



Urban Community Volunteer Training Programme

On

Collapsed Structure Search, Rescue, Firefighting and First Aid

Implemented by

Fire Service and Civil Defence Directorate



Supported by

Comprehensive Disaster Management Programme (CDMP-II), Disaster Management and Relief Division, Ministry of Food and Disaster Management.



Background

Bangladesh is well known as a disaster prone country. Almost every year people suffer from different kinds of natural as well as man made calamities and lose their lives and valuable properties. Flood, storm, tidal wave, tornado, heavy rain, Land Slide, draught are common natural disasters and side by side

man made disaster like fire, building collapsed & water logging are increasing rapidly. Moreover the disaster which has no precautionary forecast system before onset like earthquake is now burning issue in our country which is expressed significantly by the experts and Dhaka has been identified as the second risky city in the world.

FSCD plays an important role as the first responder but the manpower of this department is inadequate. It is impossible to face the challenge of big disaster with the limited manpower. For this reason the present government and experts have taken initiative to develop community volunteer like the developed countries. In that context from 2008, 62000 urban community volunteers development program has been launched through out the country in every City Corporation and District level. Meanwhile urban community volunteers have been developed through the training program about search & rescue, fire fighting and first aid. It is mentionable that urban community volunteers training program is going on under the technical support from comprehensive disaster Management Program (CDMP) of Ministry of Food and Disaster Management (MoFDM).



Volunteer Participants are engaged in hands-on training



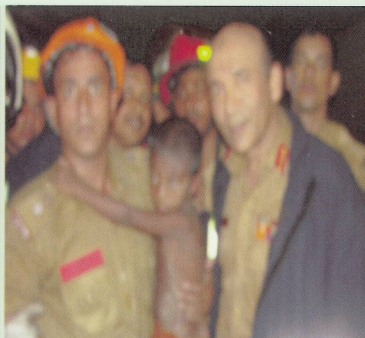
Trapped persons are being rescued with rope sliding in a mock drill



Volunteers are practising the use of fire extinguisher to put off fire



Urban volunteers are seen engaged in first aid training



DG of FSCD himself is present in a rescue operation



Volunteer Participants are engaged in MFR training exercise

Vision

To address the urban disaster, urban community volunteer have been trained up to gain knowledge & skills through training program.

Mission

- To develop 62 thousand volunteers to face the disaster in urban area.
- To Institutionalize the urban community volunteer training programme.
- To strengthen the capacity of community level volunteer by providing training to face the disaster.
- To minimize the loss and damage in urban area through the joint effort of the FSCD directorate and other responding organization.

Aim

- On arrival of FSCD and other service orientated organization in the scene of incident the community volunteer will assist them in getting avail information as well as rescue activities.
- Conduct search and rescue activities rapidly at the affected area.
- To rescue trapped victims from the collapsed structure.
- To minimize the number of casualties and death
- To provide first aid to the victim and send them to the hospital-Medical Centre,
- To assist FSCD and other service orientated organizations.



Preface of the urban community volunteer training program

In June 2008 his Excellency Mr. Stephen Frowein Ambassador, European commission handed over operational equipments to Brig. General Abu Nayeem Md. Shahidullah, Director General, Fire Service and Civil Defence Directorate to strengthen operational activities. Major M M Motiur Rahman, Director (DTP) FSCD. made a presentation on Urban Community Level Volunteer Training Project on behalf of the Director General on the occasion of the reception ceremony which was arranged for the honor of his Excellency and head of delegates of European Commission instantly agreed about the development of the urban community volunteer Training programme. Since then this project went into operation.



His Excellency Mr. Stephen Frowein handed over operational equipments to Director General, FSCD.

Commitment of the National Leaders & Dignitaries

Honorable Prime Minister, Food & Disaster Management Minister and other national leaders are keenly interested to mitigate the loss & damage of lives & properties through various project due to natural and man made disaster in every year. Besides this experts and civil society feel that though it is impossible to stop natural disaster but taking various steps & preparation in view of reducing risk about disaster, it is possible to mitigate the suffering of the people. It is mentionable here that FSCD is empowered by the Ministry of Food & Disaster Management as per Standing Order of Disaster (SOD) to develop urban community volunteer.



DG, FSCD, Ian Rector, and City Mayor, Sylhet are seen in the opening ceremony of volunteer training programme.



Prof. Jamilur Reza Choudhury and DG, FSCD are seen with volunteers.



VC, Dhaka university is addressing in a closing ceremony of volunteer training programme.



DG, FSCD handed over the Departmental crest to state minister for primary and mass education ministry.

Instructors and the content of the training Programme.

Medical first responder course and collapsed structure Search & Rescue course was held for FSCD officers in 2004 by the International standard foreign Instructors under the technical and financial support of NSET, PEER USAID in Collaboration with Ministry of Food and Disaster Management, Bangladesh A good number of officers of Fire Service & Civil Defence has been developed as international instructor through the training programme. Eventually they played an important role as instructor, course co-coordinator which is praised by the respective countries.

These Master Instructors developed the Course Manual of Urban Community Volunteer training programme following the Internationally practiced guideline to cope with our national disasters. Our experienced instructors were deployed to train the Community volunteers which highly appreciated by all sectors.

Six MFR & CSSR graduates of FSCD Directorate has been successfully completed urban search and rescue course from Singapore Civil Defense Academy under financial support from CDMP.



PEER graduates are seen with regional and national instructors

Director General of FSCD Directorate & a Deputy Director joined a workshop on Urban Search and Rescue Programme in Singapore. Later on one of the directors and an officer have successfully completed Urban Search and Rescue Advanced Course.



Content of the Training Programme

Course Introduction

- Orientation of the instructors, participants & support staffs.
- Content of the course & ground rules
- Facilities available in the course.



Volunteerism

- Criteria of Volunteers.
- Purpose of Community Volunteers.
- Quality of an ideal Volunteers.

Earthquake Management:

- Definition of the earthquake, causes, magnitude and intensity.
- What to do before earthquake, during earthquake & after earthquake.



Chart of Operational Activities of Urban Volunteers with PSCD Professionals

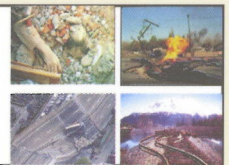


Organization of CLCSSR & Operational Activities:

- Operational squad
- Operational steps
- Span of operation

Construction Materials & Collapsed Types:

- Construction materials & collapsed types location.
- Possible void space where victims can survive.

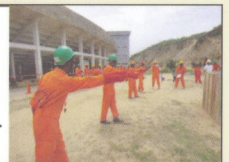


Operational Safety:

- Safe and unsafe working place.
- Safety plan.
- Personal protective equipments.
- Duties and responsibilities of the safety officers.

Search and Locating Techniques:

- Procedures & types of search.
- Victim marking system.
- Collapsed building marking system.



Content of the Training Programme

Tools Equipments & Accessories:

- Definition
- Maintenance
- Operational procedures



Rescue Techniques & Procedures:

- Procedures to contact with victim.
- Condition need to be considered before approaching to the collapsed structure.
- Cutting and penetrating procedures.

Emergency Rescue Method Lifting & stabilizing load.

- Emergency Rescue Method.
- Method of Lifting & stabilizing loads.

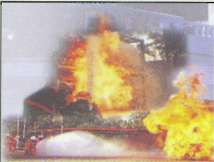


First Aid & Patient Assessment:

- Wound & first aid of bleeding.
- Splinting and first aid of fracture.

Wounds and Fracture:

- Definition
- Span of providing first Aid
- Patient assessment procedures.



Fire Fighting and Evacuation:

- Definition, types
- Classification of fire
- Extinction of fire as per classification
- Evacuation.

Practical Fire Fighting:

- Operationd demonstration of the volunteer
- Practical fire fighting
- Practical Rescue



Work plan of operational activities of FSCD with 40 urban community volunteers.

Volunteer 40 person
Fireman 03 person



Search Team-01
06 Members
Team Leader-01 (Fire man)
Search Team-01+02

- Function of search team**
- Collect information & co-ordination.
 - Ensure safety in scene of incident.
 - Assess structure & assess safety.
 - Conduct physical search & rescue trapped victims.
 - Conduct building marking.
 - To prepare Diagram.



Search Team-02
06 Members



Rescue Team-01
11 Members
Team Leader-01 (Fire man)
(Rescue Team-01+02)

- Function of rescue team**
- Rescue trepid victim.
 - Ensure safety in work area.
 - Contact with victim & apply rescue technique.
 - Cut metal, wood, break or concrete.
 - Remove debris.
 - Approach to the victim & conduct rescue.



Rescue Team-02
11 Members



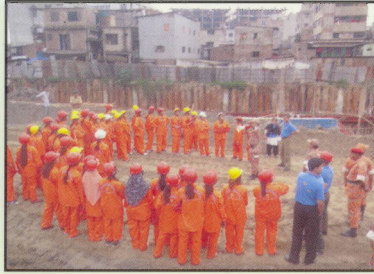
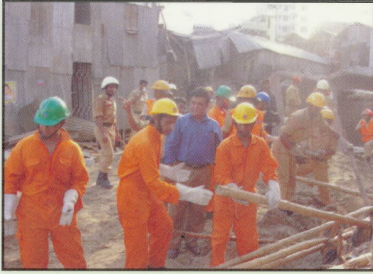
First Aid team-06 Members
Team Leader-01 (Fire man)

Function of First Aid team

- To save life/Ensure relief of the pain. ■ To stop bleeding. ■ To ensure artificial respiration.
- To treat for shock. ■ To prevent aggravation of the patients conditions.
- To assist for recovery or betterment of the worse conditions. ■ To immobilize the broken bone.

Success Stories of the Volunteers

FSCD has developed around 12000 Volunteers in three city corporation under pilot project & main project. In the meantime the trained Volunteers gained confidence after taken part in various operational activities in different areas of the country which is highly appreciated by the government, Civil society, print & electronic media. Recently Volunteers willingly took part in the battali hill, ctg. Land slide operational activities. we are hopeful that after gaining experience from small scale



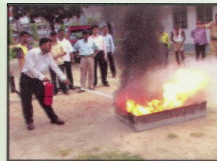
rescue activities, they will able to assist distress people in case of big disaster. Recently FSCD conducted a number of courses for Bangladesh Armed Forces Division, Ansar, BNCC officers on collapsed structure search & rescue, Fire Fighting & First Aid. FSCD also provides training programe for School safety, Hospital safety, Garments safety and land Slide.



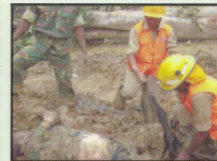
School safety



Hospital safety



Garments safety



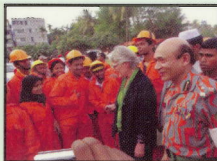
land Slide



Deligates of Chaina in trg. prog.



AFD ToT Prog.



Ms. Margareta Wholstorm with volunteers



BNCC Trg. Prog.



Japanees Deligates with volunteers



DG Fire and Deligates of Srilanka are seen

Gratitude

FSCD directorate pays her special gratitude to all donor agencies for financing to reduce the disaster risk in the South Asian development country like Bangladesh. Specially thanks to UK Aid, European commission, SIDA, Australian Aid, Norway Embassy & UNDP, Comprehensive Disaster Management Program, Disaster Management and Relief Division, Ministry of Food and Disaster Management Ministry of Home Affairs, Ministry of Health, Ministry of Information and Technology, City Corporations, Electronic and Print Medias, NARRI Consortium and its Partners for extending their cooperative hands to FSCD directorate to develop the community volunteer to face the challenges such as natural or man made disasters. So, we pay our homage & tributes to them.