

Upcoming Trainings — Q1 2026

January 21-22

Metal Analysis using AAS, ICP-OES, and XRF

January 27

Restriction on Hazardous Substances (RoHS)

February 4-6

Quality Control/Quality Assurance in Chemical Laboratories

February 12-13

Failure Analysis Techniques

February 24

Basic Principles of Liquid Chromatography

February 26-27

Water Analysis Techniques

March 3

Quality Control Charting for Laboratories

March 5

Atomic Absorption Spectrometry (AAS)

March 11-12

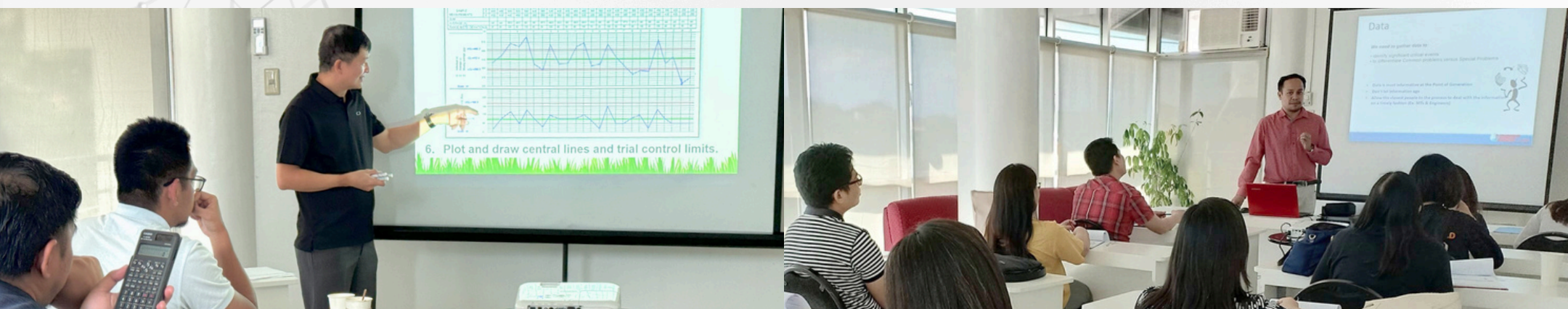
Elemental Analysis by EDX and XRF

March 24-25

7 Basic Quality Tools

March 27

Water Sampling for Drinking Water and Wastewater



*CPD units offered. Get 20% off when you register early.
Schedule may vary. On-site and custom training options available.*

Upcoming Trainings — Q2 2026

April 14-15

Thermal Analysis by DSC and TGA

April 17

ICP-OES Training

April 23-24

Measurement System Analysis

April 28-29

Scanning Electron Microscopy and Energy Dispersive Spectroscopy with Hands-On

May 6-8

Method Validation of Chemical Analysis

May 18-20

Design of Experiment

June 4-5

Reliability Engineering and Management

June 9-10

Measurement System Analysis

June 15-16

Statistical Process Control

June 18-19

Thermal Analysis by DSC and TGA

June 24

EBSD and Ion Milling Training

June 25-26

Good Laboratory Practice



*CPD units offered. Get 20% off when you register early.
Schedule may vary. On-site and custom training options available.*

Upcoming Trainings — Q3 2026

July 2-3

Material Science and Engineering

July 15-16

Metal Analysis using AAS, ICP-OES, and XRF

July 22-24

Quality Control/Quality Assurance in Chemical Laboratories

July 31

Quality Control Charting for Laboratories

August 6-7

Failure Analysis Techniques

August 12-13

Water Analysis Techniques

August 19

Fault Isolation by OBIRCH and Photon Emission Microscopy

August 27-28

Statistical Process Control

September 3, 2026

Restriction on Hazardous Substances (RoHS)

September 7-8

Scanning Electron Microscopy and Energy Dispersive Spectroscopy with Hands-On

September 10

Particle Size Analysis

September 16

Water Sampling for Drinking Water and Wastewater

September 17-18

Material Science and Engineering

September 24-25

Microbiological Analysis in Water



*CPD units offered. Get 20% off when you register early.
Schedule may vary. On-site and custom training options available.*

Upcoming Trainings — Q4 2026

October 1-2

Method Validation of
Chemical Analysis

October 8-9

Elemental Analysis by
EDX and XRF

October 14

Atomic Absorption
Spectrometry (AAS)

October 21-22

7 Basic Quality Tools

October 28

ICP-OES Training

November 5-6

Atomic Force Microscopy
with Hands-On

November 12-13

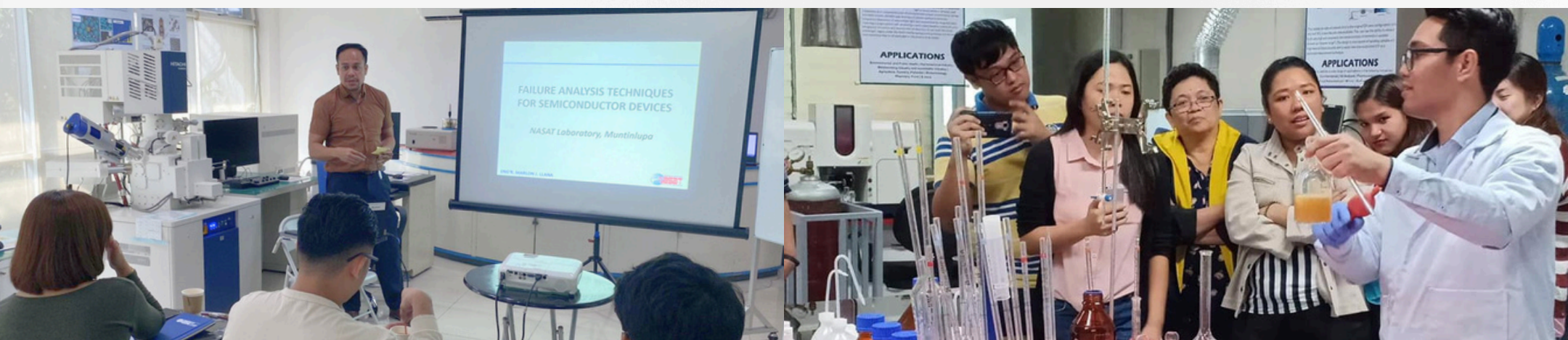
8D Problem Solving &
Decision Making

November 24

Quality Control Charting
for Laboratories

November 25-26

Water Analysis Techniques



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Schedule may vary. On-site and custom training options available.*

Our In-House Resource Speakers



ENGR. MARLON J. LLANA, TECHNICAL & OPERATIONS DIRECTOR, NASAT LABS

Engr. Marlon Llana has a B.S. and a Masters' degree in Chemical Engineering from Mapua Institute of Technology and is a PhD Candidate for Material Science and Engineering. He has over 20 years of experience in the semiconductor industry in the field of Quality, R&D, Laboratory Operation, Electroplating, Failure Analysis, and Reliability having worked for Philips Semiconductors, SunPower Mfg. Ltd., International Rectifier, and DECA Technologies. He is a former faculty at Malayan College Laguna, Lyceum of the Philippines Laguna, and Colegio de San Juan de Letran having taught for more than 14 years. He is also a technical assessor of DTI-PAB for ISO/IEC17025 and is a member of the DTI Technical committee for nanotechnology.



BERNARDO M. REDONA, PhD

Dr. Bernie Redoña is a certified Six Sigma Black Belt with over 30 years of extensive experience in the semiconductor industry, specializing in Process Engineering, Product Qualification, Statistical Process Control (SPC) Implementation, Quality and Reliability. He earned his doctoral degree in Management major in Human Resource Management from University of San Jose Recoletos - Cebu, and holds both a Master of Engineering and a Bachelor's degree in Electronics & Communication Engineering (ECE) from Mapua Institute of Technology. He is a Subject Matter Expert in Quality Tools and Statistical Techniques, including FMEA, 8D, DOE, Statistics, 7 QC Tools, SPC, and MSA. Dr. Redoña has held significant roles, including Quality and Reliability Director at STMicroelectronics Calamba, and has contributed to academia as a professor. His involvement extends to serving as Lead Assessor for the Philippine Quality Award, an Outstanding Mapuan Alumni in ECE, and more.



MARK ANTHONY C. ESMAEL, RCh, LABORATORY HEAD, NASAT LABS

Mac is the Laboratory Head at NASAT Labs with over 15 years of experience in QA, QC, Laboratory Operation and R&D. He specializes in a wide range of advanced analytical techniques such as Atomic Absorption Spectroscopy (AAS), UV-Visible Spectroscopy (UV-Vis), Particle Size Analysis, and other methodologies integral to NASAT Water and Environmental Testing Laboratory. Mac holds a Bachelor's degree in Chemistry from Polytechnic University of the Philippines and has received several units for Master of Science in Chemistry at De La Salle University. He has also acquired in-depth and factory training of advanced instrumentation overseas.



ENGR. JOHN ALEC C. COSICO, FAILURE ANALYSIS SUPERVISOR, NASAT LABS

John is a Materials Science Engineer with extensive knowledge and experience in Failure Analysis and Material Characterization. He has a Master's degree in Materials Science and Engineering and was a former DOST-ERDT scholar. John has more than 7 years of experience in the industry with expertise on Scanning Electron Microscopy, Elemental Analysis, Surface Analysis, and more. He has led several engineering responsibilities, from advanced failure analyses to root cause analyses. He is also an experienced instructor conducting trainings on various analytical techniques. A member of the DTI Technical Committee for Nanotechnology (TC85), he is also currently a PhD candidate for Materials Science.

Featuring a pool of visiting lecturers from different industries

In addition to our core training team, we bring in guest lecturers from various industries to share industry-specific insights and expertise.