Introduction To Nanoinformatics

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

Overview of nanoinformatics principles and applications.
Hands-on session on studying data analysis at the nanoscale.
Introduction to the importance of nanoinformatics in nanotechnology and bioinformatics.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Techniques in Nanoinformatics

Interactive session on techniques used in nanoinformatics.
Workshop on using computational tools, databases, and modeling software.
Practical demonstration of nanoinformatics techniques.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Data Integration and Analysis

Exploring data integration and analysis in nanoinformatics.

Hands-on training on combining and analyzing data from different sources.
Case studies on the role of nanoinformatics in nanotechnology research.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Applications of Nanoinformatics

Workshop on applications of nanoinformatics.
Practical techniques for applying nanoinformatics in various fields.
Case studies on the impact of nanoinformatics in biotechnology, medicine, and environmental science.

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