

# national webinar on covid-19

*Organized jointly by  
Department of Physics  
&  
IQAC, City College*

## Statistical Physics Modelling of Epidemic Dynamics

### Speaker:

Dr. Soumyajyoti Biswas,  
SRM University, India



### About the Speaker

Dr. Biswas obtained his Ph.D from Saha Institute of Nuclear Physics, Kolkata. Subsequently, he has held post-doctoral positions at the Institute of Mathematical Sciences, Chennai, University of Tokyo, Japan (JSPS Fellow), Max Planck Institute for Dynamics and Self-Organization, Goettingen, Germany (Humboldt Fellow) and Friedrich-Alexander-University, Erlangen-Nuremberg, Germany. In 2019, he joined SRM University as an Assistant Professor of Physics.

**Monday June 29, 2020  
03.00 PM**

**Registration closes on 25 June, 2020  
Registration is free but mandatory**

**[Click here for registration](#)**

Contact: +919474320363  
[seminar.cityphysics@gmail.com](mailto:seminar.cityphysics@gmail.com)

Number of participants restricted to 90 on first come-first served basis

# National Webinar on COVID 19



 Inbox



**Seminar Phys...** 29/6/2020

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Dear Colleagues,

Hope you all are fine. Today afternoon we are going to organize the webinar on COVID 19.

Following is the Google Meet link for the webinar scheduled today, 3pm.

<http://meet.google.com/kdx-hdck-dff>

You can join the meeting from 2.45 pm onwards.

Link to a feedback form is provided below. This link will be activated only after the webinar and remain live till 3.00 pm, 01.07.2020. Kindly fill up the form - your feedback is important to us – it will help us do better in future webinars.

<https://forms.gle/ddeKmRQyZQ7zsF6g8>

Hope to see you today.

Organizers

National Webinar on COVID-19

Department of Physics,

City College, Kolkata.

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### Report of the Online Seminar

Due to the lockdown imposed by the Government because of the ongoing COVID-19 pandemic, the seminar was organized in online mode in collaboration with IQAC, City College. The seminar was attended by around 90 participants consisting of faculties and students of different colleges and universities across West Bengal.

The seminar started with an opening address by Dr. Kausik Mukhopadhyay, Assistant Professor, Department of Physics, City College. Our respected principal, Dr. Sital Prasad Chattopadhyay could not be present in the seminar due to other engagements. He sent a prerecorded voice message which was played after the opening address. This was followed by the lecture delivered by Dr. Soumyajyoti Biswas of SRM University.

The outbreak of COVID-19 and the subsequent lockdowns have wreaked havoc with our daily lives in more ways than one. The crisis is unforeseen in history and has prompted scientists across the world to address the challenge in different ways. Our esteemed speaker explained how physicists are attempting to model the dynamics of COVID-19 in the hope that a faithful model will help us gauge how the pandemic is spreading. Knowledge of the epidemic dynamics can provide insight into the growth rate and the various factors affecting the spread of the disease. This will also help the Government and the policy-makers to chalk out a blueprint and enforce measures for tackling the spread of the disease.

The lecture was followed by a question and answer session where inquisitive members of the audience asked the speaker questions regarding the spread of COVID-19. The seminar ended with a vote of thanks by Dr. Anshuman Nandy, Assistant Professor, Department of Physics, City College.

#### Name of Participants:

Kausik Mukhopadhyay  
Somdeb Chakraborty  
Priyanka Banerjee  
Arindam Midya  
Asim Ghosh  
Moumita Patra  
ANSHUMAN NANDY  
Nihar Sarkar  
Surajit Mandal  
Jayeeta Chowdhury  
Jaya Maji  
Sayantan Datta  
Anup Ghosal  
Arnab Sarkar  
Devoshree Mondal  
RITUPARNA DAS  
Saumita Ghosh  
Deblina Chatterjee  
TITIR SARKAR  
Nandini Chakrabarti  
SOMEN BISWAS  
Roni Sarkar



Bappa Saha  
Shreyasi Pal  
DEBASMITA SAMANTA  
Ravi Pratap Singh  
Shubhankar Roy  
Soumen Roy  
Asok Kumar Das  
Samapti Pal  
Kalyan Samajpati  
Dr. Somnath Middy  
Anjan Kumar Chandra  
Kamalika Hajra  
Arunabha Saha  
Shankar Ashok Gaware  
ARKADEEP MITRA  
AMIT KUMAR TUDU  
Shinjinee Das Gupta  
AYANTIKA PAUL  
AYANTIKA PAUL  
Anal Chatterjee  
Ajanta Bhowal Acharyya  
AMIT KUMAR GUIN  
SUBHAJIT ROY CHOWDHURY  
SUBHABRATA GUHA  
DEVDALI BANERJEE MITRA  
Md Abu imran Mallick  
MOHIMA MITRA  
Soham Mondal  
Dhaatrik Chowdhury  
Nupur Bhakta  
Madhumita Nath  
ARPITA SAHA  
Shramana paul  
Deep Chakraborty  
Nisha Tanti  
Kathakali Biswas  
Madhumita Dalal  
SATARUPA BHATTACHARJEE  
Shatabdi Debnath  
Shuvajit Khatua  
BISWAJIT SAHA  
Kinjal srivastava  
Tanmoy Ghosh  
PARNA CHAKRABORTY  
ANANYA KHAN  
Soumya Khan  
SUPRIYO MALLICK  
Mitali Middy  
SUNANDO SANTRA  
MISS ITIKA BARDHAN  
Souren Mondal  
Souren Mondal

Ritika Chatterjee  
Suyanta Santra  
SATARUPA BHATTACHARJEE  
Bikram Ghosh  
Soutik Adak  
Saptarshi Chakraborty  
Debbbrata Sarkar  
SAYANEE JANA  
Subhabrata Chatterjee  
Shreyoshee Das  
Arghyadeep Maji  
Debasrita Chakraborty  
MONALISA HALDER  
Shibsankar Dutta  
SWARNAVA HALDER  
Dipanwita Das

*Samapki Pal*

HEAD  
DEPARTMENT OF PHYSICS  
CITY COLLEGE, KOLKATA-700 009

*Sat Chatterjee*  
Principal  
CITY COLLEGE  
KOLKATA

# National Webinar on "Covid - 19 Statistical Physics Modelling of Epidemic Dynamics"



**Date: 29<sup>th</sup> June, 2020**

**Organized jointly by Department of Physics and IQAC**

**City College**

**102/1, Raja Rammohan Sarani, Kolkata-700009, West Bengal**

## Certificate of Participation

*This is to certify that Monalisa Haldar, a student of Physics Hons., City College attended National Webinar on "Covid - 19 Statistical Physics Modelling of Epidemic Dynamics held on 29<sup>th</sup> June, 2020, jointly organized by the Department of Physics and IQAC, City College, Kolkata - 700009*



**Dr. Sital Prasad Chattopadhyay**  
**Principal, City College**