00 lacs
Early warning to people	Revenue Police Local Teachers/VLWs NGOs Community Volunteers Media/ DD/ AIR	10 from each department and volunteers	50 Vehicles/ Auto rikshaws alongwith loudspeakers.	Rs. 5.00 Lacs
Evacuation to safe places	Revenue Police Local Teachers/VLWs NGOs Community Volunteers Media/ DD/ AIR	10 from each department and volunteers	Truck, Buses and other Heavy vehicles required for transportation to safer places	Rs 10.00 lacs
Procurement of equipments etc	Revenue	-	JCB (on hire basis) spades, ropes and other tools/ equipments	Rs 15.00 lacs
Mock Drill	All Concerned	-		Rs 2.00 lacs

## 9.2 Training:

### Training & Workshop

Since disaster management is a series of activities which are interlinked and inter connected. No activity can be visualized and operated in isolation. Broadly disaster management system operators at four levels:-

- i) Pre-disaster activities.
- ii) Prevention of disasters.
- iii) Response during disasters.
- iv) Mitigating the effects of disasters and post disasters response.

It is important that the various actors and agencies which are directly involved in the disaster management scheme are trained and equipped to effectively respond to the challenges that come calling with any disaster. Similarly, there are a number of other entities and players which can be trained to mitigate the impact of disaster.

However, more emphasis should be given to ensure that the new constructions of houses/ buildings should be earthquake proof for this all the local masons and contractors should be educated and trained in this regard. Already existing buildings if not all at least schools/hospitals/ colleges/ community halls/ anganwadi centres/ panchayat ghars etc should be retrofitted with earthquake proof structure.

### 9.3 Mock Drill

Disaster Management essentially necessitates a state of preparedness under all circumstances and the efficacy of arrangements there in can be assessed only by conducting periodical full-scale mock drills

#### Objective of the full scale mock drill would be to

- i. Gauge the preparedness of Disaster Management system including detailed planning and keeping of all equipment in good fettle.
- ii. Integrate the operational response to measure overall performance a the exercise.
- iii. Measure performance with regard to accident restoration.
- v. On a division, the mock drill should be conducted 3 months and after that a 2<sup>nd</sup> Mock drill would be scheduled as after a gap of 2-3 month, in order to correct all shortcomings noticed during the first mock drill.

#### During these full scale mock drill, following aspects shall be closely watched

- i. Turning out of all test within the prescribed time.
- ii. Speed of the specials.

- iii. Assembly of all teams (committees) well in time
- iv. Handling of all rescue equipments and other equipment
- v. Logging of events.
- vi. Functioning of field telephones and communication network.
- vii. Functioning of generator sets, lighting equipments.
- viii. Preparedness of first-aiders and availability of medical equipment.
- ix. Preparedness of commercial department to mobilize adequate manpower.
- x. On completion of the drill, a detailed report shall be prepared detailing deficiencies noticed, corrective measures initiated and improvements required.

**9.5. CHECKLISTS : DO'S AND DON'TS as per types of disasters involved:-**

a) Operational guidelines of what to do in the event of a **flood**.

DO's	DON'ts
<ul style="list-style-type: none"> <li>• Convening a meeting of the District Level Committee on Natural calamities.</li> <li>• Functioning of the Control rooms.</li> <li>• Closure of past breaches in river and canal embankments and guarding of weak points.</li> <li>• Rain recording and submission of rainfall reports.</li> <li>• Communication of gauge readings and preparation of maps and charts</li> <li>• Dissemination of weather reports and flood bulletins issued by the meteorological centres, central wter commission , Flood forecasting Organisation.</li> <li>• Installation of temporary police wireless stations and temporary telephones in flood prone areas</li> <li>• Storage of food in interior vulnerable strategic and key areas</li> <li>• Arrangements for keeping the drainage system desilted and properly maintained</li> <li>• Agricultureal measures</li> <li>• Training in flood relief work</li> <li>• Organisation of relief parties</li> <li>• Alternative drinking water supply arrangements.</li> <li>• Arrangements for keeping the drainage system desilted and properly maintained.</li> <li>• Tehsildar/BDOs shall keep a close liasion with Army/ Para military forces in case of PAK firing.</li> <li>• Tehsildar/BDOs shll prepare an evacuation plan to migrate the border people to the safer places.</li> </ul>	<ul style="list-style-type: none"> <li>• Organising shelter for the people in distress in case the efforts of the civil authorities are considered inadequate, army assistance should be requisitioned.</li> <li>• Relief measires by non-official and voluntary organisastions may be enlisted as far as possible</li> <li>• Provision of basic amenities like drinking water, sanitation and public health care and arrangements of cooked food in the relief camps.</li> <li>• Making necessary arrangements for air dropping of food packeers in the marooned villages thourgh helicopters</li> <li>• Establish alternate communication links to have effective communication with marooned areas.</li> <li>• Organising controlled kitchens to supply foods initially at least for 3 days.</li> <li>• Repairs and reconstruction of infrastructure facilities sush as roads , embankments , resettlement of flood prone areas.</li> <li>• Rehabilitation of homeless.</li> <li>• Organise relief camps</li> <li>• Grant of emergency relief to all the affected people.</li> <li>• Relief for economic reconstruction,</li> <li>• Health measures.</li> </ul>

b) Operational Guidelines of what to do in the event of a **Floods**

DO's	DON'ts
<ul style="list-style-type: none"> <li>• Check your house, repair doors and windows, where ever necessary</li> <li>• Keep a Hurricane Lantern filled with kerosene, flashing, match boxes, candles and enough dry cells</li> <li>• Make sure that your radio set is fully serviceable. Keep an extra set of batteries ready for transistor.</li> <li>• Keep your radio set on and listen to the latest weather warnings and advice from the nearest. All India Radio Station. Pass the information to others (by word of mouth.</li> <li>• Don't venture into the areas where streams or rivers flow, high water due to heavy rains, may surge.</li> <li>• Bolt up glass windows and put shutters in place.</li> <li>• Get extra food stored, particularly that type which does not require cooking such as, Flat , Rice, Sattu (pulse powder). Store extra drinking water.</li> <li>• When you are moving to a shelter move your valuable articles to upper floors or tie lit to the roof so that these would not be submerged.</li> <li>• Make provisions for children and old people requiring special diets.</li> <li>• Be calm. Your ability to meet an emergency will inspire and help others.</li> <li>• Stay in the shelter, as long as you are informed to do so.</li> <li>• While in the shelter, follows the instructions of lpersonnel-in-charge.</li> </ul>	<ul style="list-style-type: none"> <li>• Do not keep loose objects like cans, tins and other implements. They may become weapons of destruction during strong winds.</li> <li>• Do not spread rumours, not listen to them, only official version of the warnings may be listened to through Radio.</li> <li>• Do not stay in your house, when advised to vacate by authorities , especially when your house is located in a low-lying area. You may run the risk of being marooned.</li> <li>• Do no venture out, if the weather suddenly clears during a strom as indicated by a full in the wind and rain . Remember strong wind will return equally suddenly from the opposite direction with even greater velocity. This happens when the eye of the strom passes over your area.</li> <li>• Avoid any loose wires, hanging from the poles to avoid electrocution .</li> <li>• Drink only safe water.</li> <li>• People should keep away from disaster areas, unless they are required to assist.</li> <li>• Anti social elements should be prevented from doing mischief.</li> <li>• Houses and dwellings should be cleared of debris.</li> <li>• The losses should be reported to the revenue authorities.</li> <li>• Relatives should be promptly informed about the safety of person in the disaster area.</li> </ul>



c) Operational guidelines of what to do in the event of a **Drought**.

DO's	DON'ts
<ul style="list-style-type: none"> <li>• A detailed contingency plan for supply of drinking water in rural areas to be formulated with technical help from the Central Ground Water Board and utilising, if required, the rigs and other capital equipment from the CGWB.</li> <li>• Adequate plans to be made in the supply of drinking water in urban areas through bores, tankers, special trains and other suitable measures.</li> <li>• Continuous monitoring of rural and urban drinking water availability in drought affected areas.</li> <li>• Preparation of a water budget for each irrigation reservoir covering drinking water, kharif and rabi requirements and capping damage to ground water regime.</li> <li>• Regulating supply to water –intensive industries, if necessary.</li> <li>• Minimising evaporation losses in tanks and small reservoirs by using chemical methods, subject to Health clearance.</li> </ul>	<ul style="list-style-type: none"> <li>• Assessment of fodder requirement in drought affected districts and locate areas where shortages are likely to occur and arrange for supplies from outside.</li> <li>• Monitoring the prices of fodder in selected places/ markets.</li> <li>• Arrange to procure fodder in selected outlets.</li> <li>• State Forest Department to arrange for the cutting and bailing of grasses in the forest, wherever possible to meet the demand from fodder deficit districts.</li> <li>• Fodder cultivation to be encouraged wherever feasible.</li> <li>• Ensure supply for molasses to cattle feed plants.</li> <li>• Obtaining from premixed feed and urea-molasses bricks to the extent necessary.</li> <li>• Improper land use practices such as heavy tilling, agricultural practices and settlement patterns have contributed to creep and withdrawal of support in many cases.</li> </ul>

d) Operational guidelines of what to do in the event of an **earthquake**

DO's	DON'ts
<ul style="list-style-type: none"> <li>• Enrolment of volunteers trained for basic first aid instructions and relief and rescue operations.</li> <li>• Assess the magnitude of problem likely to arise. Carry out studies on possible scenarios of future earthquake to point out gaps in planing and preparedness.</li> <li>• Allotment of responsibilities of lofficials and non-officials agencies. Coordination of relief and rescue organizations. Identification of search and rescue teams . Assistance from defense services.</li> <li>• Resource evaluation regarding manpower, equipment,transport, hospitals, fire fighting units and so on.</li> <li>• Draw hospital contingency plan. Mobile field hospitals and surgical units.</li> <li>• Construction of demonstration earthquake resistant houses suited to the region.</li> <li>• Assess vulnerability of structures and retrofit and strengthen weak structures.</li> <li>• Draw education programs for general masses and school children. Make posters, handouts, films, TV programme, press notes etc.</li> <li>• Train administrators, engineers and masons about earthquake resistant construction.</li> <li>• Collect earthquake motion data by suitable instruments.</li> <li>• Enforce building codes for new construction. While constructing new buildings, follow building codes and other sound practices to minimize earthquake hazards. Build on firm ground or go right up to the bed rock level when laying foundations. Avoid filed up areas for construction as far as possible.</li> </ul>	<ul style="list-style-type: none"> <li>• Check for injuries for not attempt to move seriously injured person unless they are in immediate dander of further injury.</li> <li>• Check for fires.</li> <li>• Wear shoes in all areas near debris and broken glass.</li> <li>• Check service lines and appliances for damage. Do not use matches or lighters until it has been established that there are no gas leaks.</li> <li>• Draw moderate quantity of water in case sersvice is disrupted.</li> <li>• Do not draw large quantity as this could interfere with fire fighting operation.</li> <li>• Do not eat or drink any thing from open containers, specially near shattered glass be prepared for additional earthquake shocks</li> <li>• Respond to requests for help from civil, defense, fire services, police and home guards</li> <li>• Do not crowd damaged areas unless help has been requested.</li> <li>• Cooperate with the public safety officials.</li> <li>• Do not spread rumors , they often do great harm following disasters.</li> <li>• Disposal of dead bodies.</li> <li>• Provide emergency shelter and medical aid.</li> <li>• Repair / replacement and restoration of damaged structures/ equipment.</li> <li>• Damage survey-documentation of damage and scientific data.</li> <li>• Rehabilitation and reconstruction of new earthquake resistant construction</li> </ul>

## 9.6 Rehabilitation

District Administration has to identify and source the potential domestic as well as international donors for various relief and rehabilitations measures like food/ration, medicines, tents etc. It has to identify the suitable place for long term settlement keeping in mind to avoid future **conflicts with line departments.**

## 9.7 Communication Plan

The District has got poor communication facilities especially in the vulnerable areas and where there is no mobile or land line connectivity but on the flip side there are VDCs in almost all the villages with each VDC having a handset. Presently the VDCs to control room transmission network is not very strong. This is because of the fact that because of the distance, shadow zones, the signals are not communicated effectively. It is essential to fill these gaps by strengthening transmission network by installing repeaters and erecting more towers. The whole network has worked commendably during the elections. Such a network will be supplemented by the Army Telephones, Wireless communications of network of the Para Military Forces. A complete communication plan integrating all the available resources has been prepared. ASP Kathua will head this wing and coordinate all the activities of reception, sending/dissemination of information among other units of the District Disaster Management Plan. Detailed Communication Plan is Annexed.

## 9.8 Contingency Plan

**It has a relevance when already existing disaster management system fails at district and tehsil level due to any untoward incidents. The contingency plan should have following components inbuilt in to it:**

- Name & Designation of Contact Officer:
- Name of Patwari/VLW/Prominent persons of village:
- Contact person at Control Room alongwith Phone No:
- Name of Village :
- No.of people needs to be migrated:
- Name of village/place/town where they are to be shifted:
- Name of building where shifted and rooms available therein:
- No. of Tents required (if accommodation is short):
- No. of Tractors/Tucks/other vehicles required to shift the people:
- Resource persons
- Ration Required: Atta Rice Sugar Oil K.Oil
- No. of tanks required for drinking water

## 10. EMERGENCY RESPONSE PLANNING

Emergency preparedness for disaster management is a crucial segment wherein administrators, planners, managers and stakeholders play an important role.

Emergency management is a dynamic process. Emergency preparedness for disaster management is the process of preparing, mitigating, responding, and recovering from any emergency situation. Individuals and organizations responsible for emergency management use different tools to save lives, reduce human suffering and preserve economic assets before, during and after any catastrophic event. But nowadays, correct and timely information is a critical part of any successful emergency management program.

**10.1 The district authorities should have detailed response plan in place for each type of disaster. The actions to be taken and the responsible person within the district and village should be identified in the response plan.**

### Planning for disasters that can be forewarned

Time frame	Activity	Responsibility
- 72 hours	Give flood warning to the people of the village and ask them to prepare	ADC
-48 hours	Identify and prepare emergency evacuation centres for safe keeping of people living in areas likely to be affected by flood	Tehsildars & BDO Concerned
-24 hours	Evacuating the people from low lying areas and moving them to emergency evacuation centres	Tehsildars & BDO Concerned
-12 hours	Shift the injured people to health centres	PWD, Police, Volunteers of NSS, NCC, Red Cross, Community Volunteers
+ 15mins	Search and rescue of missing people	PWD, Police, Volunteers of NSS, NCC, Red Cross, Community Volunteers
+30 mins	Provide emergency relief and first aid	CMO, MOs and Volunteers
+1 hour	Concentrate on search and rescue of missing people	Police, Volunteers of NSS, NCC, Red Cross, Community Volunteers
+2 hours	Dispose off dead bodies	Municipalities , BDOs, Volunteers
+3 hours	Shift the injured people to health centres	Police, Volunteers of NSS, NCC, Red Cross, Community Volunteers
+ 6 hours	Looking for missing property of affected families	Concerned Tehsildars and Naib-Tehsildars
+ 12 hours	Collecting the located items and putting in safe place	Tehsildars & BDO Concerned
+24 hours	Recognizing the found property of affected people	Tehsildars & BDO Concerned
+48 hours	Distribution of found property to the owners	Tehsildars & BDO Concerned
+ 72hours	Finding proper shelter to the displaced people	Tehsildars

## Planning for disasters that can not be forewarned

Time	Activity	Responsibility
+15 min.	Inform district authorities; Search and rescue	Government Agencies And volunteers
+30 min.	Shifting injured to clinics	PWD, Health Police, Volunteers, NGOs, Red Cross, NSS, NCC
+ 1 hour	Evacuation of affected people to safe places	PWD, Health Police, Volunteers, NGOs, Red Cross, NSS, NCC
+2 hours	First aid to injured	CMO, MOs and Volunteers
+3 hours	Providing food and non-food items to affected people	CAPD, Tehsildars, volunteers
+6 hours	Shifting affected people to safe places and camps	Tehsildars, PWD, Health Police, Volunteers, NGOs, Red Cross, NSS, NCC
+12 hours	Providing safe drinking water to affected people	PHE, volunteers
+24 hours	Collecting food and non-food from neighbours for affected people	CAPD, volunteers
+48 hours	Distribution of relief materials	Government Departments And volunteers
+72 hours	Distribution of cash compensation to affected people	Tehsildars, BDOs

### District Level Disaster Control Room

District Control Room is equipped with the following.

- 1) Map of the District showing all the Talukas.
- 2) District Disaster Management Plan.
- 3) List of resource person with contact number and address.
- 4) Inventory of resource material available in the District.
- 5) Emergency Lights / Candles etc.
- 6) Fax Machine.
- 7) Typewriter.
- 8) Required Stationery.
- 9) District Control Room should always have Officer In charge, One Stenographer, One Peon and One Driver on 24 hour basis. One Clerk, Peon and Driver should be stationed during night time.

## Tehsil

For each tehsil following information needs to be collected it should be at the disposal of concerned Tehsildar:

1. SDM/ Tehsildars	Chairmain
2. BMO	Co-ordinator
3. SDPO/SHO	Member
4. BDO	Member
5. Executive Officer MC	Member
6. ZEO	Member
7. AEE PWD, PHE, PDD	member
8. TSO	Member

### **Community Based Disaster Response System (CDRM)**

For each Village Community following information needs to be collected it should be at the disposal of concerned Naib Tehsildar:-

- 1 Senior Most Local Teacher
- 2 Medical Officer/ Para Medical Staff/ ASHA (concerned area)
- 3 Incharge Police post/ Police personnel
- 4 JE/WS/ Helpers/Gang Coolies etc of PWD, PHE, PDD
- 5 Patwari / VLW/Anganwari workers
- 6 VDC
- 7 Forest Guard/ Helper/Watcher
- 8 100 Volunteers drawn from schools / Village
- 9 Lambardar
10. Village Guard

Since the areas are inaccessible, the local groups should constitute first level of response. Each village will have basic tools/ kits like shovel, ropes, torches, axes, Ist aid kits, medicines etc. These can be procured under NREGS or can be purchased from other means. Ist response line will immediately contact Tehsil level groups.

**QRT: Quick Response Team (QRT) more emphasis will given to bottom up approach starting from local/ community level to Tehsil and District Level. It will be better if a permanent QRT team comprising of local level staff stationed at one or two hot spots. Details of staff are as follows:**

**Local level:**

**A CONTROL ROOM WILL BE SET UP AT THE PLACE WHERE DISASTER TAKES PLACE:**

## 10. BUDGET:

S.No	Name of Activity	Estimated Cost	Remarks
1	Cost of Disaster mitigation activity	Rs 370.00 lacs	
2	New Infrastructure to be constructed	Rs 50.00 lacs	
3	Repair of existing infrastructure	Rs 10.00 lacs	
4	New equipments	Rs 15.00 lacs	
5	Repair of existing equipment	Rs 8.00.00 lacs	
6	Manpower	Rs 8.00 lacs	
7	Preparation and printing of IEC Material	Rs 3.00 lacs	
		Rs 463 .00 lacs	
	<b>Cost of preparedness activities</b>		
1	Training and capacity building	Rs 15.00 lacs	
2	Procurement of essential material for relief	Rs 60.00 lacs	
3	Conduct of mock drill	Rs 2.00 lacs	
4	Early warning of communities	Rs 5.00 lacs	
5	Evacuation to safe places	Rs 10 lacs	
6	Procurement of equipment	Rs 15.00 lacs	
		Rs 107.00 lacs	
	<b>Total Cost</b>	<b>Rs 570.00 lacs</b>	

**Financial Requirements: Capital Cost**  
**COST ESTIMATE FOR DISTRICT EMERGENCY OPERATION CENTRE (**  
**SEISMIC-V) BASED ON DELHI SCHEDULE OF RATES (D.S.R.) 2009.**

S.No.	DSR No.	Description	Rate	Rate Unit	Qty	Amount (Rs)
1.	2	<b>Earth Work</b>				
1.1	2-6	Earth work in excavation				
1.1.1	2-6-1	All Kind of Soil	91.5	Cum		
1-2	2-8	Earth work in foundation trenches.				
1-2-1	2-8-1	All kind of soil	93.55	Cum	49	4583.95
1-3	2-26	Filling available excavated earth	213.5	Cum	49	1482.25
1-4	2-28	Supplying and filling river sand	213.5	Cum	8	1708.2
		<b>Total</b>				<b>7774.2</b>
2.	4	<b>Concrete work</b>				
2-1	4-5	Providing cement concrete				
2-1-1	4-5-3	Mix 1:2:4	1943	Cum	0.5	921.5
2-1-2	4-5-8	Mix 1:4:8	1404.7	Cum	5.5	7725.85
2-1-3	4-5-10	Mix 1:5:10	1289.15	Cum	12	15469.8
2-2	4.9	Centring and shuttering				
2-2-1	4-9-1	Foundations	61.1	Sq.m	13	794.3
2-3	4-24	Providing damp-proof course.	84.6	Sq.m	0	0
2-4	4-26	Extra for water proofing material.	19.25	Kg	0	0
		<b>Total</b>				<b>24911.45</b>
3	5	<b>Reinforced cement concrete.</b>				
3.1	5-2	Reitorced cement concrete				
3-1-1	5-2-2	Mix 1:1:5:3	2351.35	Cum	0.3	70540.5
3-2	5-14	Centring and shuttering				
3-2-1	5-14-1	Foundations	61.1	Sq.m	19	1160.9
3-2-2	5-14-2	Walls	106.4	Sq.m	11	1179.4
3-2-3	5-14-3	Suspended floors	111.2	Sq.m	92	10230.4



3-2-4	5-14-4	Shelves and corners	111.2	Sq.m	0	0
3-2-5	5-14-5	Lintels beams	87.95	Sq.m	18	1563.1
3-2-6	5-14-6	Columns	135.8		0	0
3-2-7	5-14-17	Edges of slabs				
3-2-7-1	5-14-17-1	Under 20 Cms wide	29.9	m	0	0
3-2-8	5-14-20	Weather shade chajjas	134.45	Sq.m	7	941.15
3-3	5-15	Extra for additional height				
3-3-1	5-16-1	Suspended floors	45.9	Sq.m	0	0
3-4	5-29	Reinforcement				
3-4-1	5-29-1	Mild steel	21.45	Kg	150	3217.5
3-4-2	5-29-3	Cold twisted bars	21.85	Kg	2250	49162.5
3-5	5-38	Add for plaster drip course				
3-6	5-42	Providing machine batched design mix cement concrete				
3-6-1	5-42-1	Upto plinth level	2284.05	Cum	11	25124.55
3-6-2	5-42-2	Upto floor five level				
3-6-2-1	5-42-2-1	Wall's columns	2411.4	Cum	0	0
3-6-6-6	5-42-2-2	Bearn's suspended floors	2518.25	Cum	16	40292
		<b>Total:-</b>				<b>133587.905</b>
4	6	<b>Brick Work</b>				
4-1	6-1	Brick work in foundation				
4-1-1	6-1-12	Cement mortar 1:14	1478.4	Cum	47	69484.8
4-1-2	6-1-14	Cement Mortar 1:6	1384.5	Cum	13.5	18090.75
4-2	6-3	Extra superstructure	206.4	Cum	47	9700.8
4-3	6-18	Haif brick masonry				
4-3-1	6-18-4	Cement Mortar 1:4	174.85	Sq.m	30	5245.5
4-5	6-19	Extra for superstructure	22	Sq.m	30	660
4-6	6-20(A)	Extra for 2 Nos 6 mm dia	23.65			
		<b>Total</b>				<b>103781.85</b>
5	9	<b>Wood Work</b>				
5-1	9-6	Providing glazed shutters for windows				

5-1-1	9-6-3	Second class teak wood	1182.15	Sq.m	11	13003.65
5-2	9-25	Providing flush door shutters				
5-2-1	9-25-2	35 mm thick	825.9	Sq.m	12	9910.8
5-3	9-34	Extra for lipping	222.2	Sq.m	12	2666.4
5-4	9-82	Providing M.S. grills				
5-4-1	9-821	Fixed to steel windows	34	Kg	110	3740
		<b>Total:</b>				<b>29320.85</b>
6	10	<b>Steel work</b>				
6-1	10-7	Providing 1mm thick M.S. sheet				
6-1-1	10-7-1	M.S. angles 40*40*6mm	986.55	Sq.m	0	
6-2	10-15	Providing pressed steel door irames				
6-2-1	10-15-2	Profile B	177.5	m	31	5502.8
6-3	10-15A	Providing M.S. Tubular frames for windows				
6-3-1	10-15A	Profile of size	52	Kg	75	3900
		<b>Total:-</b>				<b>9402.5</b>
7	11	<b>Flooring</b>				
7-1	11-4	Cement concrete flooring				
7-1-1	11-4-3	50mm thick	133.6	Sq.m	0	0
7-2	11-73	Providing ceramic glazed tiles	373.3	Sq.m	18	6719.4
7-3	11-74	Providing ceramic glazed tiles	478.9	Sq.m	81	38790.9
		<b>Total:-</b>				<b>455110.3</b>
8	12	<b>Roofing</b>				
8-1	12-38	Providing gola				
8-1-1	12-38-1	In 75*75 mm deep chase	43	m	155	6665
8-2	12-39	Making khurras	68.5	Each	4	274
		<b>Total:-</b>				<b>6939</b>
9	13	<b>Finishing</b>				
9-1	13-11	12mm cement plaster of mix				
9-1-1	13-11-4	Cement mortar 1:6	46.6	Sq.m	200	9320

9-2	13-12	15mm cement plaster				
9-2-1	13-12-4	Cement mortar 1:6	60.6	Sq.m	70	4242
9-3	13-24	6mm cement plaster of mix				
9-3-1	13-24-1	Cement mortar 1:3	40	Sq.m	110	4400
9-4	13-75	Distempering with dry distemper	19-05	Sq.m	95	1809.75
9-5	13-77A	Distempering with acrylic washable				
		a) Tow or more coats	16.2	Sq.m	250	4050
9-6	13-79	Finishing walls with cement paing				
9-6-1	13-79-1	New work	23.1	Sq.m	60	1386
9-7	13-81	Applying priming coat				
9-7A	13-81-1	With ready mixed grey primer	11.75	Sq.m	48	564
9-7-2	13-81-4	With ready mixed yellow primer	4.9	Sq.m	22	107.8
9-8	13-93	Painting with synthetic camel paint				
9-8-1	13-93-1	Tow or more coats	24.25	Sq.m	70	1697.5
9-9	13-112	Washed stone grit plaster	169.25	Sq.m	150	107.8
9-10	13-113	Forming groove				
9-10-1	13-113-1	15mm wide and 15mm deep	9.5	m	650	6175
		<b>Total:</b>				<b>59139.65</b>
10	25	<b>Water Proofing</b>				
10-8	25-8	Providing integral cement based water proofing				
10-14	25-6-1	With average thickness of 120mm	282.8	Sq.m	85	24038
		<b>Total:-</b>				<b>24038</b>

Add 10% for cost index over D.S.R. 2009=	44440.56	
Total:-		488846.2
Add 5% for electrical works and Roof Drainage=		24442.31
Grand Total:-		513288.5

## Operational Cost

### Tentative requirement of funds for Disaster Management Plan 2009-10 District Kathua

S.No.	Activity	Tentative Funds Required (Rs. in Lacs)
1.	Awareness & Training Programmes Prior or after the disaster or Natural Calamity.( 5 Awareness camps in each Tehsil about 100 participants & trainers.)	2.00
2.	For providing shelter, relief and rehabilitation. i) 125 Tents (25 No. for each Tehsil)@ 15000/- =18.75 Lacs ii) 500 folding Beds ( 01 Tent will consist of 04 Beds) @Rs.600/- =3.00 Lacs iii) 500 Mattress @ 1200/- = 6.00 Lacs iv) 500 Bed Sheets & 500 Pillows @ 350/- = 1.75 Lacs 1500 Blankets @ 800/- =12.00 Lacs	41.50
3.	For procurement of food items. i) 100 Qtls. Rice @1800 /Qtl = 1.80 Lacs ii) 100 Qtls. Atta @1700 / Qtl = 1.70 Lacs iii) 70 Qtls. Pulses @500/ Qtl = 3.50 Lacs iv) Utensils & Cooking Items = 1.00 Lac	8.00
4.	Medical Aids. i) Life Saving Drugs including ventilator = 10.00 Lacs (2 Lacs per tehsil) ii Critical Care Ambulance (Available with Regional Red Cross Society Jammu)	10.00
5.	Machinery/Equipment for restoration of link roads/ Clearance of Debris / removal of damaged building structure. 01 JBC ,02 Trucks ( Purchase/Hiring Charges )	15.00
6.	Restoration of Water supply Schemes. Sintex Tanks for Water Storage , Tanker services &Laying out of Pipe lines.	2.00
7.	For restoration of electricity ( restoration of damaged poles/ transformers etc.& purchase of other related material)	2.00
8.	Restoration of damaged bridges / link roads.	2.00
9.	Restoration of flood affected areas / Basties (01 Lac /Tehsil)	5.00
10.	Relief on account of loss of life, houses, fire victims .	5.00
11.	Sanitation	1.00
12.	Law and Order	1.00
<b>13.</b>	Training and Capacity building	15.00
	Total	107.50

## 12. List of Annexures

### PRESS RELEASE

District Press Note No.				
Dated:-				
		Total	Affected	Remarks
1.	Blocks / towns			
2.	Villages			
3.	Population			
4.	Severely affected areas			
5.	Rescue measures			
	Boats deployed			
	Army /Navy / Coast Guard			
	Police / Fire brigade			
	Other agencies			
	Exemplary events			
6.	Relief measures	Quantity/Beneficiaries	Villages covered	Days covered
	Free kitchens			
	Rice			
	Chira			
	Other Dry food			
	Kerosene oil			
	Polythene sheets			
	Tents			
	Cattle feed			
	Halogen tablets			
	Medicines			
7	Casualties			
8	Missing reports			
9	Bovine death			
10	Civil society organisations			
11	Damage to property	Number	Approx value	
	1.Road			
	2.Embankment breaches			
	3.Schools			
	4.Other public buildings			
	5.House damage			
	6.Electrical installations			
	7.Others			
12.	Prospects in next 24 hours			
13	Message for people			
14.	Other details			



Damage to  
Infrastructure  
Disruption of  
Governance  
Psychological  
After Effects

**Land required for Setting up Disaster Management Stores.**

S No.	Name of Distt.	Name of Tehsil	Name of Village	Khasra No.	Land Identified For construction of Disaster Management Store
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1.	Kathua	Kathua	Logate	769 Min 10.00 Kanals	01 Marla
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2. Location of Land ---- Near the National Highway
3. Distance from District Headquarter Complex -- About 1-2 Km.
4. Revenue Papers submitted to Div. Com. Jammu vide No. SQ/1054 dated 14-11-2006.

**Form-1****Department or Agency Details**

( The Field mark with (\*) are mandatory)

* Dept Name/Agency Name		
* Dept Name/Agency Address		
* Contact person Name		
* Contact person Address		
* Telephone Number 1		
Telephone Number2		
Telephone Number3		
Mobile/Pager Number		
Fax Number		
Fax Number		
Email ID		
Source	Govt.	PS Unit Military
Activity Name-Search and Rescue		
Category Name Cutters		
Enter details of items under this category on form 2-A		
Item Code	Item Name	Item present in the department/Agency (Yes/No)
101	Gas Cutters	
102	Cold Cutters	
103	Bolt Cutters (Shears)	
104	Electric Drill	
105	Circular Saw with Diamond Blade (electric)	
106	Chipping Hammer	
107	Chain Saw Diamond	
108	Chain Saw Bulgot	
109	Pneumatic Chisel	
110	Cutters- Hydraulic	
111	Cutters- Battery	
Category Name-Spreaders		
Enter details of items under this category on form 2-!		
112	Spreaders-Hydraulic	
113	Spreaders-Battery	
Category Name- Lifting equipments		
Enter details of items under this category on form 2-A		
114	Air Lifting bags ( different Capacity)/Tools	
115	Jack with 5 ton lift	
116	Iron shod levers, 10 ft long.	



## Annexure- Industrial Units

<b>A</b>	<b>No. of Industrial Unit-625</b>
	<b>Classification:</b> Red Category ( 110 Nos) Orange Category ( 115 Nos) Green Category ( 400 Nos)
<b>B</b>	Work Force: Detail can be had from DIC Kathua
<b>C</b>	<b>Nature of emission:</b> Nox ( Nitrates) Sox ( Sulphates) PM ( Particulate matter) SPM ( Suspended particulate matter)
<b>D</b>	All ‘ red and orange’ category units and 50% of the green category units are adhering to pollution norms.
<b>E</b>	No. of air monitoring stations- One
<b>F</b>	Pollution Hot spots. <ul style="list-style-type: none"> <li>• Emission from Cement Units and</li> <li>• Industrial waste water passing through city.</li> </ul>

**Note: Entries at serial (A) and (D) are in approximation.**

#### Details of large/Medium small scale units

a) **Large/ Medium units**

1. Chenab Textile Mills, Kathua
2. R.N. Knitfab Pvt. Ltd, SICOP, Kathua
3. Bharat papers Ltd, Logate Kathua
4. K.P. Papers, Logate Kathua.

b) **Small Scale Units:**

There are 4673 No. of units out of which 1390 No. of units are functioning giving employment to 13267 persons.

c) **Type of units:**

1. Metal based units
2. Mental based units
3. Cement manufacturing units
4. Brick kilns
5. Stone Crushers
6. Paper Mills
7. Food processing units

## 8. Pesticide formulate units.

## Annexure- Agriculture

Farming families -70%, 45 .08 are marginal and small farmers working on other farm/ land

Total area 264729 ha

Cultivated area- 61010 ha

Cropping intensity- 190%

Irrigated area- 17653 ha

Un-irrigated area- 43357 ha

Crop calander	Kharif	Rabi
	Paddy	Wheat
	Maize	Pulses
	Pulses	Oilseed
	Oilseed	Veg.
	Veg	Others
	Others	

Area under Paddy- 31286

Area under Wheat- 50639

Area under Maize 19524

## **Annexure – F**      **(List of Tent Houses with Location in the District)**

### **Tehsil Billawar**

S. No	Name of Owner	Location
1	Vivek Raina Tent House	Phinter
2	Dass Tent House	Phinter
3.	Raju Tent House	Phinter
4.	Mohan Lal Verma Tent House	Dhar
5.	Vinod Dogra Tent House	Billawar
6.	Ram Lal Tent House	Billawar
7.	Vijay Tent House	Billawar

### **Tehsil Basohli**

S.No.	Name of Tent House	Location
1	Charu Tent House	Mahanpur
2	Jagdamba Tent House	Mahanpur
3.	Munna Tent House	Mahanpur
4.	Shiva Tent House	Mahanpur
5.	Anil Tent House	Nagrota
6.	Arun Tent House	Basohli
7.	Pathania Tent House	Basohli
8.	Sharma Tent House	Plahi

### **Tehsil Hiranagar**

S.No.	Name of Tent House	Location
1.	Savita Tent House	Hiranagar More
2	Kuka Tent House	Hiranagar More
3.	Yash Tent House	Chadwal
4.	Kapil Tent House	Chadwal
5.	C. D.Tent House	Chak Dyala

### **Tehsil Kathua**

S. No.	Name of Tent House	Location
1.	Chaudhary Tent House	Kalibari Kathua
2	Gopal Tent House	Shaedi Chowk Kathua
3.	Vinod Tent House	College Road Kathua
4	Patwari Tent House	College Road Kathua
5	Luxmi Tent House	Near Moonlight Cineplex Kathua
6	Sharma Tent House	College Road Kathua
7	Manohar Tent House	College Road Kathua
8	Gupta Tent House	College Road Kathua
9	Happy Palace Tent House	Near Old Bus Stand Kathua
10	Raju Tent House	Parliwand Kathua

11	Channar Tent House	Parliwand Kathua
12	Vijay Tent House	Hatlimore Kathua
13	Nishat Tent House	Hatlimore Kathua

## Annexure – F

### List of Hotels

S.No	Name of Hotel	Address
1.	Hotel Rattan Palace	National Highway-1A, Amrit Vihar, Opp. SICOP, Hatli Morh, Kathua - 184102. <b>Phone</b> :01922- 237758, 238370
2.	Hotel Tangri, Kathua	At Bank of Ravi Canal, Near Radio Station, Kathua 01922-233166 (off)
3.	Hotel Satish	Main Bazar, Near Moon Light Cinema, Kathua
4.	Hotel Shakti Palace	Patel Nagar, Ward No. 15, Kathua, 01922 – 233711
5.	Hotel Grand Plaza,	National Highway-1A, Hatli Morh, Kathua
6.	Hotel Star Residency	National Highway-1A, Hatli Morh, Kathua
7.	JBS Hotel	Dayalachak, Kathua
8.	Mid Way INN (JKTDC)	Dayalachak, Kathua
<b>GUEST HOUSES</b>		
1.	PWD Guest House	Ram Lila Ground, Near MC, Kathua
2.	Irrigation Guest House	Irrigation Colony, Kathua
3.	PWD Guest House	Billawar
4.	PWD Guest House	Hiranagar
5.	PWD Guest House	Basohli
6.	PWD Guest House	Bani
7.	Forest Guest House	Bani
<b>SABHA's</b>		
1.	Mahajan Sabha	Main Bazar Kathua
2.	Brahaman Sabha	Near Moon Light Thetre, Kathua
3.	Rajput Sabha	Kathua
<b>BANQUET HALLS</b>		
1.	Tangri Palace	Kathua
2.	Happy Palace	Kathua
3.	Rajinder Palace	Kathua
4.	Shakti Palace	Kathua
5.	Mehta Palace	Kathua
6.	Marriage Palace	Dayala Chak, Kathua
7.	Neelam Palace, Kathua	Kathua
<b>GOVT DEGREE COLLEGES</b>		
1	Govt. Degree College, Kathua	Kathua, 01922-234315
2	Govt. Degree College	Billawar 01921-234519
3	Govt. Degree College	Basohli 01921-251001
4	Govt. Degree College	Bani
5	Govt. Degree College	Hiranagar
6.	Govt. Degree College, (Women) Kathua	Kathua

## Annexure-F

## List of B.Ed/ETT Colleges

1	Amrit Education & Welfare Kathua
2	Ashoka Institute Of ETT Kathua(B.E.D)
3	Baba Banda Singh Behadur ETT Institute,Lakhapur,kathua
4	Baba farid College of education,Hatli Road kathua(B.ED)
5	Bhagat Institute of Elementary Teacher Training Didiana
6	Bhagat kabir College Of Education,Hatli Road Kathua
7	Bharat Institute of Elementary Teacher Training Hatli Morh,kathua
8	Calliope Institute of ETT,Hatli Morh
9	Capt.Harman ETT Institute hatli Morh kathua
10	Cosmic College of ETT Lakhapur(B.ED)
11	Data Ranpat Dev Institute Of ETT kathua
12	Dewan Memorial ETT Institute kathua
13	Dogra cultural & Education trust, Kathua
14	Dr.Ambedkar ETT.Kathua
15	Freedom Fighter ETT Institute kathua
16	Gajjan singh Mehta ETT Instute Chak hari singh kathua
17	Guru Teg Bahadur Techer Trainning Institute Lakhapur Kathua
18	Harvard Institute of ETT kathua
19	Hill View ETT College Ghagwal,Hiranagar Kathua
20	Himalyan Gram Vikas Society ETT Lakhapur kathua
21	Isher ETT hatli Morh kathau
22	JK Institute Of ETT kathua
23	Jai hind ETT Institute Kathua
24	Jammu Education Society Jakhbar kathua
25	Janki Elementaty Teacher& Research Institute kathau
26	Jorawar Elementaty Teacher Trainning Institute
27	Kartar Teacher Teacher Trainning & research Institute
28	Kathua education society Kathua
29	KAWA ETT Institute kathua
30	Kranti ETT Institute Kathua
31	Lal Bahadur Shastri Memorial Trust, Raj bagh kathua
32	Little angles ETTC Instuction kathua
33	Maha Sarswati ETT Institute,Jand,Hiranagar
34	MahaLuxmi Elementary Teacher Trainning& Research Institute kathUA
35	Mata Vashno Devi ETT Institute kathua
36	MHS Dev ETT Institute kathua
37	Minerva Education Trust Kathua ETT Institute kathua
38	Modern Sharam ETT Rajpura kathau
39	Nanak Institute Of Elementary Teacher Trainning kathua
40	Narsingh Dev ETT Institute kathau
41	National Society of HRD Research& ETT Institute Nagri
42	Nav Bharat Elementary Teacher Trainning& Research Institute
43	New Age education trust,Patel nagar kathua
44	Nirman ETT College,Lakhapur kathua
45	Panch sheel of ETT hatli Morh kathua
46	Paras ETT Institute Barwal kathua

47	Pioner Institute Of Education Training& Research Jammu
48	Popular Education Trust kathua
49	R.S Institute Of Education & Research ETT Khanyari kathua
50	R.S.Jagriti Niketan kathua
51	Rainbow Education & Research ETT Institute Kathua
52	Rathore Education & Research Foundation ETT College Chan Granh kathua
53	Ravinder ETT Institute Dharmani Bilawar kathua
54	RB ETT Institute Rajbagh kathua
55	Sarswati Institute Of Education & Research Village Govindsar Kathua
56	Sarswati Niketan ETT Institute Hiranagar kathua
57	Sarvodya College of ETT under Sukrala mata Education Trust Sukrala Devi Billawar kathua
58	Shaheed Bhagat singh Ett kathua
59	Sawan singh Mehta ETT Chak hari Singh Kathua
60	Satyam ETT Institute Lakhanpur Kathua
61	Shakti Modern Education Training & Research Institute kathua
62	Shastri Memorial ETT Institute Rajbag kathua
63	Shri Mahesh ETT Institute Kathua
64	Shri Vishwatama Nand Saraswati ETT Institute Chan Arorian kathua
65	Sidhi Vinayak ETT Institute, Kathua
66	Surbhi Institute of ETT Kathua
67	Surya ETT & Research Institute, Logate Morh, Kathua (B.Ed)
68	Tagore Teacher Training Kathua
69	Taran Educational Trust Kathua
70	Thankur Dharam Singh (TDS) Institute of ETT/JBT Kathua(B.Ed)
71	UKS ETT & Research Institute , Kathua
72	Vally ETT Institute , Barwal, Kathua
73	Vidya Muni Adrash Teacher Training & Research , Lakhanpur, Kathua
74	Vivekananda Institute of Education Training & Research , Lakhanpur, Kathua

## Annexure – B

### Detail of Hospitals with Facilities Available

S.no	Name of the Hospital/Centers	Telephone No.	No. of Doctors	Facilities Available			
				No. of Beds	No. of Amb.	Blood Bank	X-Rays
1	Distt. Hospital Kathua	234323	37	200	06	01	01
2	MGH Kathua	9419109763	10	05	01	00	01
3	SDH Hiranagar	274263	14	30	03	00	01
4	SDH Billawar	9858282551	16	30	02	00	01
5	SDH Basohli	9469211796	15	30	02	00	01
6	SDH Bani	9419128686	16	30	01	00	01
7	CHC Parole	9419107796	04	10	02	00	01
8	PHC Dhanni		02	05	01	00	00
9	PHC Buddhi		02	05	01	0	00
10	PHC Barwal		02	05	01	00	00
11	PHC Lakhanpur		02	05	01	00	00
12	PHC Kharote		02	05	00	00	00
13	PHC Marheen		02	05	01	00	01
14	PHC Dinga Amb		02	05	00	00	01
15	PHC Haria Chack		02	05	00	00	01
16	PHC Ramkote		02	05	01	00	01
17	PHC Bhaddu		02	05	01	00	01
18	PHC Kough		02	05	00	00	00
19	PHC Uchapind		02	05	00	00	00
20	PHC Godu Flal		02	05	00	00	00
21	PHC Macheedi		02	05	01	00	00
22	PHC Bhoond		02	05	01	00	00
23	PHC Mahanpur		02	05	01	00	00
24	PHC Karanwara		02	05	00	00	00
25	PHC Sananghat		02	05	00	00	00
26	PHC Hutt		02	05	01	00	00
27	PHC Sandhar		02	05	00	00	00
28	PHC Dhaggar		02	05	00	00	00
29	PHC Koti Chynar		02	05	00	00	00
30	PHC Lohai		02	05	00	00	00



## Ph. No. of District &amp; Block Level Officers of Health Department District Kathua

S.No.	Name of the Officer	Landline No.	Mobile No.
1	Chief Medical Officer Kathua	234314	
2	Dy.Chief Medical Officer Kathua	233114	
3	DHO Kathua	234314	
4	DIO Kathua	233114	
5	Supdt. Distt. Hospital Kathua	234323	
6	Dr. Chaman Lal BMO Billawar		
7	Dr. Sunil BMO Basohli		
8	Dr. R.k. Chopra BMO Bani		
9	Dr. V.R.Rarrotra BMO Parole	2281126	
10	Dr. Ajay Khajuria BMO Hiranagar	274263	

**RESCUE EQUIPMENTS**

<b>Sl. No.</b>	<b>Equipments</b>	<b>Quantity</b>
1.	Hydraulic Crane 12 Ton capacity	8 nos.
2	TATA Truck- ( <i>Troop Carrier</i> )-6 Ton capacity	10 nos.
3	TATA Truck 12Ton capacity	6 nos.
4	Generator 5 KVA	13 nos.
5	<b>Generator 10 KVA</b>	10nos.
6	Concrete Cutting equipment	5 nos.
7	Power saw with Portable Power Unit	10nos.
8	Tree Pruner-cum-Chain saw	8 nos.
9	Water Filter Portable	20 nos.
10	Ramp-2 Ton capacity (fabricated) M.S.	16 nos.
11	Telescopic Aluminium Ladder (40 feet long)	20 nos.
12	Life Jacket	110 nos.
13	Life Buoy	110 nos.
14	Chain Power Saw (Stihl 026 Model)	6 nos.
15	Tractor with trailer	6 nos.
16	Inflatable Tower Lighting system with Generator	48 nos.
17	Branch Cutting Saw ( Electric Motor Drive)	7 nos.
18	Branch Cutting Saw ( Petrol engine driven)	14nos
19	Commando Search Light	20nos.
		4nos Infrared.
20	Mahindra & Mahindra FJ-460-DP/4WD Ambulance.	1nos
21	TATA SFC-407/31, AMBULANCE	5NOS
22	G.I.Trunk-	70nos
23	Wire Ropes & Slings	12sets
24	Lifting & Pulling Machine	4nos
25	Battery Chargers	11 nos
26	Small Tools & Jack	12 sets
27	Nylon Rope	600 Kg
28	Hydraulic Tipper	5nos
29	Recovery Van/Wreckage Crane	5nos
30	Small rescue items like, rope, carabiner etc.	2 sets

31	Submersible Pump	15nos
32	Breathing Apparatus	27sets
33	Diving Equipments	12 sets
34	Diving Helmet	5 sets
35	Chain Sharpener	2nos
36	Combi tool	5sets
37	Cutter	5sets
38	Inflatable Rubber Dinghies with OBM	60
39	Hydraulic spreader	5 nos
40	Telescopic Ram Jack with Extension	5 sets
41	Fork lift 3 tonne capacity	6 nos
42	RCC cutting chain saw	5 nos
43	Gas mask with chemical cartridge	65 sets
44	Pay loader-cum-excavator	5nos
45	Air compressor	3 nos
46.	125 KVA Truck Mounted Generator	5nos
47.	Single Phase Welding Transformer with Accessories	5sets
48.	Reciprocating Pump-cum-Vehicle Washer	5 sets
49.	Air Compressor with Tyre-Inflator with accessories	5 sets
50.	Wooden Stand for OBM	120 nos
51.	Fire Extinguishers	48 nos
52.	Stretchers	10
53.	Patient Carrying Trolley	10
54.	Gas Cutting sets	5sets
55.	M.F.R. Kits	7 sets
56.	C.S.S.R. Equipments	5 kits
57.	Flexi tents	20nos
58.	U.V. Treated Polypropylene made Tarpaulin	50nos
59	Mountaineering equipment Kits	5 kits
60	Flexi- Water Tank	25nos

61	Commando Search Light	70nos	30 S.F.O.
62	Rack Sac/ Back Pac	250nos	
63	Cooking Utensils( 27 types of item)	10 sets	
64	Bullet Chain Saw	20 nos	
65.	30 Ft. Aluminum Ladder	20nos	
66	4.5 Kg Co2 type Fire Extinguishers	12nos	
67.	Walkie Talkies	100nos	
68.	Sony Video Camera	2nos	
69.	10 KVA Generator	12nos	
70.	Tree Pruner-cum-two man Chain Saw with accessories	17 sets	
71.	Jungle Shoes	200pairs	
72	Safety Jackets	200 nos	
73.	Arms Logo	400 nos	
74.	Shocks	400nos	
75.	Sleeping Mate	200nos	
76.	Rescue Blanket	70	
77.	Dangiri	200nos	
78.	Rain Suit	200nos	
79.	Track Suit	200nos	
80.	Banyan	200nos	
81.	Caps	200nos	
82.	Computers, Multifunctional Printer, Laser Printer, Computer Table & Chair with UPS	5 sets	
83	Handheld Megaphone	70nos	
84	Mini Fire Extinguishers- 500grms	100nos	
85.	Sisal Rope 12mm/24mm	3000Kg	236Kg S. F.O.
86	Standard Life Jackets	200nos	20 S.F.O.
87.	Head Light with attachment with Rechargeable Battery	100	10 S.F.O.
88.	Working Life Jackets	200nos	20 S.F.O.

## Annexure – E

### Form-1

Department or Agency Details

( The Field mark with (\*) are mandatory)

* Dept Name/Agency Name		
* Dept Name/Agency Address		
* Contact person Name		
* Contact person Address		
* Telephone Number 1		
Telephone Number2		
Telephone Number3		
Mobile/Pager Number		
Fax Number		
Fax Number		
Email ID		
Source	Govt.	PS Unit      Military
Activity Name-Search and Rescue      Category Name Cutters		
Enter details of items under this category on form 2-A		
Item Code	Item Name	Item present in the department/Agency (Yes/No)
101	Gas Cutters	
102	Cold Cutters	
103	Bolt Cutters (Shears)	
104	Electric Drill	
105	Circular Saw with Diamond Blade (electric)	
106	Chipping Hammer	
107	Chain Saw Diamond	
108	Chain Saw Bullot	
109	Pneumatic Chisel	
110	Cutters- Hydraulic	
111	Cutters- Battery	
Category Name-Spreaders		
Enter details of items under this category on form 2-!		
112	Spreaders-Hydraulic	
113	Spreaders-Battery	
Category Name- Lifting equipments		
Enter details of items under this category on form 2-A		
114	Air Lifting bags ( different Capacity)/Tools	
115	Jack with 5 ton lift	
116	Iron shod levers, 10 ft long.	

## Annexure – G

### NGOs

	Name of NGO	President/ General Secretary	Contsct No.
1	<i>Shiva Gramodyog Mandal, Kalibari, Kathua</i>	<i>Sh Ganga Dutt</i>	236738
2.	<i>Grameen Kalyan Sangthan Society, Nagri Parole, Kathua</i>	<i>Sh Piar Singh Andotra</i>	281303
3.	<i>REGIONAL EDUCATIONAL SOCIETY</i>	<i>Sh Suraj Parkash</i>	235616, 238791
4.	<i>ALL IDIA CENTER FOR URBAN &amp; RURAL DEVELOPMENT</i>	<i>Sh Pawan Singh Jasrotia</i>	284371
5.	<i>KANDI SIVALIK VIKAS SANGTHAN, Hiranagar</i>	<i>Sh V.P. Sharma</i>	249079
6.	TAGORE VIDHYARATHI PARISHAD	<i>Sh Rajinder Gupta</i>	
7.	<i>NARI SHAKTI SANGTHAN SOCIETY</i>	<i>Smt Rano Devi</i>	
8.	<i>Nehru Yuva Sangthan, Dhanni Bakhta, Kathua</i>	<i>Sh Baishasher Singh</i>	235012
9.	<i>NATIONAL YOUTH PROJECT</i>	<i>Ms Updesh Rani</i>	
10.	<i>Nehru Yuva Sangthan Society, Govindsar, Kathua</i>	<i>Sh Shashi Paul Sharma</i>	236526
11.	<i>BHARTIYA KiSSAN MANCH, Marheen</i>	<i>Sh Shiv Dev Singh</i>	
12.	<i>Beshara Society</i>	<i>SH Jia Lal Verma</i>	230252
13	<i>AWARE</i>	<i>Sh Fateh Singh</i>	236545
14	<i>Nehru Yuva Sangthan Janglote</i>	<i>Sh Jatinder Singh</i>	239062
15.	<i>Nehru Yuva Sangthan, Lakhri</i>	<i>Sh Narayan Dutt Sharma</i>	224060
16.	<i>Nehru Yuva Sangthan, Dhamal</i>	<i>Sh Darbari Lal Sharma</i>	
17	<i>Youth Club, Rajpura</i>	<i>Dr Kewal Krishan</i>	
18	BAMA Youth Club	<i>Sh Bhagwan Singh</i>	
19.	All J&K Mahilla Sangh Mandal	<i>Ms Rita Sharma</i>	
20	<i>FRIENDS HOUSING SOCIET, MUTHI JAGIR</i>	<i>Sh Padam Singh</i>	
21	<i>MOHD. JABAR MEMORIAL SPORTS CLUB, BARMOTA</i>	<i>Sh Abdul gani</i> <i>Sheikh</i>	268092
22	<i>GRAMUDYOG HASTAKALA KENDRA, Hiranagar</i>	<i>Sh Ravi Kumar</i>	274125

