

Workshop on Mathematical Genomics

February 19-22, 2018

Organized by

**Applied Statistics Unit, Indian Statistical Institute
Kolkata**

at

Department of Zoology, Sikkim University

Sikkim

As part of the ongoing training programmes, with focus on the needs of the people of North-Eastern states of India, the Indian Statistical Institute is organizing a *Workshop on Mathematical Genomics* at Department of Zoology, Sikkim University, Sikkim during February 19 -22, 2018.

Target Group: The target participants are researchers from Bioscience, Chemistry, Computer Applications and Mathematics who would like to use Mathematics in Genomics in their research from various academic institutions of Sikkim.

Course Content: Introduction to Bio Informatics, Mathematical Genomics, Role of Mathematics in Genomics, Gene and Protein Classification using Mathematical Tools such as Morphology, Integral Value Transformations, Boolean functions, Ternary functions. Bio-Chemical properties of constituents of Genes and Proteins, Sequence analysis and Phylogenetic Tree will be included.

Workshop Charges: There is no charge for training or fees for registration in the workshop. No TA and DA will be paid to the participants.

Tea and snacks will be provided to all participants free of cost on all four workshop days during February 19 -22, 2018.

To Apply: Scanned copy of the complete application as per enclosed format should be sent by email to the address asuoffice@isical.ac.in, asuofficeisikolkata@gmail.com and headasuisi@gmail.com with a copy to bchettri01@cus.ac.in by **24 January, 2018**. Late and incomplete application will not be entertained.

Selected candidates will be informed by email. They have to submit hard copy of the filled in application with proper endorsement at the time of joining the workshop, otherwise their candidature will be cancelled.

Last Date: Last date of receiving application is **24 January, 2018**