ICTs and COVID-19: Some Indian Cases

Amit Prakash
Associate Professor and Convenor
Centre for IT and Public Policy
IIIT Bangalore, India
COVID-19 INDIA
as on: 25 April 2020, 08:00 GMT+5:30

- Active Cases: 18,668
- Cured / Discharged: 5,062
- Deaths: 775

Trends: All States
- Active cases
- Cured
- Death

https://www.mohfw.gov.in/
Aarogya Setu
App for iOS and Android

• Mobile application developed by the Government of India to connect essential health services with the people of India.

• Aimed at augmenting the initiatives of the Government in proactively reaching out to and informing the users of the app regarding risks, best practices and relevant advisories pertaining to the containment of COVID-19.

• Uses location data from persons’ smartphones to tell users if they have been near someone who tested positive for COVID-19.

• More than 50,000,000 installs

Kerala
Population: 35 million (approx)

Karnataka
Population: 66 million (approx)

Maharashtra
Population: 120 million (approx)

https://www.mohfw.gov.in/
Karnataka
Population: 66 million (approx)
Government of Karnataka’s COVID-19 Dashboard

http://covid19dashboard.karnataka.gov.in/
Map showing 100 meters Buffer for P168 of Bengaluru (Urban) District, Bangalore (North) Taluk

http://dev.ksrsac.in/coviddocs/4%20Patientwise_CContainment%20Zone%20Map/
Kerala
Population: 35 million (approx)

https://www.mohfw.gov.in/
PATIENT FLOW CHART-COVID 19-R15 / THIRUVANANTHAPURAM

21/03/2020
IX540
Dubai-Trivandrum
Trivandrum International Airport

Pre-paid Taxi
KL-21-M-7995
(Driver identified)

21/03/2020 to
28/03/2020
Strict Home
Isolation
(No visitors)

28/03/2020
Mild cough
Rhinitis

28/03/2020
Contacted
DISHA

31/03/2020
Symptoms
persisting

28/03/2020 to
31/03/2020
Home
(Strict isolation)
(No visitors)

31/03/2020
Ambulance

28/03/2020
GH, Tvm
Admitted
Swab taken

2/04/2020
Sample Positive

2/04/2020
MCH,
Trivandrum

Ambulance

Ambulance

Ambulance

Since symptoms were mild, swab not taken and sent home with Home Quarantine

https://dhs.kerala.gov.in/route-map/
“........ what really [seems to have] mattered in the end was Kerala's robust public health system, and a culture of thriving grassroots democracy with power devolving effectively to the village councils. This mainly helped in community outreach, rigorous contact tracing and mass quarantine.”

Thank You!

amitprakash@iiitb.ac.in