

Workshop on Molecular Modeling, Docking and Network Biology

Build, Bind, Analyze: A Docking & Network Biology Workshop

Imagine designing medications with atomic accuracy, predicting protein interactions that control cellular activities, and navigating biological pathways. The intriguing world of molecular modeling, docking, and network biology is real!

This comprehensive training gives you cutting-edge skills to become a molecular master. Discover protein-ligand interactions via docking, a virtual handshake that underpins drug discovery. Next, explore network biology to trace the complex dance of molecules inside cells and discover life's secret language.

This session sparks your potential to pioneer biomolecular discovery, whether you're a seasoned researcher or an inquisitive student. Come discover life's mysteries one molecule and network link at a time!

Topics:

1. Homology Modeling using MODELLER (v10.4)
2. Molecular Docking using AUTODOCK (v4.2.6)
3. Network Biology using Cytoscape (v3.9.1)
4. Gene Set Enrichment Analysis (v4.3.2)

Bank Account Details:

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Branch Name: Pashan Road Branch
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Contact Details:

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All the participants will receive an e-certificate for attending the workshop

NCCS

An autonomous institute of the
Department of Biotechnology
Ministry of Science & Technology, Govt. of India

14th – 15th June, 2024

Two sessions to be held
everyday

Lecture Sessions: morning
(11 A.M. to 1:30 P.M.)

Hands-On Sessions: afternoon
(2:30 P.M. to 4:30 P.M.)

Fees (including GST):

Students: 1500/-

Faculty: 3000/-

Industry: 8000/-

**Lectures and hands-on
will be conducted online**

Register here:



<https://forms.gle/fHArTNVYP7c3fFvG9>