Maharashtra Preparedness To COVID – 19

Compendium of Good Practices for Small and Medium Towns – Focus on sanitation

Swachh Maharashtra Mission for Urban areas (SMMUA)

Urban Development Department, Government of Maharashtra

Center for Water and Sanitation (C-WAS), CRDF, CEPT University

April 2020

Thematic Areas of Intervention by ULBs

1. Measures on Containment

1. Preparation of isolation wards & demarcation of quarantine areas
2. Maintaining social distancing at market place, Community toilet etc
3. Hand washing facilities and use of desinfectants
4. Command and control center/ call center etc

2. Protecting sanitation workers & vulnerable groups

1. Provision and Procurement of PPEs
2. SHG engagements
3. Homeless shelters and providing necessary basic services
4. Disinfection and other measures in slums and other vulnerable points
5. Awareness Generation Activities

3. Response for SWM from Quarantine facility

1. Collection of waste from Quarantined Households
2. Transportation of Waste
3. Processing and Disposal

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2. Protecting Front line workers & Vulnerable Groups

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4. Disinfection in slums and other vulnerable points
5. Ensuring regular water supply in slums and at hand washing facilities, CTs

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1. Measures on containment

Disinfectant Spraying at Uran Islampur

1. Measures on containment – 1/7

1. Preparation of isolation wards & demarcation of quarantine areas

- Wai city council prepared a **containment plan** for COVID-19 for which Rapid Response teams have been formed. Online registration for people who have travelled out of Wai/Satara. The information is then shared with respective cities to check on the listed people and home quarantine them.
- A message was circulated in all local groups stating that “self quarantine is best for all”.
- Isolation wards have been arranged in many ULBs.
- In Ambejogai, Ambad and Ahmadpur isolation wards created in govt. hospitals.

Wai: Online registration for people and home quarantine stickers

Shahada: Quarantine Facility

Buldhana: Isolation Facility

Kannad: Quarantine Facility

1. Measures on containment - 2/6

2. Maintaining social distancing at market places

At Markets

- Social Distancing in market places have been maintained by demarcating circles approx. at 3 feet
- Vegetable markets have been shifted to open grounds in many cities in order to maintain social distancing

Risod: Social distancing at a grocery store

Sinnar: Vegetable market shifted from city center to outskirts

Aurangabad: Social distancing markers in Kannad market area

Ahmedpur: Social Distancing at essential amenity stores

Social Distancing at medical store

Ahmedpur: Social Distancing

1. Measures on containment - 3/6

2. Maintaining social distancing at Community Toilets, slums

At Community Toilets

- Social Distancing in community toilets have been maintained by demarcating circles approx. at 1 meter. San workers, care takers appointed to monitor
- Certain cities have increased the daily cleaning frequency
- Narkhed have formed ***3 pathaks (groups of people)*** to monitor social distancing

Social distancing at a community toilet

Pachora: Social distancing at a community toilet

Pimpri Chinchwad: Social distancing at a CT

Vadgaon Kasba : Social distancing at a community toilet

1. Measures on containment – 4/6

3. Hand washing facilities and Use of Desinfectants

Hand Washing Facilities with water supply

- Some cities have taken steps to provide hand washing facilities with water supply in near medical stores, markets, slums and near 'Hot Spots'
- In Mangrulpir, Amravati the ULB has installed hand wash facility in a public place and also deployed a person to spread awareness on proper method of hand wash.
- In Hingoli, Aurangabad the cities have installed hand washing at 10 major points in city for sanitation workers, police and all those who might be in need.

Shahada: Hand washing facilities with awareness generation display

Pachora: Hand washing facilities with awareness generation display

Mangrulpir: Hand washing facilities

Hingoli: Hand washing facilities

1. Measures on containment – 5/6

3. Hand washing facilities and Use of Desinfectants

Spraying of Disinfectants

- Most ULBs have been using a A solution of sodium hydrochloride for disinfecting
- Difference modes have been used to reach all part of the city
- Elected representatives have also actively participated
- In Bhum, all vehicles are disinfected at the entry point of the city

Pune and Nashik: Cities in Nashik Divison and Pune have involved fire fighters in disinfection

Raver: Disinfecting all public spaces and residential areas

Ahmedpur: Disinfecting all ambulances and public vehicles.

Bhum: Disinfecting every vehicle entering into the city

1. Measures on containment – 6/6

3. Command and Control Centers

- In Sinnar A committee has been formed of officials and gov doctors and office space has been allotted known as "**Corona kaksh"**
- In Buldhana, a command and control center has been formed

Buldhana : Control Center

Sinnar: Corona Kaksh in Sinnar

Thematic Areas of Intervention by ULBs - 2

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Survey of migrant laborers

2. Protecting sanitation workers, vulnerable groups 1/6

1. Provision and Procurement of PPEs

- Most ULBs have been using the 14th FC funds for procuring PPE
- PPE are procured locally, some have released short tender to supply the PPEs on urgent basis
- Sanitizers and soaps along with PPE have been give to san workers
- Apart from PPE and sanitizer provision awareness generation sessions also conducted
- Checking their body temperature once in two days by some cities
- Hazmat suits purchased by Khopoli and Pen in case there are positive cases

Kamleshwar: Checking of body temp

PPE provision along with awareness generation session on health risks and how to stay safe. Monitoring register also made

Pusad: PPE provision

PPE provision

Risod: PPE and Sanitation Kit

2. Protecting sanitation workers, vulnerable groups 2/6

2. SHG Engagements

- Self Help Groups Kalmeshwar (Nagpur) and Wani (Amravati), Dhule and many other cities are involved in preparing masks
- The SHGs from Wani, has also been involved in awareness activities through distribution of pamphlets and conducting health surveys.
- ULB's such as Lanja (Konkan) have employed 40 -50 ASHA workers for making mask. Each ASHA worker makes 5-10 masks per day that are sold for 25/-
- SHGs in Pen (Konkan) are involved in food distribution to homeless families and those in need
- SHGs in Shirpur, Nashik are working with individuals and families who have recently migrated from other cities or have a history of international travel. The SHG women stamp the hands of families marking them for self-quarantine.

Shirpur: Stamping a family for home quarantine

Wani (Amravati): SHG women involved in health survey

Lanja: ASHA worker preparing masks

Wani: disseminating pamphlets on COVID-19 awareness and Health survey

2. Protecting sanitation workers, vulnerable groups 3/6

3. Homeless shelters and providing necessary basic services

Food Provision and Shelter

- ULB's and NGOs have been involved in conducting relief work with the vulnerable groups. Some of the groups identified by ULB's for relief work are:
  - Differently-abled persons
  - Homeless individuals
  - Families/individuals who are stranded because of the lock-down
  - Families from lower income groups
- Pen in Konkan Divison, have established ***Aadhar Aasra Kendra*** for the beggars and the migrants from nearby area. There are total 289 people staying in shelter provided with food and sanitation essentials

Pen: Shelter for beggars and migrant labourers

Paithan: Distribution of food to differently-abled people

Ambad: Food distribution in Ambad, by Samajbhan, an NGO

2. Protecting sanitation workers, vulnerable groups 4/6

3. Homeless shelters and providing necessary basic services

Food Provision and Shelter

सकाळ » TODAY

लोकमंडिस्ट्र

» अवतीभवती

पुसद : गर्दीत्या हॅन्डवॉश, साबण व हात रुमाल वाटप करताना 'माणुसकीची भींत'चे पदाधिकारी.

हॅन्डवॉश, साबण, हातरुमाल देऊन पुसद येथे 'कोरोना'बाबत जनजागृती

पुसद : जागतिक आरोग्यसंघटनेने जाहीर केलेल्या रविवारी (दि.१५) पुसद येथील 'माणुसकीची भींत' संस्थेतर्फे 'लोकमंडिस्ट्र'च्या सहकार्याने हॅन्डवॉश, साबण व हातरुमाल वाटप करीत 'कोरोना'बाबत जनजागृती केली. या उपक्रमाचा अनेक गरजू नागरिकांनी लाभ घेतला. पुसद येथील सार्वजनिक माणुसकीची भींत कार्यालय व उपजिल्हा रुग्णालयासमोर मदत केंद्रात रुग्ण, गरजू व रुग्णांचे नातेवाईक, डॉक्टर्स, परिचारिका, साबण व हॅन्डवॉश वापरण्यासाठी समान आणी माहितीपत्र वाटप करीत कोरोना संसर्गजन्यतेची माहिती देण्यात आली. यावेळी माणुसकीची भींतचे अध्यक्ष गजानन जाधव यांनी मार्गदर्शन केले. सर्व जनतेने शिक्षकान, खोकताना तोंडाला रुमाल लावणे, वारंवार हात साबणाने स्वच्छ धुणे, एकमेकांना पेटनव्यार हात न मिळवता नमस्कार करणे, गर्दीच्या ठिकाणी जाणे सक्यतोवर टाळणे व शक्यतोवर सुरक्षित अंतरावर बोलत जाणे टाळणे असे आवाहन त्यांनी केले. यावेळी माणुसकीची भिंतचे उपाध्यक्ष प्रशांत गुळदे, सचिव माधुरी चांदूरकर, सदस्य सोनू पटील, संतोष गावंडे, नीलेश बोरकर, अमित उमरकर, दिलीप उमरकर, जगदीश उमरकर, मोहसीन उमरकर, दीपक उमरकर, मोहन उमरकर, सुरेश झुंजारे, विलास अकबानर, प्रसिद्धीप्रमुख

Pusad: The news article from Pusad captures ULB's involvement in distribution of hand-wash and soap to those in need

Buldhana: ULB distributing food to homeless persons in Buldana in Amravati Division.

Alandi: ULB distributing food to those stuck in Alandi due to lockdown in Pune.

2. Protecting sanitation workers, vulnerable groups 5/6

4. Disinfection and other measures slums and other vulnerable points

Disinfection and other measures in slums

- Akkalkot has been carrying out daily awareness campaigns in slums. An Auto rickshaw is hired for making announcements on the speakers
- Sangli and Uran Islampur have 100% locked down their slum areas. Essentials and emergency facilities are supplied by the council and disinfectants are sprayed on a daily basis.
- In Karjat daily awareness campaigns are undertaken with NGO named Anulog which also helps in monitoring activities within the slums
- For people under BPL, WMC has prepared a list and provides food to them daily.

Kalamb: Disinfecting Slum Communities

Food material supply in Slums

Surveys conducted for migrant labourers

2. Protecting sanitation workers, vulnerable groups 6/6

4. Awareness Generation Activities

- Painting on roads, putting up banners in public places
- I.E.C on COVID- 19 issued in public interest by most ULBs
- SHGs, NGOs, and Elected Representatives have been playing an active role in awareness generation

Khalapur, Jamner: Information painted on the road

Uran Islampur: Mascots for awareness generation

Daryapur: A Traffic Police-man dressed as Corona Virus

Women elected representative involved

Risod : COVID – 19 information painted on the road

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Solid Waste Management

- All basic services are operational for all ULBs – including water supply, SWM, cleaning of community and public toilets, emergency septic tank emptying, road sweeping, gutter cleaning, etc
- Uran Islampur, Sangli, Akkalkot and Ichalkaraji and Vadgaon kasba in Pune are utilizing their bio-medical waste collection units to collect waste from the quarantined houses. This waste is collected separately and burned with no human contact.
- Roads are being cleaned regularly. Aurangabad has also undertaken drain cleaning regularly.

Uran islampur: Collection of Biomedical waste yellow plastic Bags

Islampur : Spraying of disinfectant

PCMC: Transportation of Solid waste

Paithan: Drain Cleaning

PMC : Sanitation of Collection vehicle

Paithan: Ongoing SWM

Thank you

Disinfectant Spraying at Uran Islampur