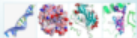




National workshop on

Drug Discovery through Bioinformatics

2nd-3rd November, 2023



Themen

**Molecular Modelling, Simulation and Dynamics,
Computer-aided Drug Design, Case Studies**

Topic: Department of Bioinformatics



Organized by

**Department of Bioinformatics
Central University of South Bihar**

SH-7, Gaya - Patanchangpur Road

Gaya - 824236

About CUSB

The Central University of South Bihar (CUSB) is established by the Government of India under the Central Universities Act, 2009. CUSB is NAAC 'A++' accredited and an emerging educational hub in the eastern part of India. The University runs undergraduate, postgraduate and research programmes in various disciplines. Overall, CUSB offers conducive environment, adequate infrastructure support and innovative pedagogies to nurture the students.

About the Department of Bioinformatics

The Department of Bioinformatics under the School of Health, Biological and Environmental Sciences (SHBES), is dedicated to the interdisciplinary study of biology, computational sciences, and data science. Established in 2017 with a vision to bridge the gap between biology and information technology, the department offers cutting-edge programmes and research opportunities that cater to the growing demands of the modern biological sciences.

About the Workshop

This two-day workshop aims to provide basic level training in the techniques of computer-aided drug designing particularly focusing on structure-based approaches such as molecular docking, simulation and dynamics. Participants will gain key aspects of modelling, drug design and molecular dynamics through lecture demonstrations and hands-on sessions with expert guidance using widely used software in the area.

Speakers

- Prof. R.D. Mathias, Department of Bioinformatics, CUSB
- Dr. Rajiv Singh, Department of Bioinformatics, CUSB
- Dr. Soumya Singh, Department of Bioinformatics, CUSB

Eligibility

The training programme is open to PG/PGD students and faculty/students of biological sciences. The course is limited to 20 external participants on first come first serve basis.

Registration Fee

A registration fee of Rs. 1000/- (for PG/PGD students) or Rs. 2000/- (for faculty/students) will be charged, which will cover registration kit, lunch, and refreshments. Participants must meet the 15 and 26 km from their own respective hubs.

For following link to register online

<https://forms.gle/842jFv2Wp3Kk43>

Accommodation

Post accommodation will be available in the CUSB guest house on both sharing basis.

Important Dates

Last date of registration: 29th October, 2023

Intimation to participants by e-mail: 29th October, 2023

For any query contact Dr. Soumya Singh

How to Reach CUSB, Gaya

The University is located on SH-7, near Patanchangpur, around 15 kms away from the holy city of Gaya and is easily accessible by road and railways.

Organizing Committee

Patron	Prof. Kamaldeep Singh Singh Vice-Chancellor, CUSB
Chairman	Prof. Prashant Pankaj Singh Dean, SHBES
Co-chair	Prof. Rakeshwar Singh Mathias
Convener	Prof. Ashwani Kumar
Supporting Committee	Dr. Anu Kumar Singh Dr. Vimal Kumar Singh Dr. Soumya Singh Dr. Anshu Kumar Singh Dr. Anil Kumar