Introduction To Cheminformatics

8:45 AM - 10:15 AM: Session 1: Basics of Cheminformatics

Overview of cheminformatics and its significance.
Introduction to the principles and applications of cheminformatics in drug discovery and chemical research.

10:15 AM - 10:30 AM: Coffee / Tea / Snacks Break

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Chemical Databases and Data Mining

Hands-on training on using chemical databases and data mining techniques.
Practical session on retrieving and analyzing chemical information from databases.

12:00 PM - 1:00 PM: Lunch Break

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Molecular Modeling and Visualization

Overview of molecular modeling and visualization tools.
Practical exercises on building and visualizing chemical structures using cheminformatics

software.

2:30 PM - 2:45 PM: Short Break

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Case Studies in Cheminformatics

Discussion on real-world case studies in cheminformatics.
Analysis of cheminformatics applications in drug design, materials science, and chemical research.

4:15 PM - 4:30 PM: Coffee / Tea / Snacks Break

Last networking opportunity with snacks.

4:30 PM - 5:30 PM: Closing Session: Implementing Changes and Technology Adoption

Group discussions on implementing new techniques learned today.
Dialogue on overcoming challenges in adopting new technologies in similar sectors.
Feedback session and closing remarks.
Certificate Issue

5:30 PM: Workshop Concludes