



## **2. ACCREDITATION PROCEDURE, LABORATORY QUALITY CONTROL & QUALITY MANAGEMENT SYSTEM**

**FOR:** Laboratory Managers, Quality Assurance Officers, Laboratory Scientists and Technologists, Laboratory Assessors in food, Environmental, Electronic, Chemical, Pharmaceutical, Institutional and Industrial Laboratories.

**OBJECTIVE:** To Acquaint the Participants on Laboratory Quality Management System, NISLT and Accreditation Procedures for Institutions Offering Science Laboratory Technology (SLT)

### **COURSE CONTENT:**

- The Role of NISLT in Quality Assurance and Accreditation
- Strengthening Laboratory Management Towards Accreditation
- Concept of a Quality Management System and its importance in laboratory operations.
- ISO 17025 Laboratory Management Requirements and its requirements for quality management.
- Establishing and maintaining procedures for document control, including document approval and version control.
- Laboratory Internal Audits/Quality control, including the use of control samples and monitoring of test accuracy.
- External quality assessment schemes to compare laboratory performance with other accredited laboratories.
- Procedures for calibrating and maintaining laboratory equipment to ensure accurate results.
- Identifying, assessing, and mitigating risks in laboratory processes that could impact the quality of results.
- Factors Responsible for Successful Accreditation: Establishing a system for addressing non-conformities and implementing corrective and preventive actions.
- Accreditation bodies responsible for certifying laboratories/Academics programmes and their specific requirements.
  - SLT NBTE/NUC Accreditation Procedures
  - Benchmark Minimum Academic Standard, Self-Study forms and Equipment Requirements
  - NISLT Accreditation Procedures
- Promoting a culture of continuous improvement by regularly reviewing and improving laboratory processes and procedures.

**DURATION:** 7 days

**Date:** 13th – 17th May 2024

**Arrival:** 12th May 2024

**Departure:** 18th May 2024

**FEE:** ₦70,000.00

**(United Bank for Africa (UBA) ASLTON NISLT BRANCH 1020755954)**

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

**REQUIREMENT:** Participants are advised to come with their Laboratory Coats.