


Online Workshop on Machine Learning for Drug Discovery: Concepts to Applications

Empowering Drug Discovery with the Intelligence of Machine Learning
08-10 July 2026, 6:30 PM IST







 **1.6k+**
Participants





REGISTER NOW

**Fee: INR 999
\$45US**

About the Workshop

Machine Learning for Drug Discovery is a hands-on workshop that introduces the application of AI and machine learning in modern drug development. Participants will learn to build and evaluate ML models for predicting bioactivity, identifying potential drug candidates, and analyzing molecular datasets through practical exercises and real-world case studies.

-  Online Workshop
-  Live & Interactive
-  Sessions Software & Tools Support Session
-  Recordings

-  E-Certificate
-  24x7 Support
-  Protocols & Lecture
-  PPTs Hands-on

Day 1 Module: Introduction to Machine Learning–Part I

- Introduction to Machine Learning
- Feature extraction
- Data partition
- Feature selection
- **Tools & Hands-on:** Introduction of Weka

Day 2 Module: Introduction to Machine Learning–Part II

- Classification algorithms, Machine learning model generation
- Model performance evaluation
- **Tools & Hands-on:** ML Model on Weka

Day 3 Module: Applications of Machine Learning in Drug Discovery

- Bioinformatics datasets
- Developing a ML model for the biological activity prediction of compounds
- **Tools & Hands-on:** GEO & PubChem for Data, aDEL for Feature Extraction, Weka for ML Modeling