

How India the second most population of world affect less from Covid-19 infection

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Abstract

Corona viruses are recognized as the major causes of the common cold syndrome. The role of these viruses in more serious respiratory illnesses resulting in hospitalization. India is the second most population country around 130 billion after china. The first case of the 2019–20 coronavirus pandemic in India was reported on 30 January 2020, originating from China. As of 26 March 2020, the Indian Council of Medical Research and Ministry of Health and Family Welfare have confirmed a total of 649 cases, 42 recoveries, 1 migration and 13 deaths in the country. The infection rate of COVID-19 in India is reported to be 1.7, significantly lower than in the worst affected countries. It is possible due to some proper planning and executing of India Government, public awareness believe and support .In order to fight against the unwanted challenge the people of highly affected country should follow the policy of India.

Keywords: Corona viruses, people, India, awareness

Introduction

As we all know Coronaviruses cause acute, mild upper respiratory infection are classified together on the basis of the crown or halo-like appearance of the envelope glycoproteins, and on characteristic features of chemistry and replication. Most human coronaviruses fall into one of two serotypes: OC43-like and 229E. On January 7, officials announced they had identified a new virus, according to the WHO. The novel virus was named 2019-nCoV and was identified as belonging to the coronavirus family, which includes SARS and the common cold. In case of India the first case reported on 30th January i.e after 23 days of its identification in china. India is the neighboring county of china, so the chances of infection In India were higher than other country of the world. But As of 26 March 2020, the Indian Council of Medical Research and Ministry of Health and Family Welfare have confirmed a total of 649 cases, 42 recoveries, 1 migration and 13 deaths in the country. The infection rate of COVID-19 in India is reported to be 1.7, significantly lower than in the worst affected countries.

Closedown and curfews

- On 5 March, amidst a surge in fresh cases being confirmed in Delhi NCR, the Government of Delhi announced that all primary schools across Delhi would be shut until 31 March as a precaution.^[1]
- On 7 March, primary schools in Jammu district and Samba district were closed down until 31 March after two suspected cases with "high viral load" were reported in Jammu.^[2]
- On 9 March, district collector of Pathanamthitta district of Kerala declared three days long holidays for all educational institutions in the district.^[3] Karnataka declared indefinite holiday for all kindergarten and pre-primary schools in Bangalore.^[4] The holiday was extended to all primary schools up to fifth grade after a confirmed case was reported in the city.^[5]
- On 10 March, Kerala announced closure of all schools and colleges across the state until 31 March, with effect from 11 March.^[6]

- On 12 March, the Chief Minister of Delhi Arvind Kejriwal announced that all schools, colleges and cinema halls in New Delhi would be closed till the end of March and all public places disinfected as a precautionary measure.^[7]
- On 12 March, the Chief Minister of Karnataka B. S. Yediyurappa announced that all educational institutions, malls, cinema halls and pubs would be shut for a week across the state. He also issued prohibitory orders on public events such as parties and weddings.^[8] The Government of Odisha, declaring the outbreak a "disaster", announced the closure of educational institutions and cinema halls until the end of the month, as well as prohibition on non-essential official gatherings.^[9] The Government of Maharashtra declared the outbreak to be an epidemic in the cities of Mumbai, Navi Mumbai, Nagpur, Pune and Pimpri Chinchwad. It announced that all malls, cinema halls, swimming pools and gyms in these cities will be closed until 31 March.^[10]
- On 13 March, the Punjab and Chhattisgarh governments declared holidays in all schools and colleges till 31 March.^[11,12] Manipur government announced that all schools in the state, where examination are not being held would remain closed till 31 March.^[13]
- On 14 March, the Himachal Pradesh chief minister Jai Ram Thakur declared that all educational institutions and theaters would remain closed until 31 March as a precautionary measure in view of the threat of the coronavirus.^[14] Also, in the West Bengal government announced that all educational institutions will be closed till 31 March, however the board examinations will be conducted.^[15] Maharashtra government closed shopping malls, swimming pools, movie theatres, gyms and asked all schools and colleges in the state's urban areas to remain close till 31 March 2020.^[16,17] Government of Rajasthan announced to close all educational institutions, gyms, and cinema halls till 30 March, however ongoing school and college exams will continue.^[18]
- On 15 March, IIT, Bombay suspended all academic activities till 29 March.^[19] In Goa chief minister Pramod Sawant declared that all educational institutions would remain closed until 31 March. While the examinations of the 10th and 12th Goa Board of Secondary and Higher Secondary Education will be held as per schedule.^[20] Brihanmumbai Municipal Corporation shut down Jijamata Udyaan till further orders.^[21] The Gujarat government announced that all schools, colleges, cinema halls will be closed till 31 March, however the board examinations will be conducted.^[22] Bihar Public Service Commission (BPSC) has postponed all the recruitment exams till 31 March.^[23] Vaishno Devi Shrine Board issued an advisory asking non-resident Indians and foreigners not to visit the temple for 28 days after landing in India.^[24] The Tamil Nadu and Telangana governments declared closure of schools, malls and theatres till 31 March.^[25,26] Ministry of Culture shut down all monuments and museums under Archaeological Survey of India till 31 March.^[27]
- On 17 March, schools, colleges and multiplexes in Uttar Pradesh were shut down till 2 April and on-going examinations were postponed.^[28] BMC ordered private firms in Mumbai to function "only at 50% of their staff capacity or face action under section 188 of the IPC".^[29] Rajasthan government banned the gathering of more than 50 people in public places till 31 March.^[30] Important tourist destinations in Tamil Nadu were locked down. Authorities in Nilgiris district ordered the closure of tourist sites including Ooty and the tourists staying in hotels and resorts were given 24 hours to leave the city.^[31] In Maharashtra, government offices were closed down for seven days.^[32] Chandigarh administration ordered the closure of shopping malls, cinema halls, gyms, nightclubs, swimming pools, coaching centres, spas, creches and video game parlours till 31 March. It also banned gatherings of more than a 100 people and census work was postponed.^[33] At the same time, Dera chiefs were asked to postpone all religious events till 31 March.^[34] The GoM has also directed that no more than 50 people are allowed to gather at any place other than weddings.^[35] Pondicherry shut down schools, colleges, cinemas and gyms till 31 March.^[36] Mumbai Police ordered the closure of pubs, bars and discotheques till 31 March.^[37]
- On 18 March, District Magistrate of Srinagar in Jammu and Kashmir said that the entry of all foreign tourists has been banned in the entire union territory.^[38] On the other hand, the Directorate of Floriculture, Parks and Horticulture of the state has also extended the Bagh-e-Bahu Garden to the general public from 18 to 31 March to keep the situation under control in the Union Territory.^[39,40] Government of Andhra Pradesh announced closure of all educational institutions till 31 March.^[41]
- On 23 March Chief Minister of Maharashtra announced that borders of all the districts will be closed, and a strict curfew will be implemented statewide.^[42]

Lockdown

On 22 March, the Government of India decided to completely lockdown 82 districts in 22 states and Union Territories of country where confirmed cases have been reported till 31 March.^[43] At 6 am on 23 March Delhi will be put under lockdown till at least 31 March. Essential services and commodities were to continue.^[44,45] 80 cities including major cities such as Bengaluru, Chennai, Mumbai^[46], Chandigarh^[47] and Kolkata were also put under lockdown.^[48] Inter-state movements are allowed during the lockdown period. However some states have closed their borders.^[49] On 23 March, union and state governments announced the lockdown of 75 districts where cases were reported.^[50] On 24 March, PM Narendra Modi announced a complete nationwide lockdown, starting from midnight for 21 days. .

The following interventions are forced to adopt:

- Closure of all educational establishments (schools, universities etc), gyms, museums, cultural and social centres, swimming pools and theatres. Students should be advised to stay at home. Online education to be promoted.
- Possibility of postponing exams may be explored. Ongoing exams to be conducted only after ensuring physical distance of one meter amongst students.
- Encourage private sector organizations/employers to allow employees to work from home wherever feasible.
- Meetings, as far as feasible, shall be done through video conferences. Minimize or reschedule meetings involving large number of people unless necessary.
- Restaurants to ensure handwashing protocol and proper cleanliness of frequently touched surfaces. Ensure physical distancing (minimum 1metre) between tables; encourage open air seating where practical with adequate distancing.
- Keep already planned weddings to a limited gathering, postpone all non-essential social and cultural gatherings.
- Local authorities to have a dialogue with organizers of sporting events and competitions involving large gatherings and they may be advised to postpone such events.
- Local authorities to have a dialogue with opinion leaders and religious leaders to regulate mass gatherings and should ensure no overcrowding/at least one metre distance between people.
- Local authorities to have meeting with traders associations and other stakeholders to regulate hours, exhibit Do's and Don'ts and take up a communication drive in market places like sabzi mandi, anaj mandi, bus depots, railway stations, post-offices etc., where essential services are provided.
- All commercial activities must keep a distance of one meter between customers. Measures to reduce peak hour crowding in markets.
- Non-essential travel should be avoided. Buses, Trains and aeroplanes to maximize social distancing in public transport besides ensuring regular and proper disinfection of surfaces.
- Hospitals to follow necessary protocol related with COVID-19 management as prescribed and restrict family/friends/children visiting patients in hospitals.
- Hygiene and physical distancing has to be maintained. Shaking hands and hugging as a matter of greeting to be avoided.
- Special protective measures for delivery men/ women working in online ordering services.
- .Keep communities informed consistently and constantly.

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