



**NIGERIAN INSTITUTE OF
SCIENCE LABORATORY TECHNOLOGY**
2025 NISLT SHORT TERM TRAINING WORKSHOP PROGRAMMES



DATE RESCHEDULED

4. WORKSHOP ON PROXIMATE ANALYSIS TECHNIQUES FOR DETERMINING NUTRITIONAL COMPOSITION

FOR: Instrumentation Technologists, scientists, supervisors, laboratory managers and those involved in the use and maintenance of laboratory equipment.

OBJECTIVES: The objective of the workshop is to expose Scientists/Technologists to hands-on techniques and skills in determining the values of macronutrients in food samples and Agro-allied Product.

COURSE CONTENT:

- The Role of NISLT in Sample Testing, Analysis and Quality Control.
- Introduction to Proximate Analysis: Principles and Applications
- Moisture Content Determination Methods in Food Samples
- Quantitative Analysis of Ash Content in Food Products
- Techniques for Measuring Crude Protein Content
- Analysis of Crude Fat Content Using Soxhlet Extraction
- Determination of Crude Fiber in Agricultural and Food Products
- Carbohydrate Analysis through Difference Method and Advanced Techniques
- Ensuring Accuracy and Precision in Proximate Analysis Measurements
- Interpreting Nutritional Data for Food Labeling and Quality Control
- Application of Proximate Analysis in Food Safety and Product Development

DURATION: 7 days

DATE: 16th – 20th June 2025

ARRIVAL: 15th June 2025

DEPARTURE: 21st June 2025

FEE: N80,000.00 (Payment to United Bank for Africa (UBA)
(ASLTON NISLT BRANCH 1020755954)

VENUE: Nigerian Institute of Science Laboratory Technology,
Educational Zone, Samonda, Ibadan, Oyo State.

REQUIREMENT: Participants are advised to come with their Laboratory Coats.
Educational Zone, Samonda, Ibadan, Oyo State.