



Ministry of Statistics & Programme Implementation



Theme: Sustainable Development Goals (SDGs)-2: End Hunger, Achieve Food Security and Improved Nutrition and Promote Sustainable Agriculture

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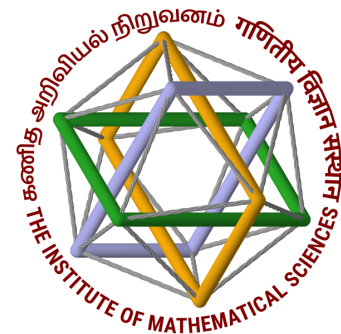
Recognizing the importance of Statistics in day-to-day life and to popularize its use, the Government of India has been celebrating birth Anniversary of the legendary Statistician, late Prof. P. C. Mahalanobis, on 29th June, as “Statistics Day”.

Due to the prevailing Covid-19 pandemic, the Ministry of Statistics and Programme Implementation (MoSPI) celebrated Statistics Day, 2021 in virtual mode, through video conferencing. The event was also live streamed through various social media platforms of the Ministry. The theme selected for the “Statistics Day” 2021 was Sustainable Development Goal (SDG) - 2 (End Hunger, Achieve Food Security and Improved Nutrition and Promote Sustainable Agriculture).

Minister of State (Independent Charge), Ministry of Statistics and Programme Implementation (MoSPI) and Ministry of Planning, Rao Inderjit Singh graced the occasion as Chief Guest of the event and addressed the participants through virtual mode. Prof. Bimal Kumar Roy, Chairman, National Statistical Commission (NSC), Dr. G. P. Samanta, Chief Statistician of India & Secretary, MoSPI, Prof. Sanghamitra Bandyopadhyay, Director, Indian Statistical Institute also addressed the audience. The representatives of international agencies namely, Mr. Pietro Gennari, Chief Statistician, Food and Agriculture Organization (FAO) of the United Nations; Ms. Renata Lok-Dessallien, UN Resident Coordinator, conveyed their message on the occasion. Senior officers of Central/ State/UT Governments, representatives of various National and International agencies etc., also joined the event.

During the event, the winners of the National awards instituted by the Ministry were announced and they were felicitated virtually. Prof. P. C. Mahalanobis National Award in Official Statistics-2021 for the lifetime achievements was conferred upon Dr. R. B. Barman, Former Chairman, National Statistical Commission. **Prof. P. C. Mahalanobis National Award in Official Statistics-2021 in the category of in-service Official Statistician above 45 years of age, was conferred upon Dr. Sitabhra Sinha, Professor, Institute of Mathematical Sciences, Chennai.** Prof. C.R. Rao National Award in Statistics for Young Statisticians-2021 was given to Dr. Kiranmoy Das, Associate Professor, Indian Statistical Institute, Kolkata. The winners of these National Awards also expressed their views during the occasion. The winners of ‘On the Spot Essay Writing Competition’ for Post-Graduate Students on the subject relevant to Statistics as organized by the Ministry at All India level were also felicitated during the event virtually.

The Institute of Mathematical Sciences, Chennai



Quarterly Report

October - December 2021



3. Playing games during a pandemic: Mathematical modeling for public health

Speaker: **Prof. Sitabhra Sinha**, The Institute of Mathematical Sciences (IMSc), Chennai, India

Date: 26 November 2021, 16:00 hrs - 17:00 hrs

Abstract: Using the language of game theory, we explore how individual responses to public health measures for containing pandemics constrain their effectiveness. Even when the benefits of such measures-which may involve vaccination or non-pharmaceutical interventions such as quarantining or mask-wearing - may appear obvious, individuals upon weighing the risk of infection against the cost(s) of adopting such measures, may decide not to conform. Not surprisingly, the course of the epidemic will itself depend on the collective aggregate of such individual decisions, with less-than-complete adherence bringing about multiple resurgences of the epidemic.

This event was also to felicitate Prof. Sitabhra Sinha who was awarded the prestigious Prof. P.C. Mahalanobis National Award 2021.

Video Link : <https://youtu.be/rzA1kYqbonw>

