2016 SHORT TERM TRAINING PROGRAMMES

(A statutory Professional Body of Laboratory Technologists/Scientists Chartered by Act No. 12 of 2003 of the National Assembly)
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BRIEF ON THE INSTITUTE

The Nigerian Institute of Science Laboratory Technology (NISLT) was established by Act 12 of 2003 of the National Assembly and made a parastatal of the Federal Ministry of Science and Technology. The Institute was hitherto known as the Nigerian Institute of Science Technology (NIST) founded in 1971 saddled with responsibility of “advancing science laboratory technology profession and ensure through its registered members effective and efficient management and administration of science laboratories in Nigeria”.

Over the years, the Institute has put in place human resources and infrastructure to enable it fulfil its mandate through the establishment of Multipurpose Science Laboratory at its national Secretariat, Ibadan, Oyo State, equipped with modern and computerized science equipment for the conduct of training, routine laboratory services and research using new technologies.

Participants for the training workshops will have the opportunity to use these equipment and thus acquire relevant knowledge and skills in their applications to enhance their performances at work.

Resource persons for the workshops are experienced scientists and technologists drawn from Universities, Research Institutes and the Private Sector.

TRAINING METHODOLOGY

The workshops will be conducted through combination of lectures, discussions, case studies, simulation exercises, multimedia presentations and practical exercises.

In view of the above we are pleased to announce the under listed workshops and training programmes scheduled for the year 2016.
1. TOPIC: REFRESHER COURSE IN ESSENTIAL LABORATORY SERVICES

FOR: Laboratory Manager, Scientists, Technologists, Technicians, Research Officers, Scientific Officers, Project Managers and Students in Tertiary Institutions, Research Institutes, Government Agencies, Industries, NGOs etc.

OBJECTIVES: The overall objective is to expose the participants to practical refresher training on essential laboratory procedures and management practices. The specific objectives are to:

- Expose participants to ISO-17025 requirement for testing and calibration laboratories
- Perform essential laboratory tests to a high standard, incorporating appropriate quality control procedures;
- Perform basic maintenance procedures on laboratory equipment;
- Conduct laboratory management activities;
- Develop an approach to laboratory quality management;
- Expose participants on quality manual development

COURSE CONTENT

The contents of the course are:

- Concepts on Laboratory Accreditation and Principles of Laboratory Quality Management System in line with ISO-17025 requirement
- Setting up the laboratory (design and utilities)
- Basic laws affecting laboratory practice in Nigeria
- Laboratory ethics
- Laboratory records and documents
- Preventive care and maintenance procedures for laboratory equipment
- Systematic approach to laboratory investigations and the role of the laboratory in Industry
- Interpretation and significance of laboratory tests
- Laboratory bio-safety and bio-security
- Laboratory mathematics

DURATION: 7 days
DATE: 28th February - 5th March, 2016
ARRIVAL: 28th February, 2016
DEPARTURE: 5th March, 2016
FEE: ₦50,000.00
VENUE: Headquarters of the Nigerian Institute of Science Laboratory Technology, Samonda, Ibadan, Oyo State.

REQUIREMENT: Participants are required to come with their Lab Coats
2. TOPIC: LABORATORY LOGISTICS, COMMODITY AND SUPPLY MANAGEMENT TRAINING

FOR: Laboratory Manager, Scientists, Technologists, Research Officers, Scientific Officers, Project Managers in Tertiary Institutions, Research Institutes, Government Agencies, Industries, Supply Chain Managers, Procurement Officers, Store Managers, Store Officers, Technicians and other administrators who are involved in the day to day management of laboratory commodities and supplies.

OBJECTIVE: The main objective of this course is to provide participants with the competencies they need to maintain in an efficient and effective commodity supply systems, purchasing services and supply as well as good laboratory management system.

COURSE CONTENT

- Introduction to Supply Chain Management and Logistics
- Policies, laws and regulations in Supply Management
- Procurement Management (Review of Tenders, Requests, and Contracts)
- Distribution, stock assessment and control
- Inventory management
- Roles of Technologists/Scientists in equipment specification and selection
- Roles and responsibilities of logistics personnel
- Quality Assurance and control
- Logistics Management Information Systems
- Monitoring, evaluation and supervision
- Subcontracting of tests

DURATION: 7days
DATE: 13\textsuperscript{th} - 19\textsuperscript{th} March, 2016
ARRIVAL: 13\textsuperscript{th} March, 2016
DEPARTURE: 19\textsuperscript{th} March, 2016
FEE: ₦50,000.00
VENUE: Headquarters of the Nigerian Institute of Science Laboratory Technology, Samonda, Ibadan, Oyo State.

REQUIREMENT: Participants are required to come with their laptops
3. TOPIC: TRAINING ON LABORATORY REAGENTS & CONSUMABLE HANDLING AND SAFETY

FOR: Laboratory Manager, Scientists, Technologists, Research Officers, Scientific Officers, Project Managers, Students in Tertiary Institutions, Research Institutes and other Employers and Employees with responsibilities for managing the safe use of chemicals etc.

OBJECTIVE
The objective of the course is to prepare the participants with the skills and knowledge necessary to assess the hazards, and to be able to identify the risks associated with laboratory hazards and their controls as well as exposing them to all kinds of safety devices.

COURSE CONTENT
This course will cover the following areas
- Standard Laboratory Design
- The hazards of chemicals in the work place
- Information on hazard classes and exposure limits.
- Use of Material Safety Data Sheets (MSDSs)
- Signs and symptoms of chemical exposure
- Methods and observations to detect the presence or release of hazardous materials
- Measures to protect against these hazards, including appropriate work practices, emergency procedures, and personal protective equipment.
- Identification of Labels and Signs in the laboratories
- Hazardous material storage
- General safety procedures in the laboratory
- Hazard communication strategies

DURATION: 7days
DATE: 3rd – 9th April, 2016
ARRIVAL: 3rd April, 2016
DEPARTURE: 9th April, 2016
FEE: ₦60,000.00
VENUE: Headquarters of the Nigerian Institute of Science Laboratory Technology, Samonda, Ibadan, Oyo State.
FOR: Scientists, Technologists, Research Officers, Scientific Officers, Project Managers and Students in Tertiary Institutions, Research Institutes, Government Agencies, Industries, NGOs etc.

OBJECTIVES: The objectives of this workshop are to broaden the participants’ understanding and appreciation of data management, data transformation and exposing them to various and current statistical methods and tools for Interpretation & representation of data using Matlab, SPSS, R-system and Epi info Analytical packages. It will also expose the participants to various requirements for designing Laboratory Information Management System.

COURSE CONTENT
The course will cover the following topics:
- Introduction data management
- Overview of Matlab, SPSS, Epi info and R-system
- Data input
- Output to Matlab, Epi info, R system, SPSS and to Ms-Word
- Data Manipulation
- Sorting and selecting of cases
- Data transformation and sampling
- Scatter plots and other graphs
- Frequency tables
- Cross tabs & Contingency tables
- Simple linear Regression Analysis
- Covariance Analysis
- Matlab, Epi info, R-system and SPSS as a database
- Interpretation & representation of Matlab, SPSS, R system and Epi info Analysis
- Testing of hypothesis
- Measures of central tendency
- Measures of dispersion
- Biosecurity of laboratory data

DURATION: 7days
DATE: 17th - 23rd April, 2016
ARRIVAL: 17th April, 2016
DEPARTURE: 23rd April, 2016
FEE: ₦70,000.00
VENUE: Headquarters of the Nigerian Institute of Science Laboratory Technology, Samonda, Ibadan, Oyo State.

REQUIREMENT: Participants are required to come with their laptops
5. **TOPIC: QUALITATIVE RESEARCH METHODS AND SCIENTIFIC RESEARCH PAPER WRITING WORKSHOP**

**FOR:** Scientists, Technologists, Research Officers, Scientific Officers, Project Managers and Students in Tertiary Institutions, Research Institutes, Government Agencies, Industries, NGOs etc.

**OBJECTIVES:** The objectives of this workshop are to broaden the participants’ understanding and appreciation of qualitative research approach as well as exposing the participants to methods and tools of conducting qualitative research through the design, data collection, data management, analysis and report stages of the research process.

**COURSE CONTENT:**
- Theoretical approaches to scientific research
- Methods of writing research proposals
- Study, designs and qualitative tools for scientific research
- Methods of data collection and management
- Methods of reporting scientific research and methods of publications
- Analysis of research data using basic computer applications, use of ICT tools for research development
- Ethics of research
- Use of library resources

**DURATION:** 7days
**DATE:** 8th – 14th May, 2016
**ARRIVAL:** 8th May, 2016
**DEPARTURE:** 14th May, 2016
**FEE:** ₦70,000.00
**VENUE:** Headquarters of the Nigerian Institute of Science Laboratory Technology, Samonda, Ibadan, Oyo State.

**REQUIREMENT:** Participants are required to come with their laptops

**NOTE:** Participation in the training workshop on scientific research methods, qualitative research, data management and reporting is a **pre-requisite for the award of FELLOW** of the Nigerian Institute of Science Laboratory Technology. Subsequently, all applications for upgrading to Fellow of the Institute should be accompanied with a certificate of attendance of the Training workshop on scientific research methods, qualitative research and data management.
FOR: Assistant Technologists, Laboratory Assistants/Attendants, Assistant Technicians and other Junior/Middle level laboratory Personnel in Tertiary Institutions, Secondary Schools, Research Institutes, Industries and Private Organizations.

OBJECTIVE: The main objective of this workshop is to expose Junior and Middle level laboratory Personnel to the latest practices and measures required in a modern teaching, research or analytical laboratory/instrument workshop.

COURSE CONTENT:
- Good Laboratory Practice
- Basic laboratory ethics
- Use of basic laboratory equipment, tools and reagents
- Use and maintenance of laboratory glass wares
- Principle of hand hygiene
- Washing of hands in Biological and Chemical laboratories
- Method and Procedures for presentation of laboratory results and reports
- Safety in laboratories and workshops
- Basic laboratory instrument maintenance techniques
- Application of basic techniques and instrumentation in physical, chemical and biological laboratories

DURATION: 7days
DATE: 22nd – 28th May, 2016
ARRIVAL: 22nd May, 2016
DEPARTURE: 28th May, 2016
FEE: ₦40,000.00
VENUE: Headquarters of the Nigerian Institute of Science Laboratory Technology, Samonda, Ibadan, Oyo State.

REQUIREMENT: Participants are required to come with their laboratory coats
7. **TOPIC: LABORATORY-BASED DISEASE SURVEILLANCE TRAINING**

**FOR:** Scientists, Technologists, Research Officers, Scientific Officers, Disease Surveillance and Notification Officers, Environmental Health Officers, Project Managers and Students in Tertiary Institutions/relevant MDAs, Research Institutes, Government Agencies, Industries, NGOs etc.

**OBJECTIVES:** To equip laboratory staff with knowledge, skills and attitudes to enable them to understand the IDSR strategy and create awareness of the contribution of IDSR to the requirements of the International Health Regulations (IHR), understand the role of the laboratory in surveillance of IDSR priority diseases, perform essential laboratory tests to support the identification of causative agents of disease outbreaks, utilize SOPs for specimen collection, processing, storage and transport to reference laboratories and manage laboratory data effectively among others.

**COURSE CONTENT**

- Introduction to IDSR/IHR (2005)
- Identifying cases
- Laboratory methods in the field for priority diseases
- Recording and reporting of laboratory results
- Data management and analysis
- Principles of outbreak management
- Communication and feedback
- An introduction to collecting, transporting and processing water and food samples
- Systematic approach to specimen management

**DURATION:** 7days

**DATE:** 5th – 11th June, 2016

**ARRIVAL:** 5th June, 2016

**DEPARTURE:** 11th June, 2016

**FEE:** ₦60, 000.00

**VENUE:** Headquarters of the Nigerian Institute of Science Laboratory Technology, Samonda, Ibadan, Oyo State.

**REQUIREMENT:** Participants are required to come with their laptops and Lab coats
8. **TOPIC: HANDS-ON LABORATORY WORKSHOP ON SEQUENCE- BASED BACTERIAL IDENTIFICATION**

**FOR:** Technologists, Scientists, Laboratory Supervisors, Laboratory Managers, public health laboratory workers, Microbiologists and Biological Scientists.

**OBJECTIVES:** To expose the participants to
- This in-depth workshop is intended to build capacity for bacterial identification by sequencing
- Define the processes and methods involved for sequencing of bacteria
- Formulate and implement DNA sequencing reactions from bacterial cultures in the laboratory.
- Gather, evaluate, and examine DNA sequence results.

**TRAINING CONTENTS**
- Didactic lectures on bacterial culture and identification procedures and
- Hands-on laboratory exercises and procedures from pathogen isolate to final identification/classification.
- Introduction to molecular biology and its application
- Hands on PCR - Principle and usage

**DURATION:** 7 days

**DATE:** 19th – 25th June, 2016

**ARRIVAL:** 19th June, 2016

**DEPARTURE:** 25th June, 2016

**FEE:** ₦70,000.00

**VENUE:** Headquarters of the Nigerian Institute of Science Laboratory Technology, Samonda, Ibadan

**REQUIREMENT:** Participants are advised to come with their Laboratory Coats
FOR: Technologists, Scientists, Supervisors, Laboratory Managers and those involved in the use and maintenance of Laboratory Equipment.

OBJECTIVE:-
This workshop is designed to train Technologists/Scientists and other users of science equipment on basic equipment maintenance, adaptation techniques, managerial skills, preventive maintenance, troubleshooting, selection and procurement of appropriate spare parts, professional and technical skills of handling equipment, hazards associated with laboratory equipment and preventive measures.

COURSE CONTENT
- Basic electronics and electricity
- Instrumentation of selected laboratory equipment
- Equipment specification, acquisition and environment
- Equipment qualification
- Basic steps in calibration & validation of laboratory equipment
- Basic use of ICT tools in equipment interface.
- Principle of equipment maintenance including Laboratory management
- Routine and preventive maintenance/logical troubleshooting of selected laboratory equipment.

DURATION: 7days
DATE: 10th – 16th July, 2016
ARRIVAL: 10th July, 2016
DEPARTURE: 16th July, 2016
FEE: ₦80,000.00
VENUE: Headquarters of the Nigerian Institute of Science Laboratory Technology, Samonda, Ibadan

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

NOTE: Tool kits will be provided free during the training.
10. TOPIC: WORKSHOP ON LABORATORY METHODS OF ENVIRONMENTAL SAMPLING, ANALYSIS AND POLLUTION CONTROL

FOR: Scientists, Technologists, Quality Control Managers, Environmental Health Officers of food and water processing industries, Federal and State Ministries of Environment, State Environmental Protection Agencies, Private Industries, Researchers in Tertiary and Research Institutes, NGOs and other interested members of the public.

OBJECTIVES: This workshop is designed to expose the participants to Omic technologies and train them on the various established protocols on sampling, sample preparation and clean-ups, quality assurance and control and instrumental analysis for trace organic pollutants. It provides an opportunity to officials involved in environmental analysis in organizations to share experiences, harmonize methodologies of sampling and analysis of environmental pollutants.

COURSE CONTENT
- Sampling Techniques for volatile and semi volatile organic pollutants in soil sediments & water samples.
- Environmental audit, impact assessment and management.
- Soluble Organic Matter (SOM) determination
- Metabolomics (aimed at comparing the relative differences between biological samples based on their metabolite profiles) assessment of organic Plants and Animals for Environmental Impact assessment
- Use of Hi-Tech equipment for Environmental Analysis
- Air Pollution sampling and analysis
- Organic Contaminants and their effects.
- Identification of air/water toxics for monitoring and management.
- Bioremediation procedures
- Instrumental analysis for trace organic matters
- Instrument detection limits and Method Qualification limits
- Different procedures of Sample preparation, clean-up methods and chromatographic separation
- Determination of Total Suspended Solids (TSS), Total Organic Carbon (TOC)/ Total Nitrogen and Total Extractable Organics/Percent Lipids by Gravimetric Analysis
- Quality assurance and quality control for trace organic analysis

DURATION: 7 days
DATE: 24th - 30th July, 2016
ARRIVAL: 24th July, 2016
DEPARTURE: 30th July, 2016
FEE: ₦70,000.00
VENUE: Headquarters of the Nigerian Institute of Science Laboratory Technology, Samonda, Ibadan, Oyo State.

REQUIREMENT: Participants are advised to come with their Laboratory Coats and laptops.
11. TOPIC: INSTRUMENTATION, APPLICATION, USE AND MAINTENANCE OF HIGH PERFORMANCE LIQUID CHROMATOGRAPH (HPLC)

FOR: Laboratory Manager, Scientists, Technologists, Chemical Analysts, Quality Control Managers in Tertiary Institutions, Research Institutes, Industries and Private Organizations.

OBJECTIVES: The objectives of this workshop is to expose the participants to method development on HPLC coupling with other techniques (Ion Mobility Spectrophotometer and Mass Spectrophotometer) and to acquaint them with the latest techniques of installation, analytical techniques, operations, applications and effective routine maintenance/logical trouble shooting.

COURSE CONTENT
- General Introduction to Chromatography
- Liquid Chromatography Evolution
- Standards preparation for HPLC
- Installation methods for HPLC
- Use of HPLC coupled equipment for Environmental Impact assessment
- High Performance Liquid Chromatography Method Validation and Technology Transfer
- Method revalidation
- Toxin application of toxins
- High Performance Liquid Chromatography – Methods, Benefits and Applications
- Trouble shooting and maintenance HPLC
- Application of HPLC
- Different Methods of preparing samples for HPLC
- How to Develop HPLC Methods for Challenging Separations
- HPLC Uses and Importance in the Pharmaceutical Analysis and Industrial Field
- Different methods of clean – up for HPLC

DURATION: 7 days
DATE: 7th – 13th August, 2016
ARRIVAL: 7th August, 2016
DEPARTURE: 13th August, 2016
FEE ₦80,000.00
VENUE: Headquarters of the Nigerian Institute of Science Laboratory Technology, Samonda, Ibadan

REQUIREMENT: Participants are advised to come with their Laboratory Coats and laptops.
FOR: Laboratory Technologists/Scientists, Instrumentation Technologists, Equipment Engineers, Technicians, Laboratory Equipment Suppliers and Technologists in the field of Physics/Electronics, Engineering Production and other users of laboratory equipment.

OBJECTIVE: The training workshop is designed to expose participants to the techniques of maintenance and repair of laboratory equipment involving the use of sophisticated fault detection and diagnostic methods. This is a hands-on practical training for instrument technologists. Participants will be exposed to maintenance skills required to keep the equipment functional. The participants shall be exposed to preventive maintenance, troubleshooting, repairs, selection and procurement of appropriate spare parts, professional and technical skills of handling equipment and safety techniques in equipment maintenance.

COURSE CONTENT:
- Basic electronics and electricity
- Analysis of circuit diagrams
- Fault diagnostic methods and techniques i.e. use of modern gadget for board diagnosis
- Concept and Application Service Manuals
- Use of test equipment
- Installation procedures of laboratory equipment
- Routine maintenance procedures of laboratory equipment
- Equipment maintenance protocols and Equipment qualification
- Basic use of ICT tools in interface with laboratory equipment
- Routine and preventive maintenance, logical troubleshooting and repairs of selected laboratory equipment

DURATION: 7days
ARRIVAL: 21st August, 2016
DEPARTURE: 27th August, 2016
FEE: ₦80,000.00
VENUE: Headquarters of the Nigerian Institute of Science Laboratory Technology, Samonda, Ibadan, Oyo State.

REQUIREMENTS: Working tools and Laboratory coats/work overall.

NOTE: Tool kits will be provided free during the training.
FOR: Scientists, Technologists, Chemical Analysts, Quality Control Managers in Tertiary Institutions, Research Institutes, and the industrial sector.

OBJECTIVE:-
This workshop is designed to expose and impact practical knowledge to participants on recent state of analytical techniques in AAS, & UV Visible Spectrophotometer, learn the practical operational use of the equipment, care, trouble shooting and maintenance.

COURSE CONTENT
- Basic and advanced concept of Atomic Absorption Spectrophotometer, and UV-Visible Spectrophotometer
- Biological application of UV
- Components of AAS and UV-Visible Spectrophotometer
- Principles and operation of AAS and UV/Visible spectrophotometer.
- Validation and Data Interpretation
- Applications of Atomic Absorption Spectrophotometer, and UV/Visible spectrophotometer.
- Trouble shooting and maintenance of AAS and UV/Visible Spectrophotometer.
- Installation methods for AAS etc.
- Operational techniques for AAS, etc.

DURATION: 7days
DATE: 4th – 10th September, 2016
ARRIVAL: 4th September, 2016
DEPARTURE: 10th September, 2016
FEE: ₦70,000.00
VENUE: Headquarters of the Nigerian Institute of Science Laboratory Technology, Samonda, Ibadan

REQUIREMENT: Participants are advised to come with their Laboratory Coats and laptops.
FOR: Scientists, Technologists, Research Officers, Scientific Officers, Project Managers and Students in Tertiary Institutions, Research Institutes, Government Agencies, Industries, NGOs etc.

OBJECTIVE: The purpose of this workshop is to provide basic chemical and food microbiology training to those individuals working in testing laboratories and individual that is involved in chemical and food microbiological testing.

COURSE CONTENT
This will allow attendees to understand and conduct basic chemical and microbiological tests on food, including meats, processed food, raw commodities, and ingredients under these thematic areas.

- ISO standards for food exportation
- Microbial ecology and control of growth
- Pathogens – Gram-negative and positive
- Rapid Pathogen Detection Equipment Demonstrations
- Spoilage and indicator organisms
- Probiotics and lactic acid bacteria
- Proximate analysis of foods and food products
- Toxin estimation in food samples
- Basic and advanced microbiological/molecular techniques for isolating, quantifying, and detecting microorganisms
- Microbial limits – what are they and what do they mean?
- Adulteration tests
- Physical and Chemical analysis of food samples/constituents
- Heavy metal estimation based on WHO requirements
- Hands – On Laboratory Sessions

DURATION: 7days
DATE: 18\textsuperscript{th} – 24\textsuperscript{th} September, 2016
ARRIVAL: 18\textsuperscript{th} September, 2016
DEPARTURE: 24\textsuperscript{th} September, 2016
FEE: ₦60,000.00
VENUE: Headquarters of the Nigerian Institute of Science Laboratory Technology, Samonda, Ibadan, Oyo State.
15. TOPIC: EFFECTIVE LABORATORY MANAGEMENT AND BIO-RISK ENGAGEMENT PROGRAMMES

For: Laboratory Managers, Quality Assurance Officers, Laboratory Scientists and Technologists, Laboratory Assessors in food, environmental, electronic, chemical, pharmaceutical, institutional and industrial laboratories.

OBJECTIVES: The training workshop is designed to train Laboratory Personnel and Laboratory Assessors on how to install, maintain and improve laboratory quality systems that meet the requirements of ISO/IEC17025 and other standards. The course also gives essential knowledge required for Laboratory Quality Managers to prepare laboratories for accreditation and audit as well as improving their skills on biorisk engagement procedures in the laboratories.

COURSE CONTENT:
- Principles and requirements for laboratory management and policies
- Effective leadership and personnel management principles
- ISO-17025 Management requirements
- International standards for Good Laboratory Practice (GLP) and its application
- Laboratory Information Management Systems (LIMS)
- Equipment maintenance, planning and implementation
- Laboratory stores and supplies management system
- Laboratory infrastructure and work place design
- General Biosafety Overview
- Risk Assessment for Biosafety
- The 14 Core Biosafety Elements
- Dealing with hazards in the labs
- Proper Use and Maintenance of Biological Safety Cabinets
- Donning and Doffing Personal Protective Equipment
- Waste and radiation Management

DURATION: 7 days
DATE: 9th - 15th October, 2016
ARRIVAL: 9th October, 2016
DEPARTURE: 15th October, 2016
FEE: ₦60,000.00
VENUE: Headquarters of the Nigerian Institute of Science Laboratory Technology, Samonda, Ibadan, Oyo State.

Requirement: Participants are advised to come with their Laboratory Coats.
GENERAL INFORMATION

1. VENUE

Most of the courses will be held at the NISLT Secretariat, Samonda, Ibadan, except otherwise indicated specifically in some Institutions/Organizations which are in collaboration with the Institute in organizing the courses. In-house training of staff can be arranged for Institutions/Organizations on request. Interested Institutions/Organizations should contact the Registrar/CEO for further information.

2. ACCOMODATION

Participants will be responsible for their accommodation during the workshops. However, there are suitable hotels and guest houses with facilities which are affordable around the Institute. Arrangements for accommodation can be made on request to the Institute.

3. APPLICATIONS

Interested candidates, Institutions and Organizations should apply formally indicating their courses of interest to reach the Institute at least two weeks before the commencement date. Late applications or arrival for the respective workshops may not be entertained. Participants who wish to make payments in advance can pay online into the TSA named Nigeria Institute of Science Laboratory Technology in any of the commercial banks and present the teller during registration.

4. REQUIREMENTS

Since some of the training workshops involve laboratory sessions, participants are mandated to come with LABORATORY COATS in compliance with Laboratory Safety Regulations. 

FOR APPLICATIONS, COMPLETE THE ATTACHED FORM AND FORWARD IT TO:

The Registrar/CEO
NIGERIAN INSTITUTE OF SCIENCE LABORATORY TECHNOLOGY
P.O.BOX 9764, U.I .POST OFFICE
SAMONDA, IBADAN, OYO STATE
TEL: 08062117814, 08030787747
THE NIGERIAN INSTITUTE OF SCIENCE LABORATORY TECHNOLOGY (NISLT)
CORPORATE NOMINATION FORM FOR 2016 SHORT-TERM TRAINING
PROGRAMME

Name of Organization: .................................................................
Address ......................................................................................
..............................................................................................
Telephone No ..............................................................................
Course/Workshop applied for .....................................................
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<th>Names of Nominees</th>
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Amount Enclosed ........................................................................
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Name and Signature of Nominating Officer .................................
..............................................................................................
I hereby apply to participate in the following course(s) of the Institute as advertised:

(a) ............................................... Date ............
(b) ............................................... Date ............
(c) ............................................... Date ............

PARTICULARS OF APPLICANT:

NAME ........................................................................................................
SEX ............ MARITAL STATUS ................................................

ADDRESS & TELEPHONE NUMBER

(a) Residential: ..................................................... Tel: ...............
(b) Postal: .................................................................
(c) Office ............................................................ Tel: ...............
(d) Home Town: ........................................ Tel: ...............

ACADEMIC & PROFESSIONAL QUALIFICATIONS WITH DATES:
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........................................................................................................

Do you want the Institute to book accommodation for you? ..............
If yes? Indicate below:
Ranges of hotel you want .................................................................
The amount in bank draft that you are sending down as deposit
The course fees paid with receipt/bank teller: N........................................

I hereby pledge to abide by all the rules and regulations governing the courses, which I have applied for.

________________________

Signature of Applicant
### LIST OF AFFORDABLE HOTELS FOR WORKSHOP PARTICIPANTS AROUND NISLT HEADQUARTERS, SAMONDA, IBADAN

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<th>SN</th>
<th>HOTEL</th>
<th>ROOMS</th>
<th>CONTACT</th>
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<tr>
<td>1</td>
<td>Ayotoz Hotel</td>
<td>Single Room (with AC) - ₦2,500</td>
<td>08076509468</td>
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<td>Double Room (with AC) - ₦3,500</td>
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<td>Traveller’s Mission</td>
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<td>Double Room (with AC) - ₦3,000</td>
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<td>3</td>
<td>De-Legacy Hotels</td>
<td>Queen Double (with AC) - ₦3,500</td>
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<td>Standard Ensuite (with AC) - ₦5,500</td>
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<td>Single Room (with Fan) - ₦3,300</td>
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<td>Emmanuel Alayande Resource</td>
<td>Standard Room (with AC) - ₦4,500</td>
<td>08034731806</td>
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<td>Centre</td>
<td>Single Room (with AC) - ₦4,000</td>
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<td>Samonda, Ibadan.</td>
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<td>5</td>
<td>Kris Court</td>
<td>Standard 3500</td>
<td>08105394958</td>
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<td>Deluxe 4000</td>
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<td>Single suite 5000</td>
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<td></td>
<td></td>
<td>Double suite 5000</td>
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<td>6</td>
<td>Institute of Church And</td>
<td>Double Room (with AC) - ₦3,000</td>
<td>08037282947</td>
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<td>Society, Adjacent the Institute Samonda, Ibadan.</td>
<td>Single Room (with Fan) - ₦2,000</td>
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</table>
### Summary of the 2016 short term training

<table>
<thead>
<tr>
<th>SN</th>
<th>Courses</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Refresher course in essential laboratory services</td>
<td>28 Feb-5th March</td>
</tr>
<tr>
<td>2.</td>
<td>Laboratory logistics, commodity and supply management training</td>
<td>13th - 19th</td>
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<tr>
<td>3.</td>
<td>Training on Laboratory Chemical handling and laboratory safety</td>
<td>3rd - 9th</td>
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<td>4.</td>
<td>Training laboratory data management and reporting using EPI info, R-system and SPSS</td>
<td>17th - 23rd</td>
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<td>5.</td>
<td>Qualitative Research Methods And Scientific Research Paper Writing Workshop</td>
<td>8th - 14th</td>
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<tr>
<td>6.</td>
<td>Basic laboratory techniques, instrumentation, methods and safety for laboratory assistants and attendants.</td>
<td>22nd - 28th</td>
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<td>7.</td>
<td>Laboratory-based disease surveillance training</td>
<td>5th - 11th</td>
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<td>8.</td>
<td>Hands-on laboratory workshop on sequence based bacterial identification</td>
<td>19th - 25th</td>
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<td>9.</td>
<td>Training on science equipment maintenance and management</td>
<td>10th - 16th</td>
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<td>10.</td>
<td>Workshop on laboratory methods of environmental sampling, analysis and pollution, control</td>
<td>24th - 30th</td>
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<td>11.</td>
<td>Instrumentation, application, use and maintenance of high Performance Liquid Chromatography (HPLC)</td>
<td>7th - 13th</td>
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<td>Specialized training workshop on equipment maintenance, repairs, and testing (final chance)</td>
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<tr>
<td>13.</td>
<td>Instrumentation, application, use and maintenance of Atomic Absorption Spectrophotometer (AAS) and ultra-violet/visible spectrophotometer</td>
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<td>Laboratory training on chemical and microbiological analysis of food</td>
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<td>15.</td>
<td>Effective laboratory management and Bio risk engagement programmes</td>
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