

# National Webinar on COVID Data Management and Epidemiological Analytics: Dealing with Government Data Records

From 29/06/2020 [1 day(s)]

Organized by

Dept. of Statistics, Faculty of Science

Date & Time	Theme	Organizer	Speaker
29 <sup>th</sup> June 2020	National Webinar on "COVID Data Management and Epidemiological Analytics: Dealing with Government Data Records"	Dept. of Statistics, Faculty of Science	Dr. Prashant Kirkire, Clinical Statistics

Department of Statistics  
Faculty of Science  
Organizes Webinar on  
COVID data management and Epidemiological Analytics  
Dealing with Government Data Records  
June 29, 2020, Time 3:00 pm to 4:30 pm

**Patron**  
Prof. Parimal Kulkarni  
Vice-Chancellor  
The Maharashtra State Open University of Baroda

**Co-Patron**  
Prof. Hrishabh Patil  
Dean, Faculty of Science

**Convener**  
Prof. V. K. Kulkarni  
Head, Department of Statistics

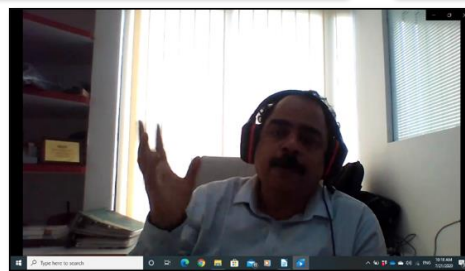
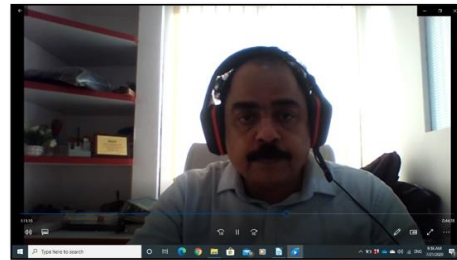
**Speaker**  
Dr. Prashant Kirkire  
President,  
Ergonomics Centre for Clinical Excellence LLP

Dr. Prashant Kirkire is a faculty member and holds many high profile key positions in organizations like Pfizer Global R&D, Unilever-Health, ICMR, and IITM, among many others. He is a holder of Medical Association for Statistics in Clinical Trials.

On the occasion of **International Statistics Day**, he will deliver a talk on the most contemporary topic of present times based on the study undertaken by ICMR, Center for COVID (Amritsar) & South Health (Amherst) Consortium.

**Coordinator**  
Dr. Prashant Kirkire  
Asst. Professor

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**EPIDEMIOLOGICAL ANALYTICS**

**Herd Immunity**

- herd immunity occurs when a significant proportion of the population (in the herd) have been vaccinated (or are immune by some other mechanism), resulting in prevention (or mitigation) of transmission of infection. The larger the number of people who are immune in a population, the lower the likelihood that a contagious person will come into contact with the infection. It is more difficult for diseases to spread between individuals if their numbers are already immune or the chain of infection is broken.

Graph showing herd immunity percentage over time (2020-01-01 to 2020-06-01).

Date	Percentage
2020-01-01	0%
2020-01-15	0%
2020-02-01	0%
2020-02-15	0%
2020-03-01	0%
2020-03-15	0%
2020-04-01	0%
2020-04-15	0%
2020-05-01	0%
2020-05-15	0%
2020-06-01	0%

Dr. Prashant Kirkire, Clinical Statistician discussed about the COVID data management and epidemiological analytics and contextual dealing with the Government Data Records available in public domain.

Total 61 participants including students and teachers were present this event.