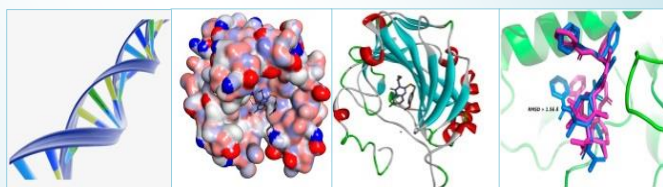


# National workshop on Drug Discovery through Bioinformatics

2<sup>nd</sup>-3<sup>rd</sup> November, 2023



## Themes

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

**Venue: Department of Bioinformatics**



**Organized by**

**Department of Bioinformatics  
Central University of South Bihar  
SH-7, Gaya- Panchanpur 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 Grade '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 Earth, Biological and Environmental Sciences (SEBES), is dedicated to the interdisciplinary study of biology, computational science, and data analysis. Established in 2011 with a vision to bridge the gap between biology and information technology, the department offers cutting-edge programme 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 learn key aspects of modeling, drug design and molecular dynamics through lectures demonstrations and hands-on sessions with expert guidance using widely used software in the area.

## Speakers

- Prof. RS Rathore, Department of Bioinformatics, CUSB
- Dr. Ajay Kr Singh, Department of Bioinformatics, CUSB
- Dr. Durgvijay Singh, Department of Bioinformatics, CUSB

## Eligibility

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

## Registration Fee

A registration fee of **Rs. 1500/- (for PG/PhD students/)** or **Rs. 2500/- (for faculties/scientists)** will be charged, which will cover registration kit, lunch, and refreshments. Participants must meet the TA and DA from their own organization/funds.

Use following link to register online  
<https://forms.gle/d9d6ZyTicZKyQ6JL9>

## Accommodation

Paid accommodation will be available in the CUSB guest house on twin sharing basis.

## Important Dates

Last date of registration: **25<sup>th</sup> October, 2023**  
Intimation to candidates by e-mail: **27<sup>th</sup> October, 2023**  
For any query contact at: [biscusb@gmail.com](mailto:biscusb@gmail.com)

## How to Reach CUSB, Gaya

The University is located on SH-7, near Panchanpur, around 15 Kms away from the holy city of Gaya and is easily accessible by local conveyance.

## Organizing Committee

<b>Patron</b>	Prof. Kameshwar Nath Singh Vice Chancellor, CUSB
<b>Chairman</b>	Prof. Pradhan Parth Sarthi Dean (SEBES)
<b>Co-chair</b>	Prof. Ravindranath Singh Rathore
<b>Convener</b>	Prof. Asheesh Shanker
<b>Organizing Committee</b>	Dr. Ajay Kumar Singh Dr. Vijay Kumar Singh Dr. Durg Vijay Singh Dr. Krishna Kumar Ojha Dr. Anil Kumar