

Indian Statistical Institute

Applied Statistics Unit

SEMINAR NOTICE

Speaker: Anurag Dey

Title: Different estimators of mean in finite populations

Date: 22 August, 2023

Time: 16:15 PM

Venue: ASU Seminar Room

Online Platform: Google Meet (meet.google.com/owq-rdns-pck)

Abstract: In this seminar, I shall investigate several estimators of finite population mean. I shall consider situations where data are finite as well as infinite dimensional in nature. The performance of these estimators will be compared under different sampling designs based on their asymptotic distributions. One of the major findings is that although the use of the auxiliary information in the estimation stage usually improves the performance of different estimators, the use of the auxiliary information in the sampling design stage often has adverse effects on the performance of these estimators. If time permits, I shall also discuss results related to the estimators of functions of mean like variance, correlation coefficient and regression coefficient.

All are invited to attend.

Please write to SOMENATH DAS somenath1011@isical.ac.in in case you do not receive the invitation link 48 hours before the seminar time.