



#### **4. ADVANCED TRAINING WORKSHOP ON EQUIPMENT MAINTENANCE, REPAIRS CALIBRATION, TESTING AND APPLICATION**

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

**OBJECTIVES:** The objective of the workshop to Acquaint the Participants to approach of Equipment Ordering, installation, Commission and Management.

#### **COURSE CONTENT:**

- The Role of NISLT in Equipment Ordering, Fabrication and Maintenance
- Understanding Basic Applied Electricity and Electronics
- Understanding the principles of equipment maintenance and the importance of regular maintenance routines.
- Developing skills in diagnosing and troubleshooting equipment issues to identify problems and their root causes.
- Creating and implementing a preventive maintenance schedule to reduce downtime and extend the lifespan of equipment.
- Learning the procedures for equipment calibration to ensure accuracy and reliability in measurements.
- Techniques for repairing and servicing equipment, including routine servicing and major repairs.
- Strategies for managing spare parts, inventory, and procurement to ensure quick repairs and reduce downtime.
- Understanding the protocols and standards for testing equipment to ensure it meets required specifications.
- Tailoring the workshop to focus on specific equipment types or applications relevant to the participants' needs.
- Ensuring that equipment maintenance and calibration adhere to relevant industry and regulatory standards.
- Managing equipment-related data, including maintenance records, calibration certificates, and testing results.
- Practical, hands-on training sessions to apply maintenance, calibration, and testing techniques to real equipment

**DURATION:** 7 days  
**Date:** 22nd – 26th July 2024  
**Arrival:** 21st July 2024  
**Departure:** 27th July 2024  
**FEE:** ₦80,000.00

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

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