



## Workshop on “COVID-19: Data and Modelling” 9-10 July 2021

Organised by:  
Prof. M Bhattacharjee<sup>1</sup> and Prof. Arup Bose<sup>2,3</sup>  
School of Mathematics and Statistics,  
University of Hyderabad

### Program

#### 9 July 2021



Vice Chancellor  
University of Hyderabad

9:50am-9:55am  
*Inauguration*



**Partha P. Majumder**  
National Institute of Biomedical  
Genomics, Kalyani

9:55am-10:40am  
*Sprints and Hops: The Completed Global  
Journey of a SARS-CoV-2 Variant*



**Siva Athreya**  
Indian Statistical Institute,  
Bangalore

10:40am-11:20am  
*An understanding of COVID-19 spread  
through Seroprevalance, Seroreversion, and  
Vaccination in Karnataka*



**Arup Bose**  
Indian Statistical Institute,  
Kolkata

11:20am-12:00noon  
*Covid19 in India: Dynamic SIRD*

#### 10 July 2021

**Sandeep Juneja**

Tata Institute of Fundamental  
Research, Mumbai

10:00am-10:40am  
*Modelling Covid Spread in a City through  
Simulations and some Algorithmic  
Enhancements*



**Sashikumar Ganesan**

Indian Institute of Science,  
Bangalore

10:40am-11:20am  
*Spatio-temporal modeling of COVID-19: IISc  
Model*



**Manindra Agrawal**

Indian Institute of Technology,  
Kanpur

11:20am-12:00noon  
*The COVID SUTRA*



<sup>1</sup> Supported by DST-SERB MATRIX COVID Call 2020 (MSC/2020/000252)

<sup>2</sup> Professor, Indian Statistical Institute, Kolkata

<sup>3</sup> Adjunct Professor, School of Mathematics and Statistics, Univ. of Hyderabad