



2026 INDUSTRIAL, TECHNICAL AND OPERATIONAL TRAININGS FOR ENGINEERS, TECHNOLOGIST, TECHNICIANS AND CRAFTSMEN

Dear Esteemed Professional,

We are thrilled to extend an exclusive invitation to you for participation in our groundbreaking series of workshops and training programs scheduled throughout 2026. Organised by the prestigious partnership between the **Nigerian Society of Engineers (NSE)** and **Citadel for Technological & Engineering Development (CITED)**, these events are meticulously designed to meet the evolving needs of engineers, technologists, technicians, and craftsmen in Nigeria's dynamic industrial landscape.

Our comprehensive curriculum has been updated to reflect the latest advancements and challenges faced in Nigeria's technical environment. The 2026 program features a diverse array of courses, ranging from cutting-edge technologies to innovative management strategies, all aimed at equipping professionals with the skills and knowledge necessary to thrive in today's competitive market.

The sessions will be conducted weekly from January to December 2026, following a convenient schedule of Tuesday to Thursday trainings, providing a unique platform for networking, idea exchange, and skill enhancement.

Key Features of the 2026 Program:

- **Updated Curriculum:** Courses have been carefully curated to address current industrial challenges in Nigeria, with outdated topics removed and new, relevant courses introduced.
- **Flexible Learning Options:** Participants can choose between Virtual Learning (N250,000 per participant) and In-Class Learning (N300,000 per participant).
- **Customised Training:** We offer bespoke in-house training programs tailored to your organisation's unique requirements, ensuring maximum relevance and convenience.

WEEK	DATES (TUE - THU)	COURSE TITLE 1	COURSE TITLE 2
1	06th - 08th January	Pavement Design and Construction for Industrial Facilities	Diesel Generator Installation, Operation and Maintenance
2	13th - 15th January	Root Cause Analysis and Problem Solving in Industrial Maintenance	Renewable Energy Integration in Electrical Grids
3	20th - 22nd January	Lubrication Management and Tribology in Industrial Systems	Smart Grid Technologies and Implementation
4	27th - 29th January	Managing Technical Procurement and Vendor Relationships	Crane and Lifting Equipment Safety and Operations
5	03rd - 05th February	Hydraulic and Pneumatic System Maintenance: Component Repair and Circuit Troubleshooting	Industrial Automation and Control Systems
6	10th - 12th February	Computerized Maintenance Management Systems (CMMS)	Motor Control Circuits: Wiring, Troubleshooting, and Component Replacement (Contactors, Overloads)
7	17th - 19th February	Condition Monitoring and Vibration Analysis	Strategic Decision-Making for Technical Leaders
8	24th - 26th February	Industrial Piping Systems Design, Installation, Maintenance and Repair	Energy Efficiency and Management in Industrial Facilities
9	03rd - 05th March	Boiler and Pressure Vessel Maintenance and Inspection	Electrical Safety and Compliance in Industrial Settings
10	10th - 12th March	Maintenance Planning and Scheduling Optimization	Advanced HVAC System Design, Control and Optimization
11	17th - 19th March	Advanced Technical Report Writing for Engineers	Drive System Maintenance: V-Belt, Chain, and Gearbox Alignment and Tensioning
12	24th - 26th March	Repair, Overhaul, and Rebuilding of Centrifugal and Positive Displacement Pumps	Project Management for Engineering Professionals
13	31st Mar - 02nd April	Leadership and Team Management in Technical Environments	Solar PV and Hybrid Power Systems Design and Installation
14	07th - 09th April	Data Analysis and Visualization for Engineers	Contract Administration and Management for Engineers
15	14th - 16th April	Effective Communication Skills for Technical Professionals	Bearing Maintenance and Shaft Alignment
16	21st - 23rd April	Innovation and Creative Problem Solving in Engineering	Vibration Analysis and Control in Mechanical Systems
17	28th - 30th April	Fleet Management – Effective Practices For Public and Private Fleets	Industrial Wastewater Treatment Systems Operation
18	05th - 07th May	Negotiation Skills for Engineers and Technical Managers	Preventive Maintenance Scheduling and Implementation
19	12th - 14th May	Risk Assessment and Management in Engineering Projects	Reading and Interpreting Technical Drawings: P&IDs, Schematics, and Blueprints
20	19th - 21st May	Time Management and Productivity for Technical Professionals	Rigging and Lifting Techniques for Industrial Applications
21	26th - 28th May	Principles of Occupational Health and Safety Management	Fiber Optic Installation and Testing for Technicians
22	02nd - 04th June	Precision Measurement and Calibration for Technicians	Advanced Concrete Technology and Applications
23	09th - 11th June	PLC Programming and Troubleshooting for Industrial Applications	Bridge Engineering: Design, Construction, and Maintenance
24	16th - 18th June	Design, Construction and Supervision of Road Construction/ Maintenance Works	Systematic Troubleshooting and Root Cause Analysis for Technicians
25	23rd - 25th June	Industrial Electrical Systems Installation and Maintenance	Water Treatment Technologies for Industrial Applications

26	30th Jun - 02nd July	Mechanical Systems Assembly and Alignment Techniques	Calibration of Industrial Instruments: Pressure Transmitters, Temperature Sensors, and Level Switches
27	07th - 09th July	Cost Engineering: Effective Estimation and Cost Control of Technical Projects	Industrial Pump and Compressor Operations and Maintenance
28	14th - 16th July	Industrial Instrumentation and Process Control	Advanced Construction Project Management
29	21st - 23rd July	Selecting, Managing, and Sustaining Continuous Improvement Projects	Environmental Impact Assessment in Civil Engineering Projects
30	28th - 30th July	Maintenance Management Best Practices: Systems, Tools & Techniques	Lean Manufacturing Principles and Implementation
31	04th - 06th August	Total Productive Maintenance (TPM) & 5S	Mechanical Drives and Power Transmission Systems
32	11th - 13th August	Tools & Strategies to Maximise Maintenance Performance	Advanced Troubleshooting Techniques for Maintenance Professionals
33	18th - 20th August	Structural Steel Design (Trusses, Beams, Columns and Composed Sections)	Quality Control and Six Sigma in Manufacturing
34	25th - 27th August	Best Practice in Sewage and Effluent Treatment Technologies	Industry 4.0 and Smart Manufacturing Technologies
35	01st - 03rd September	LV MM HV Circuit Breakers (Switchgear) Inspection, Maintenance, Design, Repair and Troubleshooting	Supply Chain Optimization and Logistics Management
36	08th - 10th September	Sustainable Manufacturing Practices and Green Production	Industrial Building Designs and Renovation (A to Z Steps to Design Steel Buildings)
37	15th - 17th September	Concrete Structure Designing for Industrial Project (A Practical Way for Reinforced Concrete Design)	Advanced Welding Techniques, Technologies and Metallurgy
38	22nd - 24th September	Maintenance and Troubleshooting Of UPS Systems and Battery Power Supplies	PLC Programming and Troubleshooting for Industrial Applications:
39	06th - 08th October	Basic Principles of Autonomous Maintenance and Continuous Improvement	Manufacturing Process Simulation and Optimization
40	13th - 15th October	Chilled Water Systems, Operations Maintenance and Troubleshooting	Pipefitting and Plumbing Techniques for Industrial Applications
41	20th - 22nd October	Facilities Planning and Layout Optimization	Circuit Breakers and Switchgear Inspection, Maintenance, Design, Repair and Troubleshooting course
42	27th - 29th October	Improving Engineering Projects Supervision, Monitoring, Evaluation and Management	Building Information Modeling (BIM) for Facility Management
43	03rd - 05th November	Energy Management Systems in Commercial and Industrial Facilities	Design, Construction and Maintenance of Low Cost Water Supply Systems/Scheme
44	10th - 12th November	Spare Part Management/Inventory Management Training	HVAC System Maintenance and Troubleshooting
45	17th - 19th November	Rotating Equipment/ Start-up, Operation, Maintenance & Troubleshooting	Smart Building Technologies and Integration
46	24th - 26th November	Compressed Air Systems: Efficiency and Maintenance	Asset Management and Lifecycle Cost Analysis
47	01st - 03rd December	Predictive Maintenance Strategies for Industrial Equipment	Fire Safety Systems Design and Management
48	08th - 10th December	Bridge Inspection, Maintenance and Rehabilitation	Sustainable Facility Management Practices
49	15th - 17th December	Project Management for Civil Infrastructure Projects	5S Methodology for the Workshop: Sort, Set in Order, Shine, Standardise, Sustain
50	22nd - 24th December	Electrical Troubleshooting and Maintenance Techniques	Waste Management and Recycling in Industrial Facilities

Our workshops have been meticulously crafted to address the challenges faced by organisations in the ever-changing economic landscape. With a combined experience of over three decades, NSE and CITED guarantee the highest quality of education and training for your team.

Moreover, we offer the flexibility of in-house and customised training programs, specifically tailored to your organisation's unique requirements. These bespoke sessions can be conducted at your premises, ensuring maximum convenience and relevance for your team.

Workshop Fees


Virtual Learning --- **N250,000 per participant**
In-Class Learning --- **N300,000 per participant**


We are confident that your participation in these workshops will not only enhance your professional skills but also contribute significantly to the success of your organisation.


To register your team or inquire about our customised training options, please do not hesitate to reach out to us. We eagerly anticipate the opportunity to welcome you and your colleagues to our enriching programs



ABIODUN OSHIN
Workshop Coordinator

 RAEC (NSE IKEJA BRANCH SECRETARIAT)
Plot 32, Oba Ogunji Road, Beside Forte Oil Filling Station,
Ogba Agege, Lagos.

 info@citadeltechandengrdev.org
www.citadeltechandengrdev.org
+234 803 719 2728
+234 807 560 2221

 5, Olufunmilola Okikiolu Street,
Off Toyin Street, Ikeja, Lagos