



NATIONAL INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH,
RAEBARELI

A Report

Short Term Course on Computational Training Program IIIT Lucknow and NIPER Raebareli

Date: 5th June to 02nd July 2024

Time and duration: 10:00 am to 4:00 pm

Program Theme: Training on advance computation

Objective :- The objective of the session is to learn about of computer software in data analysis

Resource person:

- Dr. Saurabh Shukla Assistant Professor, IIIT Lucknow
- Dr. Mainak Adhikari, Assistant Professor, IISER Thiruvananthapuram
- Dr. Naveen Saini, Assistant Professor IIIT Allahabad

Coordinator:

Dr Gopal Lal Khatik

National Institute of Pharmaceutical Education and Research Raebareli organized a Short Term Course on Computational Training Program.

Course content

- Introduction to Programming & Python Basics
- Python- Data structures and control statements
- Python- Functions
- Python- String and File handling
- Python libraries

- Python- Graphics
- Python-Quiz
- Machine Learning
- Linear Regressions
- Logistic Regressions
- Unsupervised Learning
- Dimensionality Reduction and Feature Selection
- Binary and Multi-class Classification
- Ensemble Learning and Mulilabel Classification
- Neural Network
- Natural Language Processing
- AI in Speech Recognition
- AI in Computer Vision
- AI in Social Network Analysis
- AI in Chemical-Disease Relation Extraction
- Data Mining and its Applications

Internal students were trained.



