



PRESENTS

ONE DAY WORKSHOP BIOINFORMATICS IN DRUG DEVELOPMENT

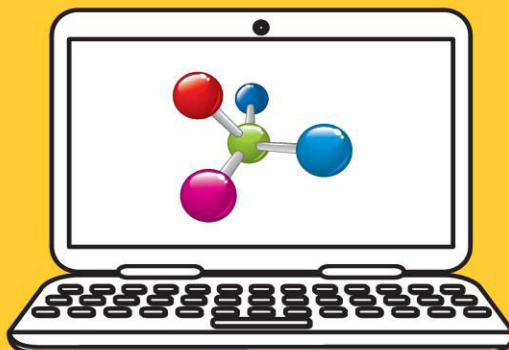
Exploring Medicines using Bioinformatics
06 May 2022 [11:30 AM to 02:30 PM]

AT RANIGANJ GIRLS' COLLEGE
IN RANIGANJ, WEST BENGAL



Registration Link

<https://imjo.in/ye4Aqi>





In this workshop, you will learn:

Drug Discovery & Development:

We will start this workshop with an introduction to the drug discovery process. The modern drug discovery process integrates our deepest understanding of the molecular basis for disease with a fundamental understanding of how potential drug molecules interact with specific disease targets and the whole organism.

Biological Databases:

You will learn first of all how data is stored and manipulated. Subsequently, we will begin to introduce to you nucleotide, protein, and drug databases. You will analyze the pharmacological action reports of the selected medicines.

International HapMap Project:

The goal of the International HapMap Project is to determine the common patterns of DNA sequence variation in the human genome and to make this information freely available in the public domain. The HapMap has become an important tool for researchers to use to find genes that affect health, disease, and response to drugs and environmental factors.

COVID-19 Genome Informatics:

You will analyze SARS-CoV-2 genomic data by using International Coronavirus genomic resources.

The students will receive a participation certificate after successfully completing all modules of the workshop.