

SCHOOL SAFETY INITIATIVE

By



**Revenue and Disaster Management Department
Government of Haryana**

SCHOOL DISASTER MANAGEMENT PLAN

Name of School:

2015-16



**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, HARITA, HISAR		
2.	School Code	1216		
3.	Address	NEAR BABA KALYAN NATH MANDIR, HARITA		
		Telephone	01662-267515	
		Fax		
		Email	Hmgsharita@gmail.com	
4.	Name of the Principal	SH. PYARE LAL		
5.	Contact Details of the Principal	Telephone	9466060321	
		Mobile		
		Email		
6.	Name of the Nodal Officer	PYARE LAL SS. MASTER		
7.	Contact Details of the Nodal Officer	Telephone		
		Mobile	9466060321	
		Email		
8.	Type of School	Boys / Girls / Co-ed.	CO-ED.	
		English / Hindi / Others	HINDI	
9.	School Timings	SUMMER : 8 TO 2.30 PM, WINTER: 9.30 AM		
10.	Total Students	Boys: 55	Total: 103	
		Girls: 48		
11.	Teaching Staff	Male: 05	Total: 06	
		Female: 01		
12.	Non-Teaching Staff	Male: 02	Total: 04	
		Female: 02		
13.	No. of differently abled persons	Students	Teaching staff	Non teaching staff
		Male	01	
		Female		
		Total		

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	PYARE LAL	A+	47	M		HEARING	SOS	9466060321	VPO MANGALI
2	RAJBIR SINGH	AB+	48	M			MATH	9416527624	CHANDER LANE HISAR
3	TULSI RAM	A+	40	M			SOS	9416614325	VO HARIKOT
4	BAJRANG BALI	B+	54	M			SKT	8901345513	VPO MATLODA
5	SATYA RAI	A+	35	M			DRG	9467018437	VPO MIRKAN
6	LUXMI DEVI	A+	57	F			HINDI	9466255224	LAJPAT NAGAR HISAR

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	BHAGWAN DAS	PEON	A+	43	M			9467049512	VPO CANDHU
2	BIMLA DEVI	MALI	B+	56	F				VPO BADYA
3	PREM KUMARI	SWEEP ER	AB+	43	F			9466205605	VPO HARITA
4	DEEPANKAR	CLERK	A+	30	M			9812421708	PARAV CHOWK

1.2 School Building Details

1	Number of Storey	Basement	(Yes / No) NO										
		Storey	NO										
2	Year of Construction (Give details if constructed in parts)	(I) 1956 (II) 2003-04	(III) 2013-14										
3	Number of buildings in the school compound:	3 NEW + 1 OLD = 04											
4	Class Rooms	Number of:											
		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	05	01	02	03	4	2	02	02	04	01	01
	Total												
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	60 ' 60'											
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 st	A					
2 nd	A					
3 rd	A					
	B					

	C				
	D				
4 th	A				
	B				
	C				
	D				
5 th	A				
	B				
	C				
	D				
6 th	A	07	08		15
	B				
	C				
	D				
7 th	A	05	10		15
	B				
	C				
	D				
8 th	A	08	15		23
	B				
	C				
	D				
9 th	A	23	12		35
	B				
	C				
	D				
10 th	A	12	03		15
	B				
	C				
	D				
11 th	A				
	B				
	C				
	D				
12 th	A				
	B				
	C				
	D				
Total		55	48		103

1.3.1 Details of Persons With Disability:

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

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
	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA

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
NA	NA	NA	NA	NA

2.2 Possible Hazards:

Hazards (in and around the school)	Hazard Probability (High / Med / Low)	Possible causes
Road Accidents	HIGH	Main road is near
Flood	Low	Drought prone village
Earthquake	LOW	Earthquake Zonation
Building collapse	LOW	No old building
Epidemic / Contagious disease	LOW	
Fire	MEDIUM	Open Kitchen in school
Heat Wave	HIGH	Summer season
Cold Wave	LOW	Long winter season
Industrial / Chemical hazard	LOW	No industry around
Stampede	LOW	
Animal Bite	LOW	School Near Field
Snake Bite	MEDIUM	School Near field
Food Poisoning	MEDIUM	
Others (specify)		

2.3 Identification of Potential Structural/Non Structural Hazards

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

3.	Chemical bottles	YES
4.	Main Electrical Boards	YES
5.	Hanging Electrical Wires	NO
6.	Suspended Ceilings	NO
7.	Unfixed Almirahs/cabinets	YES
8.	Unfixed wall Frames	NO
9.	Doors/ Windows	YES
10.	Open drains/ gutter	NO
11.	Trees	YES
12.	Defected staircases	NO
13.	Severely cracked walls	NO
14.	Others (specify)	-
	Outside School	-
1	Trees	NO
2	Power Lines	NO
3	Towers	NO
4	Others (specify)	

2.4 Identification of Vulnerable Population

Sr. No.	Category	Total No.	
		Male	Female
1.	Children below 12 years	07	08
2.	Old age people if any		
3.	Students with special medical concerns		
4.	Teaching/Non-teaching staff with ill health		
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	YES	BAJRANG BALI	8901345513
2.	Fire Extinguishers	YES	PYARELAL	9466060321
3.	Ladder (Nos. and Length)			
4.	Rope (Nos. and Length)	02, 30'30	LUXMI DEVI	9466255224
5.	Stretchers			
6.	Torches	01	TULSI RAM	9416614325

7.	Hammers	01	SATYA RAJ	9467018437
8.	Generators / UPS	01	BAJRANG BALI	8901345513
9.	Others			

B. Communication Set up

Sr. No	Type of System	Total No
1	Wireless sets (if nearby Police Station)	
2	Landline telephone	01
3	Internet Facility	01
4	Fax	
5	Other	

C. Transport Facilities

Sr. No	Type of Vehicle	Total No
1	School Bus (with capacity)	
2	4 wheelers (personal)	02
3	2 wheelers (personal)	02
4	Other vehicles	

D. Nearest Resources

Sr. No	Nearest Resource	Distance in Kms	Contact no	Address
1	Police Station/Police Post	8	100	MANGALI
2	Fire Station	22	101	HISAR
3	Primary Health Centre (PHC)	0	243636	Hisar
4	Community Health Centre (CHC)	08	222262	MANGALI
5	Hospital (Public)	22	246296	HISAR
6	Hospital (Private)	22	226720	HISAR
7	Ambulance Services	0	102	MANGALI
8	District Control Room	22	235041	HISAR
9	Other Schools			
10	Others			

3. Response Mechanism

A. School Disaster Management Committee

Sr. No.	Name	Designation	Designation in SDMC	Contact No	Residential Address
1	PYARE LAL	SS MASTER	CHAIRPERSON	9466060321	MANGALI
2	RAJBIR SINGH MM	MATH MASTER	VICE CHAIRPERSON	9416527624	CHANDERLANE HISAR
3	SNEHLATA	HOUSE WIFE	MEMBER	9812690430	HARITA
4	LUXMI DEVI	HINDI TEACHER	MEMBER	9466255224	LAJPAT NAGAR
5	DHARAMBIR	LABOUR	MEMBER	-	HARITA
6	SHIVAN, RAJAT, JAGDEEP, ASHISH KUMAR (STUDENTS)	STUDENTS	MEMBER	-	HARITA
7	TULSI RAM	SS MASTER	MEMBER	9416614325	HARITA
8	MAHABIR PARSAD	SUPDT.	MEMBER	9466381782	HARITA
9			MEMBER	01662-280168	
10	SMT. SANTOSH KUMAR	ANM	MEMBER		HARITA
11	SATBIR SINGH	PANCH	MEMBER	9354157530	HARITA
12	SHISH RAM (DEFENSE)	SUBEDAR (EX)	MEMBER		

13	MANGE RAM		MEMBER		
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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.
1. Early warning, Communication & Awareness Generation Team				
1	PYARE LAL	M	SS TR.	9466060321
2	TULSI RAM	M	SS TR.	9416614325
3	RAJBIR SINGH	M	MATH MASTER	9416527624
4	SATYA RAJ	M	DRG. TEACHER	9467018437
5	BAJRANG BALI	M	SKT. TR.	8901345513
2. Evacuation Team				
1	LUXMI DEVI	F	HINDI TEACHER	9466255224
2	TULSI RAM	M	SS TR.	9416614325
3	PYARE LAL	M	SS TR.	9466060321
4	BAJRANG BALI	M	SKT. TR.	8901345513
5	RAJAT	M	STUDENT	
3. Fire Safety Team				
1	SHIVAM	M	STUDENT	
2	PYARE LAL	M	SS TR.	9466060321
3	ASHISH KUMAR	M	STUDENT	
4	TULSI RAM	M	SS TR.	9416614325
5	SATYA RAJ	M	DRG. TR.	9467018437
4. Search and Rescue Team				
1	RAJBIR SINGH	M	MATH MASTER	9416527624
2	SATYA RAJ	M	DRG. TR.	9467018437
3	BAJRANG BALI	M	SKT. TR.	8901345513
4	DEEPANKAR	M	CLERK	9812421708
5	PYARE LAL	M	SS TR.	9466060321
6	SHIVAM	M	STUDENT	
5. First Aid Team				
1	PYARE LAL	M	SS TR.	9466060321

2	LUXMI DEVI	F	HINDI TR.	9466255224
3	TULSI RAM	M	SS TR.	9416614325
4	SATYA RAJ	M	DRG. TR	9467018437
5	BAJRANG BALI	M	SKT. TR.	8901345513

6. Water and Sanitation Team

1	BHAGWAN DAS	M	PEON	9467049512
2	PREM KUMARI	F	SWEEPER	9466205605
3	BIMLA DEVI	F	MALI	
4	JAGDEEP	M	STUDENT	
5	SHIVAM	M	STUDENT	

7. Road Safety Team

1	PYARE LAL	M	SS TR.	9466060321
2	TULSI RAM	M	SS TR.	9416614325
3	RAJBIR SINGH	M	MATH MASTER	9416527624
4	BHAGWAN DAS	M	PEON	9467049512
5	LUXMI DEVI	F	HINDI TR.	9466255224

8. Coordination Team

1	PYARE LAL		SS TR.	9466060321
2	RAJBIR SINGH		MATH MASTER	9416527624
3	TULSI RAM		SS TR.	941661325
4	BAJRANG BALI		SKT. TR.	8901345513
5	SATYA RAJ		DRG. TR.	9467018437

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.**

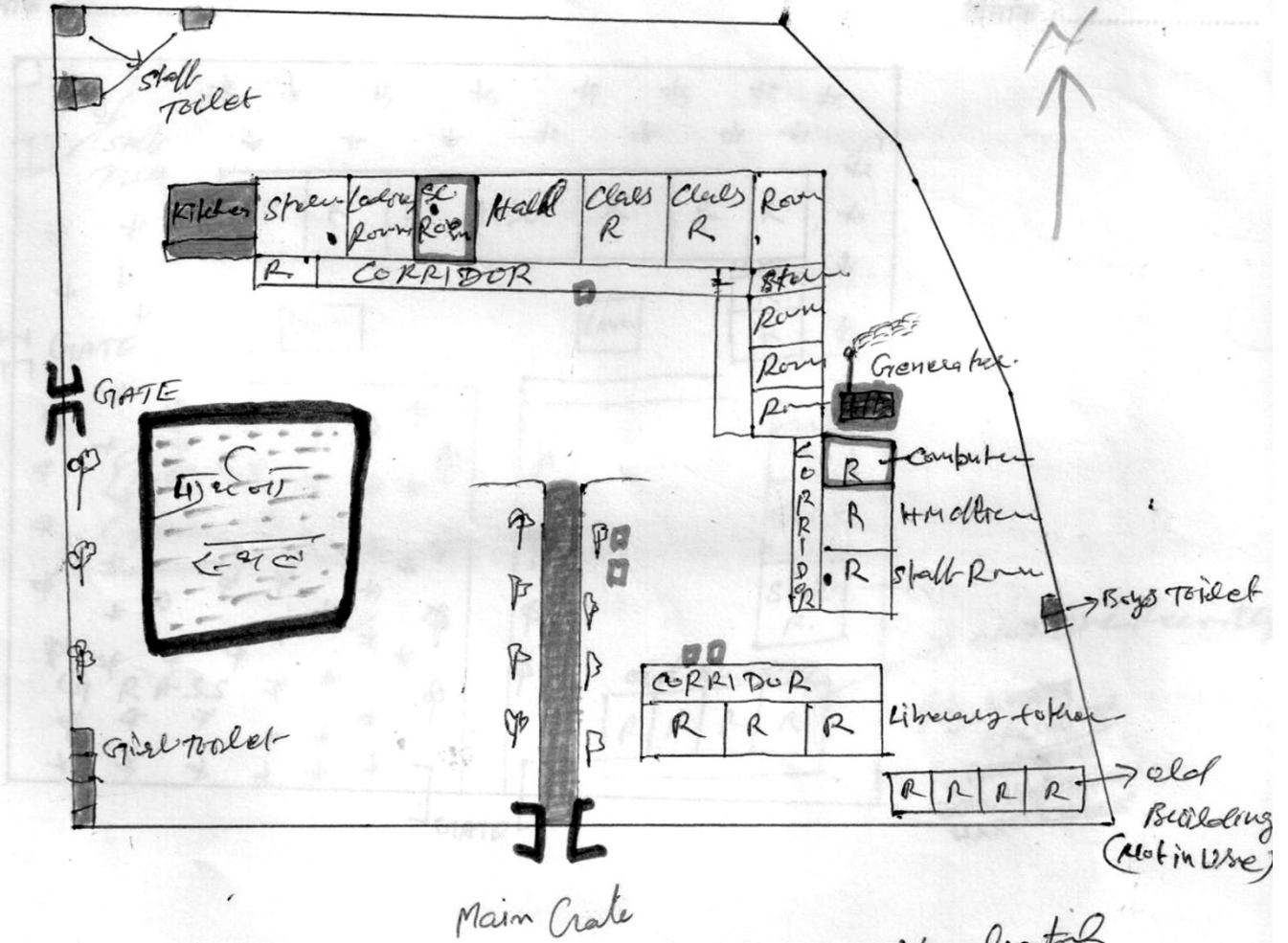
Sample Floor Map showing safe evacuation routes

SHOWING MAJOR LANDMARKS




REAL SHAPE OF THE SCHOOL

क्रमांक :

दिनांक :



INDEX

-  Vulnerable Points
-  Safe Points / Resources
-  Fire Extinguisher

Headmaster
 Headmaster
 Govt. High School
 Harita (HISAR)

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 desk 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.