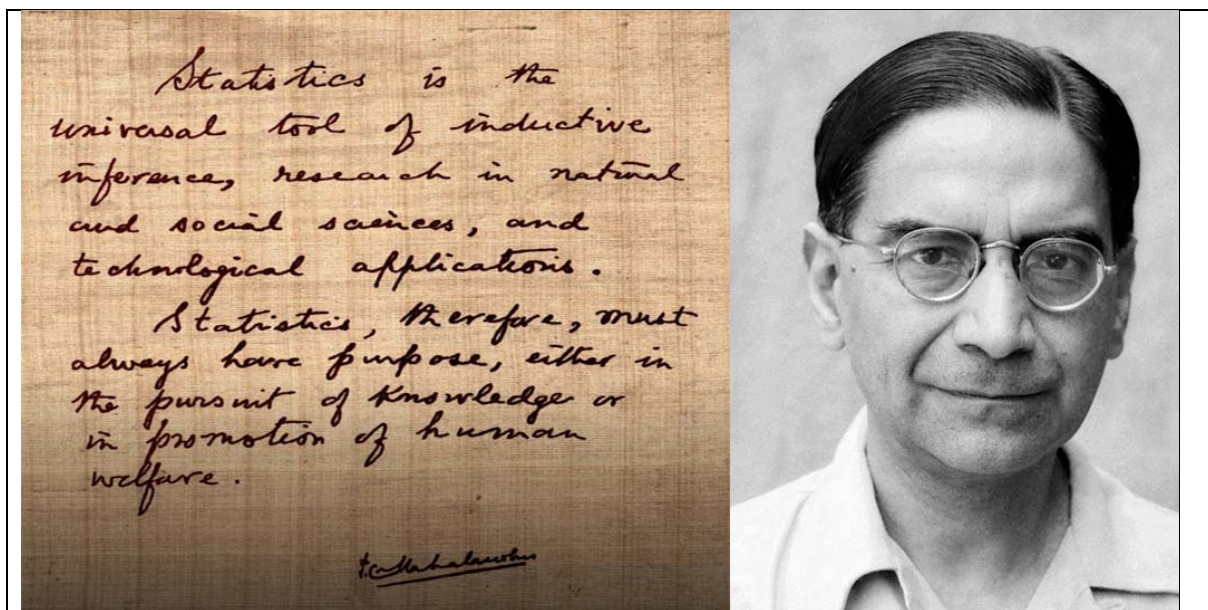


## Event: National Statistics Day-29<sup>th</sup> June

### Department of Mathematics

### Indian Institute of Technology Bombay

The Government of India designated June 29<sup>th</sup> as National Statistics Day to honour Prof. Prashant Chandra Mahalanobis' birth anniversary and recognise his contribution in statistics and economic planning in 2007. The Department of Mathematics of IIT Bombay is organizing an event on this special day to illustrate the role of statistics in national development.



On this occasion Prof. Bimal Roy (former Director of the Indian Statistical Institute, Kolkata) will deliver a lecture on the contribution of Prof. Mahalanobis. The lecture will be delivered at 12:00 pm on 29<sup>th</sup> June 2024 in online mode. In the afternoon of 29<sup>th</sup> June, Professor Debasis Sengupta (former Dean of the Indian Statistical Institute) will deliver a lecture on statistics in public policy. The lecture will be delivered at 3:00 pm on 29<sup>th</sup> June in online mode. Please find the details below.

All are cordially welcome to the event.

## Lecture 1

**Title:** A relook at contributions of Prof. P.C Mahalanobis.


**Abstract:** 3 major contributions viz. Mahalanobis Distance, Half Sampling and Large Scale Sample Surveys will be discussed.

**Date:** 29<sup>th</sup> June 2024

**Time:** 12:00 pm to 12:45 pm

**Meeting link:** <https://meet.google.com/tsr-jefq-jom>

### Short Bio of Professor Bimal Kumar Roy.

	<p>Prof. Bimal Roy is the Founder and General-Secretary, Cryptology Research Society of India. He served as director of the ISI from 2010 to 2015. He also served as the Head of the R C Bose Centre for Cryptology and Security, ISI Kolkata from 2015-2021.</p>
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During 2019 to 2022, he served as the Chairman of National Statistical Commission. He was conferred the **Padma Shri Award** by the Government of India in 2015. He is a Fellow of Indian Society for Probability and Statistics and National Academy of Sciences, India.

He has served several national and international professional body in several prestigious capacity. To mention few, he served as Chairman, Steering Board, Indo-French Centre for Applied Mathematics (IFCAM), the National Center for Scientific Research, Government of France, Member of Scientific Council, Indo-French Centre for the Promotion of Advanced Research (CEFIPRA), Member of India-Japan Science Council, Board Member of National Board for Higher Mathematics (NBHM), Member of UNESCO Technical Advisory Committee, Asia-Pacific, Member of Program Advisory Committee for Mathematical Sciences, Department of Science and Technology (DST).

He supervised several students and most of them are working in leading positions at national and international institutions. His research interest broadly lies in the area of cryptology, statistics, computer science. The government of India has issued a postal stamp (see the image) to recognize his services to the country.

## Lecture 2

**Title:** Statistics in public policy: The case of Teesta Barrage Project

**Abstract:** This lecture will give a statistical overview of the experiences of the Government of West Bengal in managing the flow of the mighty River Teesta, and the insight obtained with regard to public policy.

Date: 29<sup>th</sup> June 2024

Time: 3:00 pm to 4:00 pm

Meeting link: <https://meet.google.com/tsr-jefq-jom>

### Short Bio of Professor Debasis Sengupta.



Prof. Debasis Sengupta is a leading statistician in India. He holds PhD degrees in Statistics and in Electrical and Computer Engineering from the University of California, Santa Barbara. Since 1990 he has been working at the Indian Statistical Institute, where he has been a professor since 1998 and served as the Dean of Studies during 2020-22. His research publications have mainly been in the areas of linear models and regression, reliability, signal processing and environmental statistics. He authored the book *Linear Models and Regression in R* and three non-technical books in Bangla. He also supervised the theses of several PhD students, who are currently working in academic positions in India and abroad. Over the years he has participated in various research projects for the government and the industry, and served in some government committees. One of the assignments in the later category led to the subject matter of the present lecture, a part of which was published in the *Annals of Applied Probability*.