



S.D. COLLEGE OF SCIENCES

A four-days workshop on

Advanced Molecular Spectrophotometry and Chemometric Data Analysis in Biomedical Research

Bridging Quantitative Spectrophotometry with Computational Modelling and Drug Discovery

Ganiyavali Rd, Atrauli, Uttar Pradesh 202280

Workshop Overview

This advanced four-day hands-on workshop integrates molecular spectrophotometry, enzyme kinetics, and computational modelling.

Featuring 8+ hours of practical sessions using UV-Vis spectrophotometers and SigmaPlot/OriginPro software, it is designed to enhance analytical capabilities in biomedical and pharmaceutical research.



January 15 – 18, 2026

Participants

A total of 30 candidates will be shortlisted for the workshop

- *Day 1: Advanced Spectral Analysis, Calibration, and Protein/Nucleic Acid Quantification.*
- *Day 2: Chemometric Tools, PCA, Regression Modeling, and SigmaPlot Proficiency.*
- *Day 3: Kinetic Modelling, Enzyme Mechanism Studies, and Drug-Protein Interactions.*
- *Day 4: Translational Applications, QSAR Modelling, and AI-assisted Data Interpretation.*

How to Apply

To apply, briefly describe your academic/research background, your interest in this workshop and email to: drpankajsvrisvata1971@gmail.com.

Selected candidates will be informed via email only.