

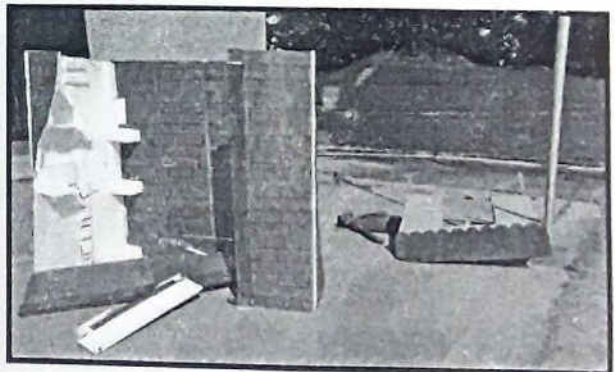
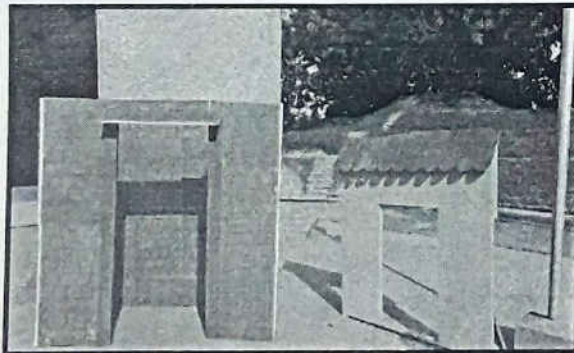
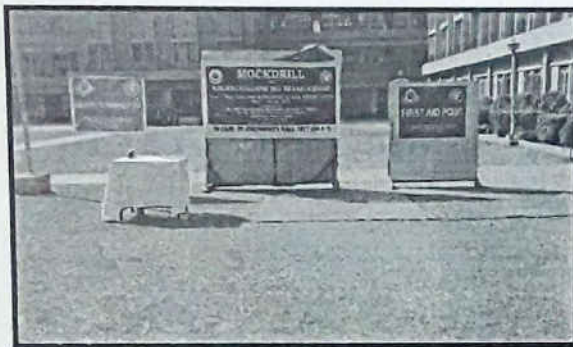


OFFICE OF THE DISTRICT MAGISTRATE (WEST)
DISTRICT DISASTER MANAGEMENT AUTHORITY (WEST)
GOVERNMENT OF THE NCT OF DELHI
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**REPORT OF MOCK DRILL AT HOLY CHILD SENIOR SECONDARY PUBLIC SCHOOL
ON THE SCENARIO OF BUILDING COLLAPSE DUE TO EARTHQUAKE ON**

21-DEC-2016



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INTRODUCTION

A mock drill was conducted in Holy child senior secondary school public school, Tagore garden by DDMA (West), on 21nd Dec 2016 at 11:58 AM. This mock drill was conducted under supervision of District Magistrate (West), **Sh. Azimul Haque** and Additional District Magistrate **Sh. Govind Ram**. It was purely a surprised Mock Drill based on the scenario of building collapse due to earthquake.

The major focus area for this entire exercise was to check emergency preparedness of the ESFs in the case of such kind of disaster, and to assess the response time as well as their response mechanism.

OBJECTIVE

The objective encompassed in the Mock drill was to corroborate the Standard Operating Procedures (SOPs) of various departments, highlighting the roles and responsibilities of different stakeholders at disaster situation and assess their capacities, creating general awareness amongst the community.

SCENARIO

On 21st December, 2016, at around 11:58 AM, some jerks of earthquake were felt in District West. During the Jerks part of the school building collapsed and stampede occurred at Holy child senior secondary school public school, Tagore garden. The total strength of 2500 students was present at the time hence stampede occurred as the girls (students) started running outside towards the open area. During the stampede and building collapse which occurred because of earthquake jerks there were 14 casualties. Out of total 14 casualties, 08 girls were minor injured, 04 were major injured and 02 got dead. Minor casualties were got First-Aid at the incident site, the major causality was taken to Guru Govind Singh hospital and the dead were taken to the mortuary of Deen Dayal hospital.

STRATEGY OF IMPLEMENTATION

Step 3:

On 12th December, 2016, it was decided with the consent of Additional District Magistrate (West) that, DDMA (West) will conduct a mock drill on the above mentioned scenario.

Step 2:

On 14th December, 2016, District Project Officer (West) visited the site which was chosen for the Mock Drill and the School Staff was briefed regarding the scenario of Mock Drill as well as the Date and Time was also finalized.

Step 3:

1. On 21nd December 2016 at 11:58 AM, Mock Drill was started as per decided scenario and a representative from the School informed Disaster Control Room (1077) regarding the part of building collapse due to earthquake, in which some students were injured. After that Disaster control activated all ESFs and also informed EOC (West).

2. Calls were made to the concerned ESFs i.e., Police, Fire, St. Johns Ambulance, DHS, Civil Defense, Traffic Control, MCD, CATS ambulance, etc from the Emergency Operation Center of District Disaster Management Authority (West).
3. EOC (West) stayed connected with the incident commander at the location of incident through telephone and wireless communication.

DETAILED REPONSE TIME LOG OF VARIOUS DEPARTMENTS

S. No.	NAME & DEPARTMENT	TIME OF CALL	TIME OF RESPONSE
1	Disaster Control Room	12:00 pm	-
2	Police Control Room	12:00 pm	12:12 pm
3	Fire Control Room	12:01 pm	12:18 pm
4	CATS	12:02 pm	12:35 pm
5	QRT(W)	12:02pm	1:13 pm
6	CDMO, Dr. Sunita Prasad	12:03pm	12:28 pm
7	Sh. Ojas Walia, (St. John Ambulance)	12:03 pm	12:07 pm
8	D. W. (Rajouri Garden) Sh. Joginder Singh	12:03 pm	12:18 pm
9	S.H.O, Sh. Keshav Mathur (Rajouri Garden)	12:00 pm	12:16 pm
10	Sh. Virende Singh SDM, Rajouri Garden	12:02 pm	-
12	Sh. Govind Ram ADM(W)	12:01 pm	-
14	Sh. Vijay Kumar (DCP-W)	12:04 pm 12:09 pm	-
15	Mr. Suresh Kumar Malik ICD(W)	12:03 pm	12:18 pm
16	Sh. Mukesh Verma, DFO	12:34,12:37 pm(101)	12:18 pm
17	Sh. Rjnikant Awadhiya ACP/Traffic	12:03 pm	12:21 pm
18	Sh. P.C Meena SE/MCD	12:04 pm 12:09 pm	12:13 pm
19	Sh. Manmohan SE/PWD	12:05 pm (s. off)	12:25 pm
20	Sh. Jitender Sharma DGM/BSES	12:06 pm	12:33 pm
21	Sh. Pradeep Kumar T.I (Mansarovar Garden)	12:07 pm	12:21 pm

Evacuation, Search and Rescue:

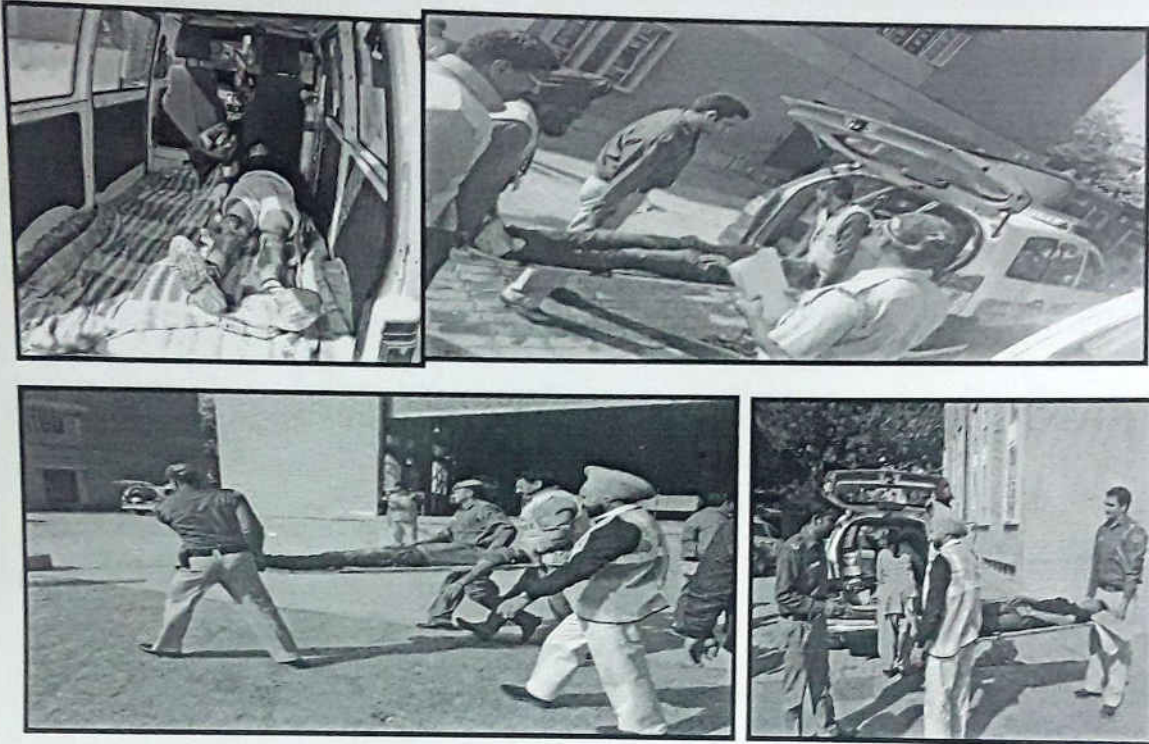


The nodal departments namely QRT of DDMA (West), Delhi Police, Delhi Traffic Police, Delhi Fire Service, St John Ambulance, Volunteers of Civil Defence etc carried out the rescue operation.



A scenario of 02 deaths, 04 students seriously injured and 08 students having minor injuries was created inside the premises of school. Those injured were rushed to the neighbouring hospitals.

Details of Casualties sent to different neighbouring hospitals:



S.No	Name of the Neighbouring Hospitals	Number of Casualties
1	Guru Govind singh Hospital	4(Seriously Injured)
2	DDU hospital	2 (Dead)

ANALYSIS OF MOCK DRILL

Strengths:

1. Many Emergency Support Functionaries displayed good response.
2. The exercise generated a lot of awareness about such kind of scenario among various departments as well as school.
3. Evacuation operation was carried out properly by Delhi Police, QRT (W) and Civil Defense. All the casualties were rescued and evacuated from the incident site.

4. St. John Ambulance Brigade did the work of First Aid properly and all major injured casualties were shifted to nearby hospitals by ambulance, PCR and QRT very efficiently.
5. The School teachers were very active and responded quickly during the scenario and conducted quick evacuation of all the students from the building.

Weaknesses and Suggestions:

1. The road outside school had parking both sides which was a hindrance in the commuting of emergency vehicles.
2. Though the school staff was active and proper siren for evacuation is in place but they did not have proper signage to show the path of evacuation. There was no arrangement of any help desk to inform the parents of students. The School needs to practice their Disaster Management Plan/evacuation plan.
3. Civil Defense volunteers actively participated in evacuation of dummy causality but during the scenario it was seen that they some of the members were not able to carefully evacuate casualties.
4. All the ESFs can coordinate in a much better way if they are also provided with TETRA sets working at the same frequency as that of DDMA.

BRIEFING SESSION OF THE MOCK DRILL

A briefing session was held at the end of this mock exercise, in which department heads of all the present ESF's and school staff participated. The session was arranged by District project officer (DDMA, West) and Project Coordinator (DDMA, West). In this session following points came in the light:

- **Sister Welsa, Principal** of the school appreciated the efforts of DDMA(West) officials, and added that "Since disaster always happens unannounced such preparedness is necessary and the mock drill was very useful for the students and the staff of the school. It gives them insight into how to manage adverse situation in a effective manner".
- According to, **DDMA (West) officials** "all the ESF's showed promptness and effectively handled the scenario, though there is still time delay in their response".

- It was also observed that the students while evacuating the building premises did not follow any measures to protect themselves and some of them very carelessly running while coming out of the building.
- There was neither proper signage for evacuation nor there was any such plan which the school followed. Thus it was suggested to the school to make a disaster management and evacuation plan and follow it.



In the end, we can conclude that, the representatives of all departments appreciated the efforts of all the ESFs who participated in the mock drill as well as the Holy Child Senior Secondary Public School preparedness and involvement in the mock drill and proposed that more mock drills would be organized in future to check the preparedness of various departments and all the ESFs will try to improve and implement the suggestions which came up during the entire mock exercise.

[Signature]
29/11/16

(GOVIND RAM)
ADM/CEO-DDMA(W)
DISTRICT WEST, DELHI