

**SCHOOL SAFETY INITIATIVE**

**By**



**Revenue and Disaster Management Department**

**Government of Haryana**

**SCHOOL DISASTER MANAGEMENT PLAN**

**Name of School: GHS Bhojraj**

**2015-16**

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**CENTRE FOR DISASTER MANAGEMENT**

**HARYANA INSTITUTE OF PUBLIC ADMINISTRATION**

**GURGAON**

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## 1. School Profile

### 1.1 School Details

1.	Name of the School	Govt. High School, Bhojraj, Hisar			
2.	School Code	1191			
3.	Address	Village Bhojraj, PO Dahima, Hisar\Pin 125006			
		Telephone			
		Fax			
		Email	ghsbhojraj.hisar1@gaiil.com		
4.	Name of the Principal	Sube Singh			
5.	Contact Details of the Principal	Telephone			
		Mobile	9896560375		
		Email	ghsbhojraj.hisar1@gmail.com		
6.	Name of the Nodal Officer				
7.	Contact Details of the Nodal Officer	Telephone			
		Mobile			
		Email			
8.	Type of School	Boys / Girls / Co-ed.	Co-Ed.		
		English / Hindi / Others	Hindi		
9.	School Timings				
10.	Total Students	Boys: 64	Total: 132		
		Girls: 68			
11.	Teaching Staff	Male: 06	Total: 14		
		Female:08			
12.	Non-Teaching Staff	Male: 03	Total: 4		
		Female:01			
13.	No. of differently abled persons	<b>Students</b>	<b>Teaching staff</b>	<b>Non teaching staff</b>	
		<b>Male</b>			
		<b>Female</b>			
		<b>Total</b>			

#### 1.1.1 Details of Teaching Staff –permanent and contractual (add additional sheet if needed):

Sr. No.	Name	Blood Group	Age	Sex	Medical Concerns like Asthma, Diabetes, BP etc.)	Disability if any	Standard & Subject they teach	Contact No.	Residential Address
1	Sube Singh	O-	57	M			HM	9896560375	298, Subhash nagar HSR
2	Aarti Valecha	B+	28	F			Math	9728218000	1554, Sec-13, HSR
3	Tarundeep Karn	B+	27	F			Psy.	9996409500	269, Model Town, Hisar
4	Rohtash	A+	49	M			ESHM	9416640705	13, New Saket Colony Hisar
5	Alpana	B+	42	F			Math	9255115591	1630, UE-II, Hisar
6	Manjeet Singh	B+	32	M			Math	9466727925	Badya Rangran Hisar
7	Seema rani	O+	34	F			Science	9416123905	Dabra Hisar
8	Lalita Rani	O	55	F			SS	9467783424	424, UE-II, Hisar

9	Kalan Singh	O+	49	M	Diabetes		SSM	9416280412	1336, Sec-13, Hisar
10	Rachna Rani	A+	47	F			SSM	9812497299	54-N, Model Town HSR
11	Ram Dhari	A+	31	M			Drg. Tr	9812766002	Gaddi Kheri, Tehsil Meham
12	Poonam Rani	O+	38	F			PTI	8607210658	147, Patel Nagar, Hisar
13	Rajkumar	A+	49	M			SKT Tr.	9354313431	266, Sec-16, HSR
14	Kusum Rani		28	F			Art & Craft	9467391196	VPO Mirkan, Hisar
15	Laxmi Rani	B+	44	F			JBT	9991130100	756, PLA. Hisar
16	Sunita Rani	B+	34	F			JBT	9467536546	VPO Ladwa
17	Ved Pal	B+	35	M			JBT	9416256109	VPO Ladwa
18	Surender Pal		45	M			JBT	9466765288	VPO Nalwa
19	Sunita Yadav		40	F			JBT	9416808670	VPO Gunjar

### 1.1.2 Details of Non-teaching Staff –permanent and contractual (add additional sheet if needed):

Sr. No.	Name	Duty they perform	Blood Group	Age	Sex	Medical Concerns like Asthma, Diabetes, BP etc.)	Disability if any	Contact No.	Address
1	Mahabir Parsad	Clerk	A-	49	M			9254229 442	Baggar Vill.
2	Ram Kishan	Sweeper			M			9728281 437	Guniar. PO Vill.
3	Balwan	Peon			M				Bhoirai. PO VPO Mangali
4	Bhateri Devi	Mali			F				

### 1.2 School Building Details

1	Number of Storey	Basement	(Yes / No) No										
		Storey	Only Ground Level										
2	Year of Construction (Give details if constructed in parts)	1 <sup>st</sup> Part in 1953, 2 <sup>nd</sup> Part in 1984											
3	Number of buildings in the school compound:	22											
4	Class Rooms	<b>Number of:</b>											
		Class Rooms	Office	Teaching Staff Room	Non-teaching Staff Room	Corridor	Staircase	Store	Toilet (Boys)	Toilet (Girls)	Computer Lab.	Laboratories	Drinking water points
		Ground Floor	12	1		1		1	2	1	5	1	1
	<b>Total</b>	12	1		1		1	2	1	5	1	1	1
5	Do you have a kitchen?	Yes/No Yes -if yes do you have Gas stove or open fire kitchen or use cooking gas connection?											
6	Playground size and open ground	2 Acres											
7	School Maps	1. Attach School Location Map (showing major landmarks) 2. Attach School Building Map (showing school campus and building layout) 3. Attach School Floor Maps (showing floor wise layout)											

### 1.3 Details of Students:

Class	Section	Boys	Girls	Persons With Disability	Person with medical concern	Total
1 <sup>st</sup>	A	7	5			
2 <sup>nd</sup>	A	14	9	1	Polio 50%	1
3 <sup>rd</sup>	A	8	8	1	Deaf & Dumb	1
	B					

	C					
	D					
4 <sup>th</sup>	A	4	6			
	B					
	C					
	D					
5 <sup>th</sup>	A	4	10	1	Polio 100%	1
	B					
	C					
	D					
6 <sup>th</sup>	A	8	11			
	B					
	C					
	D					
7 <sup>th</sup>	A	10	13			
	B					
	C					
	D					
8 <sup>th</sup>	A	06	11			
	B					
	C					
	D					
9 <sup>th</sup>	A	29	20			
	B					
	C					
	D					
10 <sup>th</sup>	A	11	13			
	B					
	C					
	D					
11 <sup>th</sup>	A					
	B					
	C					
	D					
12 <sup>th</sup>	A					
	B					
	C					
	D					
Total						

**1.3.1 Details of Persons With Disability:**

Sr. No.	Name	Age	Sex	Standard and Section	Type of disability

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### 1.3.2 Details of person with medical concern (like Asthma, Diabetes, Cardiac Diseases etc):

Sr. No.	Name	Age	Sex	Standard and Section	Type of medical concern

## 2. Hazard, Risk, Vulnerability and Capacity (HRVC) Analysis

### 2.1 Detailed History of Disaster/Accidents in School

Sr. No.	Disaster/Accidents	Date & Time of occurrence	Total No. of people affected (injured & dead)	
			Dead	Injured

### 2.2 Possible Hazards:

Hazards (in and around the school)	Hazard Probability (High / Med / Low)	Possible causes
Road Accidents	Med	The School is located on Hisar Tosham Road
Flood		
Earthquake		Natural Calamity
Building collapse		Natural Calamity
Epidemic / Contagious disease		Natural
Fire		Gas Cylinder in Kitchen
Heat Wave		
Cold Wave		
Industrial / Chemical hazard		
Stampede		
Animal Bite	Low	Stray Dogs and Cows in the village
Snake Bite		Agriculture are
Food Poisoning		Due to carelessness and lack of awareness
Others (specify)		

### 2.3 Identification of Potential Structural/Non Structural Hazards

Sr. No.	Structural/Non Structural Hazards Areas	Location
	<b>Inside School</b>	
1.	Gas cylinders	
2.	Other fuel (petrol/diesel/kerosene etc.)	

3.	Chemical bottles	In School Science Laboratory
4.	Main Electrical Boards	Enough High
5.	Hanging Electrical Wires	
6.	Suspended Ceilings	
7.	Unfixed Almirahs/cabinets	
8.	Unfixed wall Frames	
9.	Doors/ Windows	
10.	Open drains/ gutter	
11.	Trees	
12.	Defected staircases	
13.	Severely cracked walls	
14.	Others (specify)	
	<b>Outside School</b>	
1	Trees	
2	Power Lines	
3	Towers	
4	Others (specify)	

#### 2.4 Identification of Vulnerable Population

Sr. No.	Category	Total No.	
		Male	Female
1.	Children below 12 years	<u>37</u>	<u>38</u>
2.	Old age people if any		
3.	Students with special medical concerns	<u>1</u>	
4.	Teaching/Non-teaching staff with ill health	<u>1</u>	
5.	Others (specify)		

#### 2.5 Capacities

##### 2.5.1 Skilled/Trained Human Resource

Trained Volunteers	Boys	Girls	Total	Name of the coordinator	Contact No. of the coordinator
NCC (Yes/No)					
NSS (Yes/No)					
Scout & Guide(Yes/No)					

Expertise: Search & Rescue, Fire Safety, First Aid, Swimming, Sports, Foreign Languages (other than English) etc.

Sr. No	Name of Person	Expertise in	Teacher/ Student	Standard	Contact No.

##### 2.5.2 Resource Inventory

###### A. Equipments within school and also nearby school:

Sr. No.	List of Items	Details of the item	Person Incharge	Contact No. of the person incharge
1.	First Aid Kits	1	Lalita Rani	9467783424
2.	Fire Extinguishers	4	Lalita Rani	9467783424
3.	Ladder (Nos. and Length)	1	Do	
4.	Rope (Nos. and Length)			
5.	Stretchers			
6.	Torches	1	Ram Kishan	9728281437



7.	Hammers			
8.	Generators / UPS	1	Raj Kumar	9354313431
9.	Others			

### B. Communication Set up

Sr. No	Type of System	Total No
1	Wireless sets (if nearby Police Station)	
2	Landline telephone	
3	Internet Facility	
4	Fax	
5	Other	19

### C. Transport Facilities

Sr. No	Type of Vehicle	Total No
1	School Bus (with capacity)	
2	4 wheelers (personal)	
3	2 wheelers (personal)	4
4	Other vehicles	

### D. Nearest Resources

Sr. No	Nearest Resource	Distance in Kms	Contact no	Address
1	Police Station/Police Post	7		VPO Mangali
2	Fire Station	20		Hisar
3	Primary Health Centre (PHC)	7		Mangali
4	Community Health Centre (CHC)	13		VPO Nalwa
5	Hospital (Public)	20		Civil Hospital
6	Hospital (Private)	20		Hisar
7	Ambulance Services	7		VPO Mangali
8	District Control Room	20		Hisar
9	Other Schools	0		Village Bhojraj
10	Others			

## 3. Response Mechanism

### A. School Disaster Management Committee

Sr. No.	Name	Designation	Designation in SDMC	Contact No	Residential Address
1	Sube Singh	Head Master	Chairperson	9896560375	298, Subhash Nagar,
2	Rohtash Chhachiya	ESHM	Vice Chairperson	9416640705	13, New Saket Colony, Hisar
3	Hawa Singh	Ex. SMC Pardhan	Member	9728570656	Village Bhojraj
4	Lalita Rani	SS Mistress	Member	9467783424	UE-II, Hisar
5	Randhir Singh		Member	9729723185	Village Bhojraj
6	Miss Anju	Student 9	Member	9728118461	Village Bhojraj
7	Monu	Panchayat	Member	8222907909	VPO Dahima
8	Nisha	ANM	Member	9017414474	VPO Dahima
10	Ashok Kumar	Fireman	Member		Fire Station Azad Nagar
11	Jaswant Singh	Sarpanch	Member	9996995500	Vill. Bhojraj
12	Rattana Bharti	SMO	Member		PHC Mangali
13	Rajender Sharma	Social Worker	Member	8607240108	Vill. Dahima

### Suggested list for School Disaster Management Committee

Sr. No.	Designation	Role in SDMC
1.	Principal/Head of the school (Compulsory)	Chairperson
2.	Senior Lecturer/Teacher (Compulsory)	Vice Chairperson
3.	Member from SMC (Compulsory)	Member
4.	Senior Lady teacher (Compulsory)	Member
5.	Parent Teacher Association Head (Compulsory)	Member
6.	4 students (NCC, NSS, Scouts and Guides, Head Boy and Head Girl)	Member
7.	Representative from Revenue and Disaster Management Department/District Administration/ Municipal Corporation	Member
8.	Representative from Fire Services (from closest Fire Station)	Member
9.	Representative from Police department (from closest Police Station)	Member
10.	Representative from Health Department (local Doctor)	Member
11.	A warden from Civil Defence	Member
12.	Representative from Panchayat	Member
13.	Representative from NGOs	Member

#### B. Teams Under SDMC

Roles and Responsibilities of each team have been discussed in Annexure II.

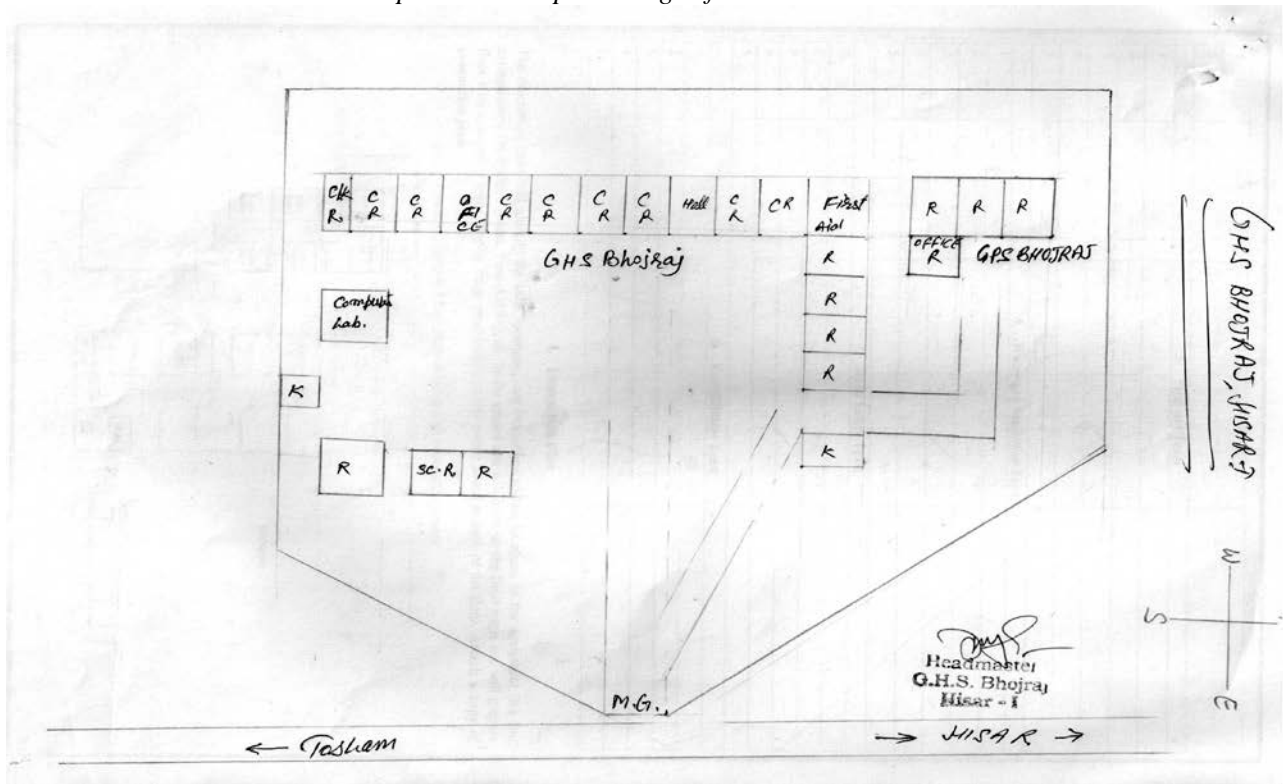
Sr. No.	Name	Sex	Standard	Contact No.
<b>1. Early warning, Communication &amp; Awareness Generation Team</b>				
1	Sube Singh	M	HM	9896560375
2	Rohtash Chhachiya	M	ESHM	9416640705
3	Miss Anju	F	Student 9	9728118461
4	Monu	M	Panchayat	8222907909
5				
<b>2. Evacuation Team</b>				
1	Hawa Singh	M	Ex. SMC Pardhan	9728570656
2	Lalita Rani	F	SS Mistress	9467783424
3				
4				
5				
<b>3. Fire Safety Team</b>				
1	Hawa Singh	M	Ex. SMC Pardhan	9728570656
2	Lalita Rani	M	SS Mistress	9467783424
3				
4				
5				
<b>4. Search and Rescue Team</b>				
1	Ashok Kumar	M	Fireman	9996995500
2	Rajender Sharma	M	Social Worker	8607240108
3				
4				
5				
<b>5. First Aid Team</b>				
1	Monu	F	Panchayat	8222907909
2	Nisha	F	ANM	9017414474
3	Rattana Bharti		SMO	

4				
5				
<b>6. Water and Sanitation Team</b>				
1	Rajender Sharma	M	Social Worker	8607240108
2	Monu	M	Panchayat	8222907909
3	Miss Anju	F	Student 9	9728118461
4				
5				
<b>7. Road Safety Team</b>				
1	Sube Singh	M	Head Master	9896560375
2	Rohtash Chhachiya	M	ESHM	9416640705
3	Hawa Singh	M	Ex. SMC Pardhan	9728570656
4				
5				
<b>8. Coordination Team</b>				
1	Sube Singh	M	Head Master	9896560375
2	Rohtash Chhachiya	M	ESHM	9416640705
3	Hawa Singh	M	Ex. SMC Pardhan	9728570656
4				
5				

#### 4. Evacuation Plan

The evacuation team will identify the safer locations, safe evacuation routes, locations of the equipment like fire extinguishers, fire hydrant points, First-Aid kits etc. in the school and will mark on the floor maps and will prepare floor wise evacuation plan. Display maps prominently at the notice board at each of the floor. **Attach a copy of evacuation plan.**

*Sample Floor Map showing safe evacuation routes*



## 5. Mock-Drill

Mock drills are the way of testing the School Disaster Management Plan. The mock drill on earthquake, fire, etc. should be conducted once in every six months, and the deficiencies should be assessed for the purpose of updation of the plan. This section of the plan should clearly indicate the steps to be followed to conduct the mock drills and the responsibilities of the teachers, non-teaching staff and students should be delineated. If required, the school should invite the Fire Service Officers, doctors from Health Department, trainers from Red-Cross Society trained Civil Defence volunteers and volunteers from NGOs for support in conducting the mock drills.

### Earthquake drill:

1. Ring the emergency Siren.
2. Practice drop, cover and hold.
3. Once evacuation starts, evacuate classroom in less than 1 minute without pushing and falling.
4. Evacuate school in less than 4 minutes using different exits.
5. Look out for friends.
6. Stay away from weak areas / structures.
7. Perform head counts when reach at assembly area.
8. Help those who need assistance (*identification of task force in advance for rescue of children with disabilities*)

### Fire Drill:

1. Ring the emergency Siren.
2. Evacuate from classroom.
3. Practice Stop, Drop and Roll in case your clothes catch fire.
4. Cut off electricity from main switch and remove or close down gas connections.
5. Evacuate classroom in less than 1 minute without pushing and falling.
6. In case of heavy smoke, crawl out safely from the classroom.
7. Evacuate school in less than 4 minutes using different exits/fire exits.
8. Look out for friends.
9. Perform head counts when reach at assembly area.
10. Help those who need assistance (*identification of task force in advance for rescue of children with disabilities*).

## 6. Assessment check list

### A. Fire Safety Assessment

1. Are fire extinguishers installed in the school?
2. Are they in working condition?
3. Are students and teachers trained to use fire extinguishers?
4. Are they located at appropriate positions (hazardous locations)?
5. Are they placed at appropriate height (accessible height)?
6. Are instructions indicated on extinguishers?
7. Is the language of instructions understood by students and teachers?
8. Is hydrant point in the school?
9. Are there Sand Buckets in the school? (specify in Numbers)
10. Are there Water Buckets in the school? (specify in Number)
11. Is emergency fire fighting training and SOP disseminated to the students & teachers?
12. Are do's and don'ts displayed at appropriate locations?
13. Are emergency contact numbers displayed at appropriate locations?
14. Are school maps and escape routes displayed at appropriate locations in the school?
15. Is the emergency exit door present in the school?
16. Do you dispose flammable scrap at proper sight regularly?
17. Are the Fire Safety Norms followed in the school?
18. Is fire safety audit conducted annually?  
(Attach fire safety audit report)

## **B. Electrical Safety Assessment**

1. Is the central shutdown system in place?
2. Has the MCB system been installed?
3. Are the wires coated with insulating material?
4. Are receptacles installed to cover live wires?
5. Are electrical equipments and wires checked and replaced (if required) at every six months?
6. Are those equipments which get heated, installed at least 1 meter away from any kind of combustible material?
7. Is the earthing properly done in the school?
8. Is any defective electrical equipment in use in the school?

Specify:

9. Are there any live wires lying or tangled in open?
10. Is any plug point used for multiple loads?

Specify at how many points:

(Attach electric safety audit report)

## **C. Non Structural Safety assessment**

1. Are the cabinets/*almirahs* placed away from exit doors?
2. Are cabinets/*almirahs* properly fixed to the wall?
3. Are these cabinets/*almirahs* empty on the top?
4. Are desks placed with proper distance between them for easy movement?
5. Are evacuation routes, passages and stairways clear from obstacles (like flower pots, cupboards, bookshelves, big dustbins etc.) for evacuation?
6. Are fans and lights secured with ceiling?
7. Are bottles used for storing the chemicals in laboratories secured and protected against shattering?

## **D. Structural Safety assessment**

1. How old is school building?
2. Is building structure earthquake resistant?
3. Is there any portion in the building which shows sign of cracks?  
If yes, specify the locations
4. Are the Building Safety Norms followed in the school?
5. Has the building safety audit conducted by the structural engineer?  
(Attach building safety audit report)

### **Annexure I**

#### **a. Roles and Responsibility of School Disaster Management Committee (SDMC)**

- Help school in preparation & evaluation of DM Plan
- Look into structural safety of school
- Work out financial aspects of preparedness & mitigation measures.
- Arrange conduct of Mock Exercises on various types of disasters twice a year.
- During disaster, help in coordinating various groups and teams.

#### **b. Composition, Roles and Responsibility of Teams**

The following composition of teams is suggested list. The team should have 1-2 teachers, 4-6 students and representative from community.

##### **1. Early warning, Communication & Awareness Generation Team**

###### **Composition**

- Geography Teacher
- Art & Craft Teacher.
- Drama & Music Teacher.

- 1-2 parents (working with media/NGO)
- 1-2 students (good speaker & creative).

### **Roles and responsibilities:**

- Keep track on weather reports, Hazard information
- Generate early warning based on relevant information
- Maintain communication before, during and after disasters within and outside the school.
- Conduct awareness programs. (Through IEC material, Rally, School level drawing/debate competitions, Street play, Exhibitions, Hoardings, Audio Visual Show etc).
- Conduct training programs by bringing in experts.
- Display of evacuation routes at different critical location.
- Display of emergency numbers for various departments.

## **2. Evacuation Team**

- Composition**
- All class teachers.
  - Class monitors & hall monitor.

### **Roles and responsibilities:**

- Identify safer locations and routes.
- Prepare school location map and floor maps of the school
- Prepare evacuation plan in consultation with school
- Practice Duck, Cover & Hold at first sign of earthquake.
- Evacuate in an orderly manner, in buddy system, with monitor leading & teacher bringing the last buddies along designated evacuation route.

## **3. Fire Safety Team**

- Composition**
- Teachers (2)
  - 1-2 parents (from fire services/ Defence/Para Military services/civil defence)
  - Students trained in fire safety.

### **Roles and responsibilities:**

- Proper maintenance of fire extinguishers. (Check the expire date)
- Ensuring proper fire extinguishers for proper site.
- Monitoring the electric supply points.
- Switch of the main power if possible.
- Members of this team should be able to carry and use fire extinguishers.

## **4. Search and Rescue Team**

- Composition**
- Sports/PT teacher
  - NCC/NSS/Scouts & Guides Teacher.
  - Fire Services representative
  - Civil Defence Trainer.
  - 1-2 parents (from uniformed forces)
  - Able bodied students

### **Roles and responsibilities:**

- After everyone is out take a round around the campus to see if anybody is left behind. (Note: not to go near the effected of danger zone).
- If there is a heavy earthquake situation, the team is not to go inside but to take a round from a safe distance from the building and call the emergency response team.
- If any students are trapped identify if possible the areas where they are trapped.
- Brief the Emergency Response Team about the situation.

## **5. First Aid Team**

- Composition**
- School doctor.
  - School Nurse.

- St. John/Red Cross volunteers.
- Anganwadi workers/ANM
- 1-2 parents (doctors)
- Students trained in first aid.

**Roles and responsibilities:**

- Administer first aid and record all cases & treatment.
- Accompany search & rescue teams during search.
- Help in evacuating seriously injured.
- Aid the physically handicapped.

**6. Coordination Team**

- Composition**
- Members from SDMC
  - NCC/NSS/Scouts & Guides Coordinator.
  - School Monitor

**Roles and responsibilities:**

- Over all coordination of activities under SDMC
- Facilitate and coordinate with other teams.
- To avoid chaos during disasters.
- Systematically move the students to the safety zone.
- If it is an earthquake situation, make them wait in the classrooms and instruct them to be under the table till the tremors are over.

**7. Food, Water and Sanitation Team**

- Composition**
- Science Teacher
  - NCC/NSS/Scouts & Guides students.

**Roles and responsibilities:**

- To ensure safe food and drinking water to everybody.
- Proper maintenance of the available food and water resources.
- Cleanliness of the school and surrounding campus.
- Use of mosquito repellent chemicals.
- Ensure hygienic toilets

**8. Bus/Road Safety Team**

- Composition**
- Teacher (traveling in respective buses).
  - Student getting down at last stop.
  - One senior most student in bus.

**Roles and responsibilities:**

- Pull over to side of road, if possible in open.
- Instruct passengers to crouch down between seats and in aisle until shaking stops, move out and stay till contact with DM department/school authorities.
- Ensure special need students are assisted.
- Assist giving first aid to injured students.
- Establish communication with school Control Room.