



# COVID-19 Vaccine Introduction

Update as on 13<sup>th</sup> January 2021

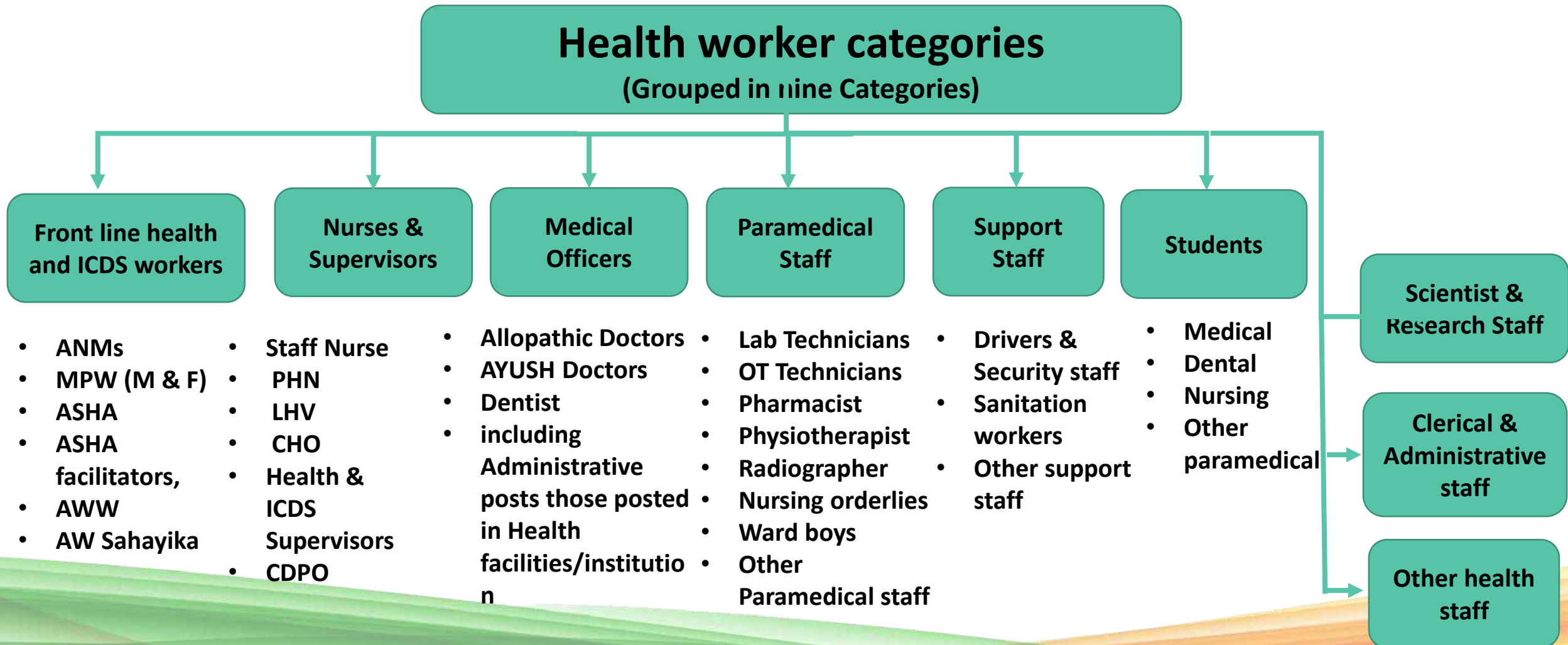


# Key Considerations during COVID-19 vaccination planning

- India is launching COVID-19 vaccination on 16<sup>th</sup> January 2021
- COVID-19 vaccination strategy has been formulated as per guidance of NEGVAC
- Two vaccines have received EUL in India: Covishield and Covaxin:
  - Two-dose schedule
  - The vaccines are not interchangeable: A beneficiary must complete vaccination schedule using same vaccine product
  - Storage temperature for both vaccines similar to other UIP vaccines (+2 to +8 deg C)
- Roll-out of vaccine will be done following election model
- Routine health services and Routine Immunization should not be hampered

# Health Worker Categories

**Health Care Workers (HCW)** are defined as 'health care service providers and other workers in health care settings including ICDS workers, both at government and private sector



# Freezing of Database on Co-WIN Software

- It has been communicated repeatedly that '**only pre-registered beneficiaries on Co-WIN will receive COVID-19 vaccine**'.
- **The database of Health Care Workers on Co-WIN software has been frozen on 12<sup>th</sup> January 2021**
- No addition of beneficiaries on Co-WIN software will be permitted beyond the stipulated timelines.
- If any person has missed getting registered on Co-WIN portal: they have to wait till further instruction from GOI. COVID-19 vaccination will not be administered in this phase.

# Launch Day: 16<sup>th</sup> January 2021

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- 237 session sites have been chosen in state for National Launch
- Vaccination should start only after inauguration from Hon'ble Prime Minister on 16<sup>th</sup> January morning
- Plan maximum of 100 beneficiaries on day of inauguration (16<sup>th</sup> January)
  - Only one session site on inaugural day
  - Session to be planned only at selected sites on inaugural day
  - Health workers including all cadres in facility should be vaccinated on inaugural day
  - Include persons above 20 years age preferably without co-morbidity on inaugural day
- First person who will receive vaccination should be sanitation worker/Group-D



# District wise Session sites for Launch Day: 237 Sites

SL No	District	Number of sites	SL No	District	Number of sites
1	Bagalkot	9	16	Gulbarga	8
2	Bangalore Rural	6	17	Hassan	10
3	Bangalore Urban	4	18	Haveri	9
4	BBMP	7	19	Kodagu	5
5	Belgaum	12	20	Kolar	6
6	Bellary	11	21	Koppal	4
7	Bidar	6	22	Mandya	8
8	Chamarajanagar	6	23	Mysore	9
9	Chikamagalur	8	24	Raichur	6
10	Chikkaballapur	9	25	Ramanagara	6
11	Chitradurga	8	26	Shimoga	9
12	Dakshina Kannada	6	27	Tumkur	14
13	Davanagere	7	28	Udupi	6
14	Dharwad	7	29	Uttar Kannada	11
15	Gadag	7	30	Vijayapura	8
			31	Yadgir	5

# Launch Day- IT requirements

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IT requirements at Vaccination session sites for webcast of Launch event at vaccination sites

- Good internet connectivity capable of supporting video-webcasting.
- Good quality laptop / desktop.
- Projection system from the Laptop and speaker for the beneficiaries in the vaccination sites to hear.

# Launch Day: 16<sup>th</sup> January 2021

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- Health facility should prepare list of selected 100 beneficiaries with name and designation and share with district RCH officer
- Prepare ideal session site with all logistics
- AEFI preparedness should be in place
- Co-WIN: District RCH officer should
  - Register Vaccinators
  - Approve selected list of beneficiaries: Manage beneficiaries
  - Add details vaccine; Allocate Vaccine
  - Create Session site



# Dry Run Monitoring Observations

- 55 vaccination booths monitored by WHO-Surveillance Medical Officers (SMO) and Immunization Field Volunteers (IFV) during Dry Run on 8<sup>th</sup> January 2021
- Adrenaline vials in Anaphylaxis kit **beyond expiry**: 3 session sites
- Vaccinators **not aware of the process to be followed in case of a serious AEFI** (primary care, referral and reporting): 3 sites
- Vaccination booth members (1 to 4) **not trained on their roles**- 5 sites
- Physical distancing **not being ensured**: 3 sites
- Blue puncture proof containers (sharp collection) **not available**: 2 sites
- Ice-packs in vaccine carriers **not conditioned**: 2 sites

# Central Drugs Standard Control Organization (CDSCO) Approves Vaccines For Restricted Use In Emergency Situation

***Covishield vaccine***  
**Serum Institute of India,  
Pune**

- Recombinant Adenovirus vector vaccine encoding the SARS-CoV-2 Spike (S) glycoprotein
- Technology transfer from AstraZeneca/Oxford University
- Two dose intramuscular injection 4 weeks apart.
- Storage condition 2-8<sup>0</sup> C
- Ongoing clinical trial within the country will continue.

***Covaxin***  
**Bharat Biotech  
International Limited,  
Hyderabad**

- Whole Virion Inactivated Corona Virus Vaccine
- Collaboration with ICMR and NIV (Pune)
- Two dose intramuscular injection 28 days apart.
- Storage condition 2-8<sup>0</sup> C
- Approved in clinical trial mode
- Ongoing clinical trial within the country will continue.

# COVID-19 vaccination

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- Dose: 0.5 ml
- Route: Intra-muscular, upper arm (Deltoid)
- No Vaccine Vial Monitor (VVM) on vials
- Check expiry date before opening vial
- Immediately after opening vial: write date and time of opening on vial (CD marker pen)
- Open vials should be used as early as possible or within 4 hours of opening. After 4 hours or at end of the session partially used vials –should not be used.
- Return all opened, unopened, partially used vials to session sites in separate covers

# COVID-19 vaccination

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- Give vaccine to persons above age of 18 years
- Vaccine to be avoided in pregnant women
- Vaccine should be stored only in ILRs at designated cold chain points. Not to be stored in normal refrigerator
- Always use conditioned ice-packs for vaccine transportation
- No ice-pack should be taken out of vaccine carriers at session site
- Open vial policy is not applicable
- District and Taluka level rapid response teams should be activated : Immediate response to AEFI and AEFI investigation

# District wise Vaccine Distribution Plan

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- Vaccine Distribution:
  - First supply of vaccines received is being distributed
  - Health facilities to be planned accordingly
  - One health facility will receive one type of vaccine only
- Defence: Healthcare workers:
  - Vaccine and syringes as per requirement should be given
  - Session planning and vaccination will be done by their personnel
  - No detailed line-list required. Only consolidated required numbers will be shared

# COVID-19 vaccination: Vaccine Security

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## Vaccine Safety and Security

- Safety and security of each dose of COVID-19 vaccine is of paramount importance and States must
- undertake adequate safety and security measure at location of vaccine storage, during transport and at session site.
  
- State/District administration needs to ensure adequate security arrangement for vaccines at:
  - 1. All cold chain points;
  - 2. During vaccine transport at all levels; and
  - 3. At session site
  
- Stringent vigilance mechanism must be in place to protect pilferage and theft. Any such activity should be immediately reported, and prompt police action should be initiated with clear accountability.**



# District and State Level Control Room

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- District level control room to be established in every district
- One Designated media spokesperson in every district:
  - Deputy Commissioner/ Commissioner-BBMP
  - Technically supported by RCHO/DHO and AEFI Committee Chairperson
- Media response and scanning
- Supporting in AEFI management and referral. Technical person in control room.
- Daily reports uploaded on Co-WIN same day

# IEC and Budget

- IEC prototypes translated into Kannada and shared with all the districts
- Specifications also sent
- Posters/banners should be printed at district level

## Budget:

- Budget guidelines have been shared from GOI
- District wise budget allocation and financial guidelines for operational costs of campaign will be shared soon.

# Important Points

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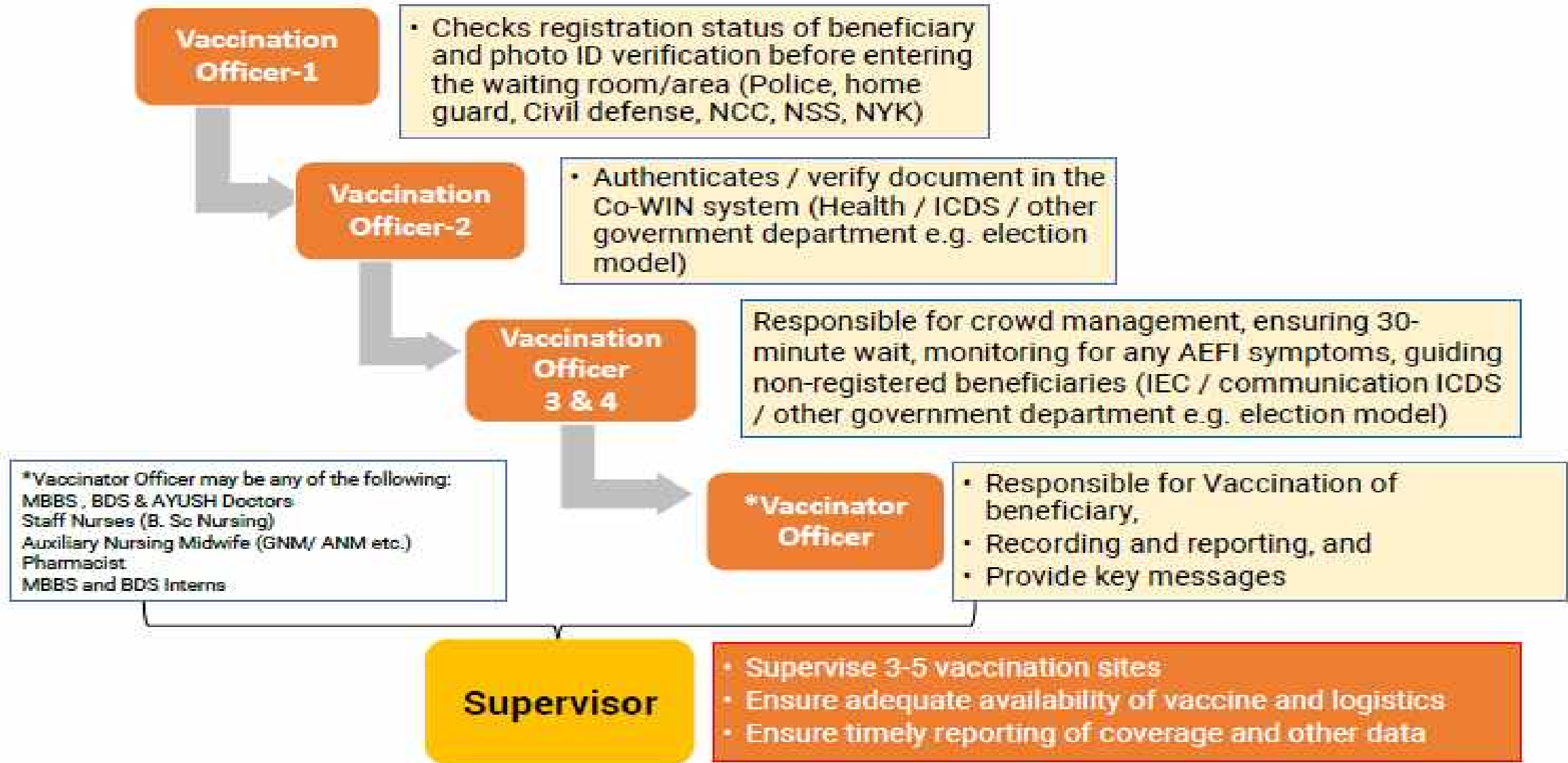
- Logistics : Availability of 3 rooms; internet connectivity; IEC display
- HR: 5 Vaccination officers (different departments)
- CO-WIN Software: Beneficiary identification, Session site allocation, etc.
- AEFI management centres: Mapping and preparedness
- AEFI corners in observation room/ area
- Supervision and monitoring : Election model-District and Taluka level officers
- District Control Room
- Vaccine supply and security

# Setting up and conducting Vaccination Session





# Roles of Vaccination Team Members



# Guidance for Vaccination Teams

- Reach allocated session site before time
- Inform supervisor/ Medical Officer in-charge if you are sick
- Wear a mask at all times
- Composition of team
  - ✓ 4 Vaccination Officers with defined roles
  - ✓ 1 Vaccinator Officer





# Role of Departments



# Role of Departments

S.No	Department	Vaccine rollout - Planning & Implementation	Social Mobilization and awareness generation
1	Women and Child Development / Integrated Child Development Services (ICDS)	<ul style="list-style-type: none"><li>• Share data on ICDS staff for inclusion in COVID-19 vaccine beneficiary list</li><li>• Provide team members and monitors for vaccination</li><li>• Support supervision and monitoring of vaccination</li></ul>	<ul style="list-style-type: none"><li>• Capacity building of AWW / other staff on interpersonal communication for COVID 19 Vaccine</li><li>• Generate community awareness on COVID-19 vaccination mainly through inter personal communication (IPC)</li></ul>
2	Panchayati Raj	<ul style="list-style-type: none"><li>• Ensure registration of health care workers working in health facilities under Zila Parishad/ Panchayat</li><li>• Identification and planning for vaccination site</li><li>• Support in organizing vaccination sessions including vaccine site preparation and logistics</li></ul>	<ul style="list-style-type: none"><li>• Create awareness through community meetings, Special Gram Sabhas and messages to PRIs</li></ul>

# Role of Departments

S.No	Department	Vaccine rollout - Planning & Implementation	Social Mobilization and awareness generation
3	Rural Development	<ul style="list-style-type: none"><li>• Support SHG engagement in vaccine roll out at vaccination site including working as team members, (wherever needed)</li><li>• SHG support in logistics management, including vaccine site preparation, cleaning etc.</li><li>• BDOs and village functionaries to help in vaccine delivery and monitoring</li><li>• SHG engagement &amp; support in effective communication at grass roots level to address issues of “vaccine hesitency” &amp; “vaccine eagerness”</li></ul>	<ul style="list-style-type: none"><li>• Through National Rural Livelihood Mission (NRLM) engage all SHGs for social mobilization, awareness generation, house visits etc.</li><li>• SHGs to conduct local plays, nukkad natak, be part of community radio engagements, conduct group meetings</li></ul>

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4	Education	<ul style="list-style-type: none"> <li>Support in management of vaccination session site including working as team members, (wherever needed)</li> </ul>	<ul style="list-style-type: none"> <li>Community awareness through school teachers, shiksha mitra,</li> <li>Educate parents on why school children are not being vaccinated in early stages etc.</li> </ul>
5	AYUSH	<ul style="list-style-type: none"> <li>Identification of HCW with AYUSH</li> <li>Provide vaccinators authorized to give injections and other team members</li> </ul>	<ul style="list-style-type: none"> <li>Use their platforms for dissemination of IEC</li> </ul>
6	Urban Development	<ul style="list-style-type: none"> <li>Ensuring registration of health care workers and other front-line workers working in Municipal Corporation, Municipality, etc. Enlisting of corporation staff as and when it is decided to vaccinate them</li> <li>Support identification of session site with enough space for vaccination and session logistic planning in urban areas including, ULB, corporations and big municipal corporation areas</li> </ul>	<ul style="list-style-type: none"> <li>Involve providing lead role in communication and social mobilization activities for COVID-19 vaccine roll out in urban areas including, ULB, corporations and big municipal corporation areas</li> <li>Active involvement of urban Self-Help groups under National Urban Livelihood Mission.</li> <li>Mahila Arogya Samitis under NUHM to increase awareness on importance of COVID-19 vaccination in urban areas Spreading the awareness on COVID-19 appropriate behavior</li> <li>Spreading the awareness on COVID-19 appropriate behavior</li> </ul>



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S.No	Department	Vaccine rollout - Planning & Implementation	Social Mobilization and awareness generation
7	Sports and Youth	<ul style="list-style-type: none"><li>• NYKS/ NSS to support session management and crowd control at session site</li></ul>	<ul style="list-style-type: none"><li>• NYKS, NSS and national youth clubs to participate and support COVID-19 vaccine communication through its social mobilization activities</li></ul>
8	State Police Department	<ul style="list-style-type: none"><li>• Support identification and vaccination of beneficiaries from police department</li><li>• Support vaccine delivery in hard to reach and left wing extremist (LWE) areas</li><li>• Provide security to vaccine during storage, shipment and at session site</li><li>• Support to vaccination team members – police personnel/ home guards etc. for site management and crowd management</li></ul>	<ul style="list-style-type: none"><li>• Support and facilitation of COVID-19 communication in areas of the Police to help in spreading awareness on COVID-19 appropriate behavior</li></ul>

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S.No	Department	Vaccine rollout - Planning & Implementation	Social Mobilization and awareness generation
9	Revenue	<ul style="list-style-type: none"><li>• Support identification and/or making available land/space for organizing session sites where required</li></ul>	<ul style="list-style-type: none"><li>• Generating awareness on COVID-19 vaccination and mobilization of the concerned population groups</li></ul>
10	Public Works Department	<ul style="list-style-type: none"><li>• Support identification of session sites</li><li>• Support in ensuring logistics and drinking water at session sites</li></ul>	<ul style="list-style-type: none"><li>• Dissemination of awareness messages</li></ul>
11	Public Health Engineering	<ul style="list-style-type: none"><li>• Support identification of session sites</li><li>• Support in ensuring logistics and drinking water at session sites</li></ul>	<ul style="list-style-type: none"><li>• Dissemination of awareness messages</li></ul>



# Role of Departments

S.No	Department	Vaccine rollout - Planning & Implementation	Social Mobilization and awareness generation
12	Information & Broadcasting		<ul style="list-style-type: none"><li>• Community awareness through Satellite TV Channels and frequency modulation (F.M.) Radio Channels, community Radios</li><li>• Identifying champions/ ambassadors and opinion makers and dissemination of the right messaging through opinion articles.</li></ul> <p><b>Through Bureau of Outreach and Communication (BOC)</b></p> <ul style="list-style-type: none"><li>• To conduct special folk programmes nation wide</li><li>• Conduct exhibitions at district level</li><li>• Hoardings and wall writings</li></ul> <p><b>Through Press Information Bureau (PIB) and state I&amp;B departments</b></p> <ul style="list-style-type: none"><li>• Media Relations</li><li>• Issue of press releases</li></ul>

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S.No	Department	Vaccine rollout - Planning & Implementation	Social Mobilization and awareness generation
13	Defence	<ul style="list-style-type: none"><li>• Support in registration of Armed forces beneficiaries</li><li>• Supply for vaccine delivery in hard to reach and security sensitive areas</li><li>• Liasoning with district administration for session planning and training of vaccinators in their system to ensure vaccination of their staff either at vaccination session sites planned by district administration or within the facilities/units of Defence force/ establishments.</li></ul>	<ul style="list-style-type: none"><li>• Utilization of ex-servicemen in social mobilization activities</li><li>• Ensure participation of NCC in social mobilization and awareness generation.</li></ul>

# Role of Departments

S.No	Department	Vaccine rollout - Planning & Implementation	Social Mobilization and awareness generation
14	Food and Civil Supplies	<ul style="list-style-type: none"><li>• Support in providing cold storage spaces and transport system, if needed</li><li>• Facilitate biometric authentication or finger print readers at session sites</li></ul>	<ul style="list-style-type: none"><li>• Generating awareness on COVID-19 vaccination</li></ul>
15	Social Welfare	<ul style="list-style-type: none"><li>• Support setting up session sites in welfare home premises, if needed</li></ul>	<ul style="list-style-type: none"><li>• Generating awareness among identified priority group for COVID-19 vaccination</li></ul>
16	Minority Affairs	<ul style="list-style-type: none"><li>• Support setting up session sites in premises of affiliated institutions, if needed</li></ul>	<ul style="list-style-type: none"><li>• Generating awareness among identified priority group for COVID-19 vaccination</li></ul>
17	Tribal Affairs	<ul style="list-style-type: none"><li>• Allow setting up session sites in schools premises</li></ul>	<ul style="list-style-type: none"><li>• Generating awareness on COVID-19 vaccination in tribal communities and their mobilization</li></ul>
18	Animal Husbandry	<ul style="list-style-type: none"><li>• Support in provision of dedicated cold storage equipment/facilities for vaccine storage, if required</li></ul>	



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S.No	Department	Vaccine rollout - Planning & Implementation	Social Mobilization and awareness generation
19	Railways	<ul style="list-style-type: none"><li>• Support identification and vaccination of HCW with the railways</li><li>• Coordinate with DM / DC for vaccination of railway HCW</li><li>• Support in conducting vaccination sessions in railway hospitals, dispensaries and other premises.</li></ul>	<ul style="list-style-type: none"><li>• Support communication through screening of AV spots on trains and platforms and use COVID-19 vaccine branding on the tickets</li></ul>
20	Labour & Employment	<ul style="list-style-type: none"><li>• Support identification and vaccination of HCW with the ESI</li><li>• Coordinate with DM / DC for vaccination of ESI HCW</li><li>• Support in conducting vaccination sessions in ESI hospitals</li></ul>	<ul style="list-style-type: none"><li>• Support COVID-19 vaccination through institutions under Ministry of Labour and Employment (MOLE), such as ESIC to conduct awareness programmes through their networks.</li></ul>

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21	Information and Technology	<ul style="list-style-type: none"> <li>Village level engagement of Common Service Centers for beneficiary registration, monitoring, printing of beneficiary certification and other services where connectivity and web-based methods are required</li> </ul>	<ul style="list-style-type: none"> <li>Encouraging mobile service providers to send text and voice messages, caller tunes on COVID vaccination</li> <li>Message and IEC on telephone bills etc.</li> </ul>
22	State AIDS Control Society	<ul style="list-style-type: none"> <li>(Integrated Counselling Testing Centre)ICTC Counsellors/</li> <li>Counsellors in TI projects to provide counselling on hesitancy, eagerness etc.</li> </ul>	<ul style="list-style-type: none"> <li>ICTC Counsellors to provide counselling on hesitancy, eagerness etc.</li> <li>TI projects to undertake campaigns on anti-stigma, eagerness, hesitancy</li> <li>State AIDS Control Societies to support trainings and awareness campaigns</li> </ul>
23	Department of Power	<ul style="list-style-type: none"> <li>Ensure uninterrupted power supply at vaccine storage point and session site</li> </ul>	

# Frontline Workers Data uploading





# Frontline Workers Categories

Deputy Commissioners/ Commissioner-BBMP should review and ensure uploading of following beneficiaries on Co-WIN portal before 20<sup>th</sup> January 2021

**The database of Front Line Workers on Co-WIN software will be frozen on 25th January 2021 midnight.**

No addition of beneficiaries on Co-WIN portal will be permitted beyond the stipulated timelines.

Frontline workers are personnel from for following departments

## Ministry of Housing & Urban Affairs

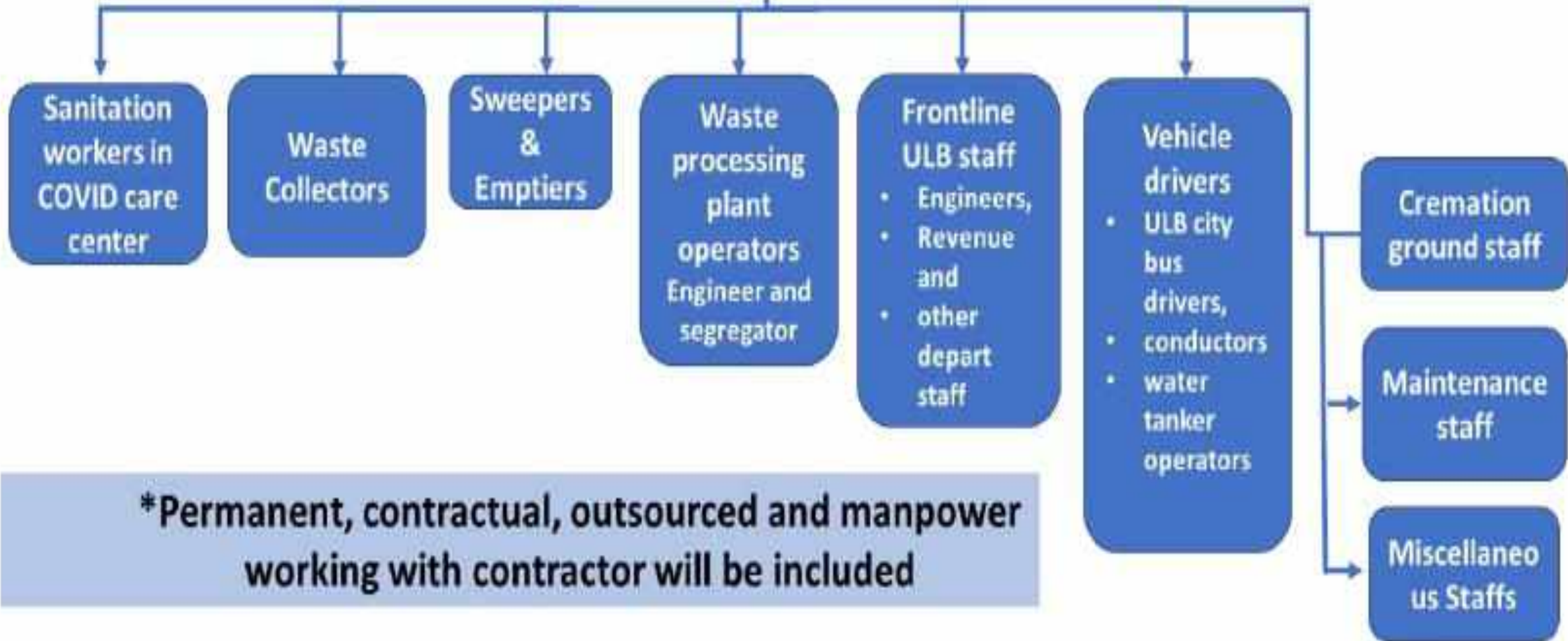
Municipal Workers

## State Govt.

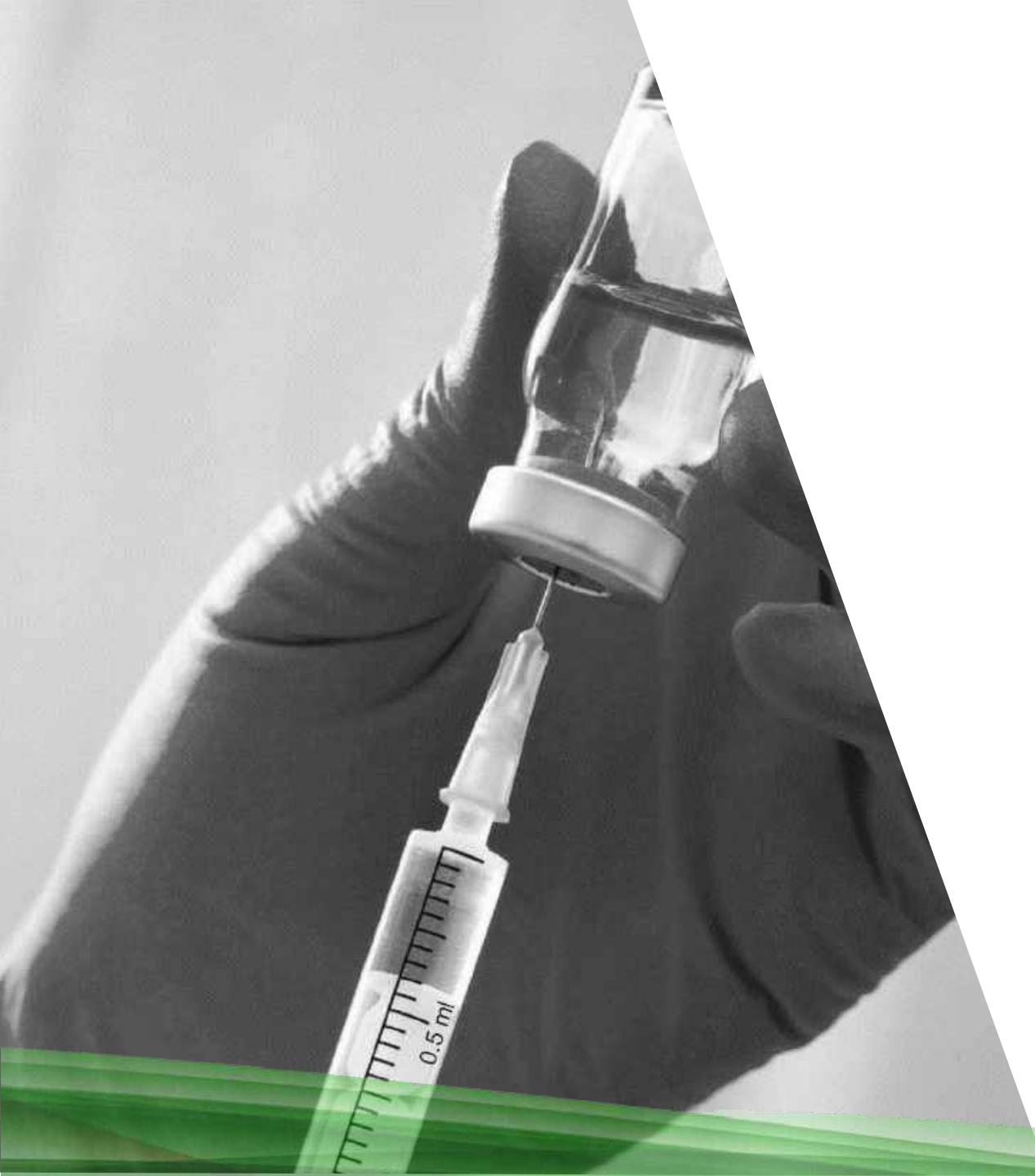
State Police

Revenue department staff engaged in COVID-19 activities

# Municipal Workers



**\*Permanent, contractual, outsourced and manpower working with contractor will be included**



# Thank You

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World Health  
Organization  
India



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GATES foundation