Cheminformatics Winter Training Program

This program is tailored for students and professionals seeking advanced knowledge in cheminformatics, covering molecular docking, quantum chemistry, and machine learning-based cheminformatics workflows.

Note: Below modules are designed keeping high end industrial professionals into consideration. Please refer individual protocols below for affordable prices.

Click Here for RDKit Training

Exclusive Cheminformatics Modules

Advanced Computational Chemistry and Molecular Modeling

Kindly review the fees outlined for the individual protocols listed in this module.

- Density functional theory (DFT) for molecular property prediction
- Advanced molecular dynamics simulations in cheminformatics
- High-throughput molecular screening techniques
- Ligand-protein interaction analysis for lead discovery

AI and Machine Learning in Cheminformatics

Kindly review the fees outlined for the individual protocols listed in this module.

- Graph neural networks for molecular structure prediction
- AI-driven approaches for chemical reaction prediction
- Developing predictive QSAR models using machine learning
- Automated workflows for cheminformatics-based compound selection

Industrial and Pharmaceutical Applications

Kindly review the fees outlined for the individual protocols listed in this

module.

- Computational approaches for toxicity and ADME prediction
- Cheminformatics-driven innovations in agrochemicals
- Regulatory compliance and cheminformatics tools for safety assessment
- Case studies on cheminformatics applications in the pharmaceutical industry

Individual Protocols Under Cheminformatics Winter Training Program

1. Quantum chemistry approaches for cheminformatics | **Fee: Contact for fee**
2. Density functional theory (DFT) for molecular property prediction | **Fee: Contact for fee**
3. Advanced molecular dynamics simulations in cheminformatics | **Fee: Contact for fee**
4. High-throughput molecular screening techniques | **Fee: Contact for fee**
5. Ligand-protein interaction analysis for lead discovery | **Fee: Contact for fee**
6. Deep learning for drug design and discovery | **Fee: Contact for fee**
7. Graph neural networks for molecular structure prediction | **Fee: Contact for fee**
8. AI-driven approaches for chemical reaction prediction | **Fee: Contact for fee**
9. Developing predictive QSAR models using machine learning | **Fee: Contact for fee**
10. Automated workflows for cheminformatics-based compound selection | **Fee: Contact for fee**
11. Cheminformatics for personalized medicine and drug repurposing | **Fee: Contact for fee**
12. Computational approaches for toxicity and ADME prediction | **Fee: Contact for fee**
13. Cheminformatics-driven innovations in agrochemicals | **Fee: Contact for fee**
14. Regulatory compliance and cheminformatics tools for safety assessment | **Fee: Contact for fee**
15. Case studies on cheminformatics applications in the pharmaceutical industry | **Fee: Contact for fee**

Please contact on +91-8977624748 for more details

Cant Come to Hyderabad? No Problem, You can do it in Virtual / Online Mode