

**Fire Hazard, Mock Exercise**

**Gurgaon, Haryana**

## **Fire Hazard, Mock Exercise – Gurgaon, Haryana on**

**01 December 2006**

1. The Mock Exercise was conducted on Fire in a high rise building (DT Mall City Centre) in Gurgaon on 01 December 2006. Gurgaon was selected as it has over 450 high rise buildings and is an emerging township of NCR, hosting a large number of MNCs. The Exercise also depicted chemical leakage from a vehicle parked nearby.

### **Detail of Participants: -**

2. **Local People:** Stakeholders, Members of RWAs, School children and prominent citizens of Delhi/Gurgaon witnessed the event to generate public awareness.
3. **Neighboring State/s:** DG Fire Services and Fire Services Chiefs of Delhi & Karnataka.
4. **National Disaster Response Force:** One Team.
5. The Mock Exercise was witnessed by the Vice Chairman & Members, NDMA.

### **Remarks: -**

6. The main gain of this Exercise was spreading general awareness, especially at community level.



















# Fire drill ends with ITBP man's death in Gurgaon

## Tragedy Hits First Exercise On Chemical Leakage

Dipak Kumar Dash | TNN

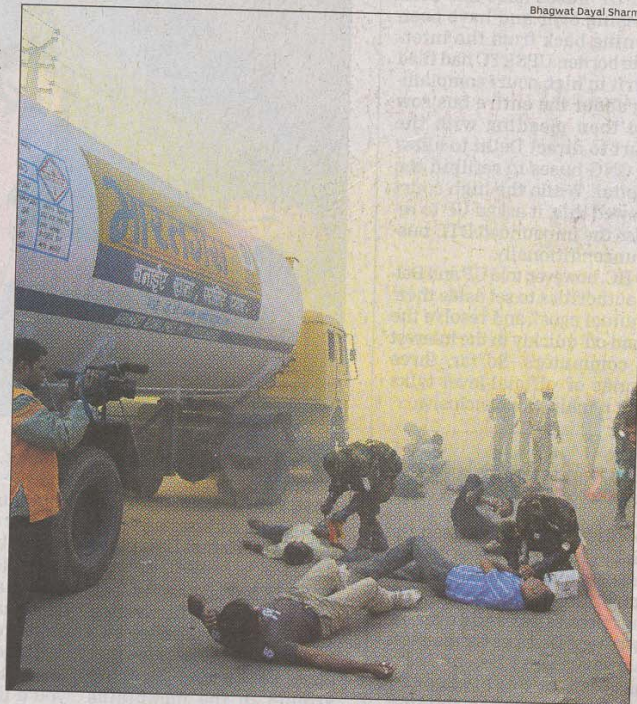
**Gurgaon:** An Indo-Tibetan Border Police jawan was killed after a fire brigade vehicle hit him during a disaster management drill at DLF City Centre on Friday morning. This was the first mock exercise on chemical leakage carried out by National Disaster Management Authority (NDMA) in Gurgaon.

According to NDMA officials, the jawan, Ramanand Negi, was posing as an affected person at the site when gas cells were fired to create a real-life situation. Then a fire brigade vehicle bearing registration no HR 55D 9380 came at high speed and hit him after the driver failed to see Negi lying on the road because of smoke emanating from the site. Gurgaon SSP has already started an investigation into the incident. The ITBP is also conducting a court of inquiry to find out the cause of accident.

NDMA vice-chairman N C Viz said that the inquiries will look into all aspects of the incident. Besides, Union home minister and Haryana chief minister, the Authority has also informed the prime minister, who is also the chairman of NDMA, about the incident.

An official involved in the exercise told ToI that the National Disaster Response Force (NDRF) was supposed to fire only one gas cell, but it fired about four cells to create more smoke.

ITBP deputy commandant J S Sangwan said that there was no fault on the part of the jawan in the



**STRUCK:** A fire brigade vehicle failed to notice the jawan because of smoke  
entire incident.

Meanwhile, main question is whether there was a lack of communication among various agencies taking part in the exercise, which led to such an incident. NDMA had held a series of meeting with all concerned officials in Gurgaon for smooth conduct of this

mock drill. "It was an unfortunate incident. We have written to the union home ministry and DG, ITBP for financial compensation to the victim. Now, we are taking all possible measures to ensure that such incidents never happen again," said NDMA member Gen (retd) J R Bhardwaj.

## गुड़गांव में आपदा प्रबंधन के अभ्यास में जवान की मौत

डीएलएफ, (गुड़गांव) जासकें : गुड़गांव-महरीली रोड पर डीटी सिटी सेंटर मॉल के बाहर अफरा-तफरी भरे 35 मिनट। आपदा प्रबंधन में जुटे जवानों में कहीं कोई तालमेल नहीं। सबकुछ पूर्व निर्धारित होने के बावजूद सड़के जाम। नतीजा आईटीबीपी के एक जवान की दमकल गाड़ी से कुचलकर मौत और फिर सबकुछ शांत। यह सब हुआ राष्ट्रीय आपदा प्रबंधन प्राधिकरण के पूर्वाभ्यास के दौरान। किसी आतंकी घटना से निपटने के लिए किए गए इस पूर्वाभ्यास में खामियां ही खामियां दिखाईं। बाद में अफसर इन खामियों पर बगले झांकते नजर आए।

राष्ट्रीय आपदा प्रबंधन प्राधिकरण (एडीएमए) व आईटीबीपी की आपदा इकाई व जिला प्रशासन के संयुक्त तत्वावधान में हुए पूर्वाभ्यास के दौरान जब सिटी सेंटर की ऊपरी मंजिल पर स्मोक बम से धुआं छोड़ा गया और आग लगने की सूचना मिलते ही पूरा प्रबंधन विभाग हरकत में आ गया। पूरा क्षेत्र पुलिस, दमकल विभाग व एंबुलेंस के सायरनों से गुंज उठा। आग लगने की सूचना दमकल विभाग को दी गई। सूचना मिलते ही दमकल गाड़ियां सेक्टर 29 दमकल केंद्र से पांच मिनट के भीतर मौके पर पहुंच गईं और आग बुझाने का अभ्यास शुरू हुआ। यह सब महज रीहर्सल थी, मगर दमकल और एंबुलेंस की गाड़ियों को जमा देख आसपास के लोग कयास लगाने लगे कि मॉल में सचमुच आग लग गई है और देखते ही देखते वहां भारी भीड़ जुट गई। इस बीच, सरकारी व निजी अस्पतालों के एंबुलेंस का काफिला सड़कों पर दौड़ता रहा और लोग भ्रम की स्थिति में रहे। वाहनों में बैठे लोग भी गाड़ियों के सायरनों से सहमे हुए दिखाई दे रहे थे। दमकल गाड़ियों के पहुंचने व शापिंग मॉल से लोगों को निकालने का अभ्यास चल ही रहा था कि इतने में शापिंग मॉल की दाईं ओर केमिकल में आग लगने का पूर्वाभ्यास शुरू कर दिया गया, जिससे फैले धुएं ने सबकुछ ढक दिया। मॉल के प्रवेशद्वार पर प्राथमिक चिकित्सा केंद्र बनाया हुआ था, जहाँ मॉल से लाकर लोगों को लिटाया जा रहा था। इतने में भीमनगर के दमकल केंद्र की गाड़ी आई और प्रवेशद्वार पर तैनात आईटीबीपी के जवान रामानंद को कुचल दिया। उसकी मौके पर ही मौत हो गई। यह जवान आईटीबीपी की छठी बटालियन में शामिल था। जिस जगह आईटीबीपी का जवान दमकल गाड़ी से कुचला गया, वहीं मॉल से निकाले गए बीस लोगों को लिटाया गया था। यदि दमकल गाड़ी तुरंत नहीं रुकती तो और भी बड़ा हादसा हो सकता था।

धुएँ के कारण चालक यह नहीं देख सका कि कौन कहाँ है। जवान करीब पीने बारह



गुड़गांव-महरीली रोड स्थित डीटी सेंटर में शुक्रवार को आपदा प्रबंधन के अभ्यास के दौरान फायर टेंडर के नीचे कुचला गया आईटीबीपी का जवान (लाल घेरे में)।

♦ संभावित आतंकी घटनाओं से निबटने की इस राष्ट्रीय आपदा प्रबंधन के पूर्वाभ्यास में रहीं खामियां ही खामियां

बजे गाड़ी से कुचला गया। इसके बाद आईटीबीपी की आपदा कैंप में सन्नाटा पसर गया। इसकी सूचना उच्चाधिकारियों को मिली तो कुछ ही मिनटों में ही करीब 11.50 पर अभ्यास बंद कर दिया गया। एडीएमए के वाइस चेयरमैन जनरल (रिटायर्ड) एनसी विज ने भी जवान के मरने की पुष्टि की और इस घटना को दुर्भाग्यपूर्ण बताया।

उन्होंने कहा कि पूर्वाभ्यास के दौरान हुई दुर्घटना की जांच के निर्देश प्रवर पुलिस अधीक्षक व आपदा प्रबंधन कमेटी के जिलाध्यक्ष उपायुक्त को दिए गए हैं। आपदा प्रबंधन पर यह दूसरा राष्ट्रीय स्तर का पूर्वाभ्यास था। इससे पहले नोएडा में पूर्वाभ्यास किया जा चुका है।



THE PIONEER  
02 DECEMBER 2006

## ITBP jawan killed in mock drill

Staff Reporter | Gurgaon

An Indo-Tibet Border Police (ITBP) jawan died during a fire-cum-chemical mock exercise at DT Mall in Gurgaon on Friday. A Gurgaon fire brigade vehicle thrashed Ramanand at the drill in smoke cloud.

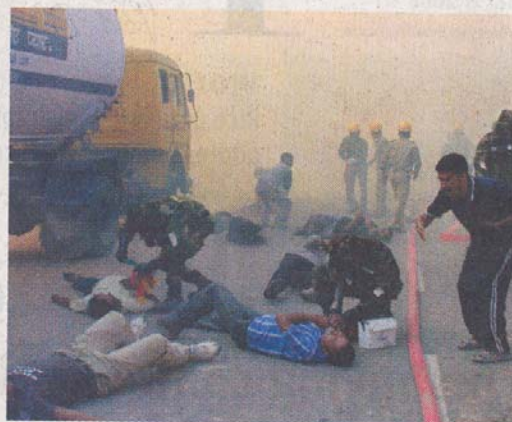
The mock disaster turned out to be a real tragedy for the National Disaster Management Authority (NDMA), which was also a part of it. The unfortunate death of ITBP jawan has left the officers of the concerned Government organisation involved in the mock drill, without any authentic answer. No one commented on the incident.

"We are doing the investigation and trying to find out the responsible person. Only after the report comes, we can say whether it was driver's fault or the jawan's mistake," said Gen NC Vij (Retd.), vice chairman of NDMA. When asked about

Ramanand, he digressed and passed the mike to the other person sharing the dice with him in the Press meet.

The incident happened while carrying out the chemical leakage mock exercise at DT Mall, after completing the mock fire exercise in the same venue. First of all, police assigned to conduct the exercise had vacated one side of the road. Ramanand with other jawans was mockingly lying fainted due to the gas leakage, as part of the exercise.

The whole sky was filled with smoke making everything invisible. Then suddenly a Gurgaon fire brigade vehicle came towards the victim and thrashed him. He died on the spot. Due to the artificial smoke it had become difficult to confirm Ramanand's death. Taking this advantage Gurgaon police carpeted his body and rushed to the nearest civil hospital.



Mock drill site in Gurgaon

PTI

The police clandestinely cleaned the blood from the road with an intention to wipe out the matter.

Police have even threatened some photo-journalists, preventing them to take snaps. Police reiterated on disclosing nothing; not even

the name of the victim till the investigation were over.

The mock drill was performed after a lot of publicity and home works by the NDMA and Haryana Government. Almost a month ago things were finalised.



THE HINDUSTAN TIMES  
02 DECEMBER 2006



MANOJ KUMAR/HT

A disaster management drill at the DT mall.

## Drill turns disastrous, one dead

Sanjeev K. Ahuja  
Gurgaon, December 1

AN ITBP jawan was crushed to death by a fire tender during a mock fire-fighting exercise conducted at the DT City Centre Mall on MG Road on Friday.

Ramanand Negi and eight other ITBP jawans were lying, feigning unconsciousness, between a tanker loaded with liquid chemical - which all those taking part had to pretend was 'leaking' - and a truck containing LPG cylinders. The ITBP had lit two smoke candles to simulate smoke coming out of the chemical tanker.

Gurgaon Senior Superintendent of Police Hanif Qureshi said: "The driver of the fire tender that was called in to douse the mock 'fire' did not see the person lying at the drill site, probably because of the smoke, and ran over him. It is a case of negligence and we have registered a case against the driver." Negi, 30, hailed from Himachal Pradesh.

The National Disaster Management Authority and district administration officials, who organised the event along with a dozen other agencies termed the drill "successful" and said the incident was only an "accident".

D.S. Sangwan, deputy commandant, ITBP, however, said: "It is a clear case of negligence - not merely an accident. The idea of introducing the fire tender during the chemical-leakage drill was not in the original plan."

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**Fire Hazard, Mock Exercise –**  
**Srinagar (J&K)**

## **Mock Exercise on Urban Fire in down town Srinagar.**

1. Srinagar was chosen for Fire Mock Exercise as it is vulnerable to urban fire, especially in the down-town area.
2. The Coordination-cum-Orientation Conference was held in Srinagar on 12<sup>th</sup> May, 2007 and the Table Top was conducted in DC Conference Hall on 31 July 2007.
3. The Mock Exercise was conducted on 19 September 2007 in Kral Khud area of Habba Kadal, Downtown Srinagar.

### **Details of Participants**

#### **Orientation-cum-Coordination Conference**

4. Divisional Commissioner, Srinagar, Secretary (Revenue) and Joint Director, DG (Fire Services), IG (Law & Order), DIG, CRPF, representatives from Army, NCC, BSF, ITBP, Executive Officer, Srinagar Municipal Corporation, Revenue, Supply, Communication, Doordarshan, All India Radio. The Specialist (Training & Capacity Development), NDMA conducted the Conference and briefed the participants on the objectives and role of each stakeholder in Table Top & Mock Exercise. The area of the Exercise was selected in Kral Khud of Habba Kadal. It is a congested area in down-town Srinagar. In all about 80 officials participated.

#### **5. Table Top Exercise**

- a) **NDMA**. Shri J.K. Sinha, Hon'ble Member and Brig. (Dr.) B.K. Khanna, Senior Specialist (Training & Capacity Development).
- b) **J&K State**. Shri G.A. Bhat, DG Fire & Emergency Services and Shri Navin Aggarwal, IG Civil Defence, Home Guards & Auxilliary.
- c) **Divisional Commissioner, Kashmir and DC Srinagar Urban**. Additional Commissioners Kashmir, Jt. Directors Fire & Emergency Services, Kashmir and Jammu Division, Command Srinagar Fire Services & other Fire & Emergency Services Officials, Additional DC Srinagar, Faculty from Govt. Hospital, SHO Kral Khud, District Supply Officer, SE PHE, SE



Electricity Department, Additional Director Health Services, Srinagar Municipal Corporation, representatives from CRPF, ITBP, BSF, NCC, Wardens of Civil Defence Srinagar etc. In total there were more than 55 persons. Selected stakeholders gave their presentation. Thereafter, three main scenarios and a number of connected situations were painted and responses of concerned stakeholders were sought.

## 6. Mock Exercise

- |            |   |   |
|------------|---|---|
| a)         | <u><b>NDMA</b></u>                      | - Brig. (Dr.) BK Khanna   |
| b)         | <u><b>Divisional Commissioner's</b></u> | - Mr. Abdul Rashi Ali,  |
| Additional | <u><b>Kashmir</b></u>                   | Commissioner (Relief & DM),<br>Mr. M Afzal, Additional<br>Commissioner (Revenue) and<br>Mr. Amir Ali, UNDP  |
| c)         | <u><b>DC, Srinagar</b></u>              | - Mr. Ejaz Iqbal, IAS, DC, Mr.<br>Jain, SSP, Mr. GA Bhat, DG,<br>Fire Services, Mr. Haq, Joint<br>Director, Fire & Emergency<br>Services, Kashmir.  |
| Personnel, |   | - Joint Director, Fire &<br>Emergency Services, Jammu,<br>AD and Fire Services  |
| Officer    |   | CMO, Srinagar, Medical<br><br>from Health Services, Civil<br>Defence Warden and over 125<br>Volunteers, RTO, Srinagar<br>Municipal Corporation, two<br>Companies of CRPF for<br>sanitization and isolation of the<br>incident site and ICP, ACP,<br>Traffic Police, Information<br>and Publicity Officer almost all |

media  
national

Valley's electronic & print  
print media and selected

print media, one column on  
97 Bn BSF and one column  
Ex-Army as reserve in their  
respective locations

Army&BSF

also kept as reserve one  
Medical Team each and surge  
capacity in 92 Base Hospital. A  
large number of children (9 to  
11 Class) from Hindu High  
School, Habba Kadal, a number  
shopkeepers of the area and  
Neighbours and public at large.  
Overall approx. 2500 persons  
took part.

## 7. **Method**

- (a) The area being sensitive from security point of view was sanitized and one dry rehearsal was also carried out. The observers both from J&K and other States like Karnataka and Sikkim were briefed on their roles and responsibilities. There were a total of 11 observers.
- (b) The Exercise was started from bottom up to give it realism. The response of the Fire and Emergency Services was excellent. The Police especially Traffic Police handled the traffic very well without causing hardships to the people. The Civil Defence personnel helped the Fire Services and Police. The Srinagar Municipal Corporation provided JCB, Dumpers, Loaders etc and removed debris immediately. The SMNS Hospital has 30 bedded Disaster Ward. They however took time to send ambulances. Modified ICP was established to coordinate the use of resources.
- (c) 17 Print Media carried the news and 8 local Channel covered the Exercise, spreading more general awareness among the people.

## 8. **Lessons Learnt**

- (a) **Handheld Equipment for Fire Services.** The Fire Services with their present equipment did well to control fire, but they need latest versions of additional Mist Technology Cylinders and other Equipment.
- (b) **Medical.** The Medical response was delayed and there was lack of Coordination between medical teams.
- (c) **ICP.** Modified ICP version which envisaged building an existing Fire Services Control Room functioned well.
- (d) **Press.** The press both print and electronic covered the event very well and it helped in reposing faith of population on the District Administration.
- (e) **Civil Defence.** Civil Defence is a potent force. It needs to be harnessed. The Civil Defence needs to be given proper equipment.

## **Remarks**

- 9. Overall a very successful exercise in the insurgency prone area of J&K.













































**Fire Hazard, Mock Exercise –**  
**Bangalore (Karnataka)**



## **Mock Exercise on Urban Fire in Bangalore**

1. Bangalore was selected for Fire Mock Exercise as it is emerging metro of India. A large number of high rise buildings and Malls have mushroomed which are potential fire hazards. The area selected for the Exercise was National Games Village Residential Complex in Koramangala.

2. The Orientation-cum-Coordination Conference was held in the Conference Hall of DC Urban Bangalore on 19<sup>th</sup> July, 2007.

1. The Table Top Exercise was conducted on 30<sup>th</sup> August, 2007 and the Mock Exercise on 8<sup>th</sup> September, 2007.

2.

### **Participants**

#### **4. Coordination and Orientation Conference.**

(a) **NDMA**. Brig. (Dr.) B.K. Khanna, Senior Specialist (Training & Capacity Development).

(b) **Karnataka State**. Shri C. Chandrashekar, IG Police & AD Karnataka Fire & Emergency Services, JD Fire & Emergency Services and Shri H. Srinivasiah, Director of Factories & Boilers.

(c) **District Administration**. DC, SDM, Taluk Magistrates, Police Commissioner, Deputy SP Police Control Room, SSP Law & Order, Officer-in-Charge Bomb Detection & Disposal Unit, Deputy SP Bangalore Traffic Police, Chief Fire Officer Bangalore District, Comtd. Civil Defence and Home Guards, District Medical Officer, representatives from identified Hospital, BESCOM, BWSSBM, BBMP, RTO, Information & Publicity, Karnataka Housing Board, HPCL, Mr. Pradeep, Tejus Crisis & Trauma Foundation (NGO), Karnataka sub-area etc. These were approximately 55 participants.

(d) The Specialist, NDMA gave out aim, objectives, scope & detailed conduct of Table Top & Mock Exercise and what was expected from the various stakeholders. The area selected for the Mock Exercise was National Games Village at Koramangala.

## 5. **Table Top Exercise.**

- (a) NDMA – Brig (Dr) B K Khanna
- (b) State – IG & Jt Director, Fire & Emergency Services.
- (c) District – DC, SDMs, DCP, ACP (I&O), DCP (Int), OIC, Bomb Disposal, Comdt Civil Defence & Home Guards, DMO, Representatives from 09 identified hospitals, RTO, PRO, Tejus Crisis & Trauma Foundation, Karnataka Sub Area. There were 60 participants.
- (d) The DC Bangalore and other key stakeholders gave their presentation. Three main and a number of situation were painted. The bomb disposal scenario took them by surprise. Overall response of all stakeholders was encouraging.

## 6. **Mock Exercise.**

- (a) NDMA – Shri J K Sinha, Hon'ble Member, NDMA & Brig (Dr) B K Khanna
- (b) State – DG Fire Services, IG Fire & Emergency Services & Additional Director, Karnataka Fire Services.
- (c) District – DCBangalore Urban, DC Police, ACP (I&O), ACP (Control Room), DCP (Int), OIC, Bomb Disposal, ACP (Traffic), DMO, MD, Security Officers of identified hospitals, 14 Ambulances, Commissioner & Additional Commissioner Bangalore Nagarpalika, BESCOM, BWSSBM, BRMP, PRO, Karnataka Sub Area, RWA Members etc. There were more than 2500 people who participated.

7. **Method.** The observers were briefed on their roles. Fire due to short circuiting in a third floor house was depicted. The response of the Fire Services was quick and police also reached the area simultaneously. The four medical teams reached in 15 minutes time. 75 casualties were evacuated including 05 fatal cases. Bangalore Nagarpalika arranged for water for Fire fighting & drinking. The electricity was switched off. RTO provisioned vehicles for movement of evacuated people. The bomb disposal was carried out as per drill. The ICP was established in an improvised manner. Relief camp provided food & made arrangements for stay of refugees. The press

covered the incident very well. Both print and electronic media covered the event properly.

**8. Lessons Learnt.**

- (a) **First Responders.** There is need to give training in response, evacuation & first aid at district/ local level.
- (b) **Water Hydrants & Fire Extinguishers.** Both were not functional well due to their non maintenance.
- (c) **Medical Responders.** Medical responders, especially nurses & lower staffs do not know their job during disasters.

**Remarks**

9. The Exercise was filmed from professional producer and the documentary is being edited.



































**Fire Hazard, Mock Exercise –**  
**Gangtok (Sikkim)**



## **Fire Hazard Mock Exercise – Gangtok (Sikkim)**

1. Sikkim, a hill state is vulnerable to fire, besides earthquakes and landslides. Gangtok, the capital town is more prone to urban fire due to congested houses, narrow roads, ever increasing traffic and scarcity of water.
2. The Orientation-cum-Coordination Conference was held in the Chintan Bhavan in Gangtok on 01 October 2007.
3. The Table Top is scheduled for 30 October and the Mock Exercise on 07 December 2007.

### **Participants**

4. a) **NDMA** - Brig. (Dr.) B K Khanna, Senior Specialist.
- b) **State Govt.** - Shri R P Chingapa, IAS, Principal-Secretary, Revenue, Land, Relief & DM.
  - Shri Janga Basnett, Director, Fire and Emergency Services.
  - Shri D P Sharma, Special Secretary, Home Department.
  - Shri G Targain, Chief Architect, Building & Housing Department.
  - Shri J B Subba, Additional Chief Architect, Building Housing Department.
  - Shri R D Bhutia, SE, WS & PHED.
  - Shri P Wangchem, PCE, Energy & Power Department.
  - Dr. RL Sharma, MS, STNM Hospital
  - Shri C Zoagpo, ACE, UDHD.
  - Dr. BK Kanungo, MS, CRM Sikkim Manipal Hospital.
  - Shri L P Bauphugpa, AS, HRDP.
  - Shri K B Gurung, CE, Transport Department
  - Shri Dev Vrat, JTO, BSNL.
  - Shri P B Chetri, FM, Gangtok.
  - Shri B D Roka, DIG, Lines/Sector Warden Civil Defence
  - Shri Akshay Sachdeva, DIG, Range

- Shri DT Lapcha, PCE, Animal and Husbandry Department.

- c)     **District**
- Dr. MS Tuli, SP, East District.
  - Shri KY Bhutia, Deputy SP.
  - Shri DB Chetri, AD, Fire & Emergency Services.
  - Dr. Varun Joshi, Head, DM Faculty, Govind Ballabh Pant Himalayan Environment Deptt.
  - Shri NW Gyagi, S/W, Civil Defence.
  - DPO, UNDP of all four districts of Sikkim.
  - Shri Naveen Agarwal, Rotary Club.
  - A number of Fire Officers from all the four districts.
  - Revenue officials of East District.
  - SDPO of all four districts.

In total these were 74 participants in the Conference.

### **Conduct**

5. The Principal Secretary, Land, Revenue & DM delivered inaugural address. Director Fire & Emergency Services gave an overview of vulnerability of Sikkim to fire disaster. The aim, objectives, scope, participation and conduct of Table Top and Mock Exercise were explained to participants by the Senior Specialist NDMA. Director, Fire & Emergency Services and Shri Vishal Chauhan DC East District were nominated as State and District Nodal Officer. The Old Cinema Building on MC Road and Kanchan Gura Shopping Complex in Lal Bagan were shortlisted as buildings for the Mock Exercise.