

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

Method Validation of Chemical Analysis

July 31

Quality Control Charting for Laboratories

August 6-7

Failure Analysis Techniques

August 13-14

Water Analysis Techniques

August 19

Fault Isolation by OBIRCH and Photon Emission Microscopy

August 27-28

Quality Control/Quality Assurance in Chemical Laboratories

August 27-28

Statistical Process Control

September 3

Restriction on Hazardous Substances (RoHS)

September 7-8

Scanning Electron Microscopy and Energy Dispersive Spectroscopy with Hands-On

September 10

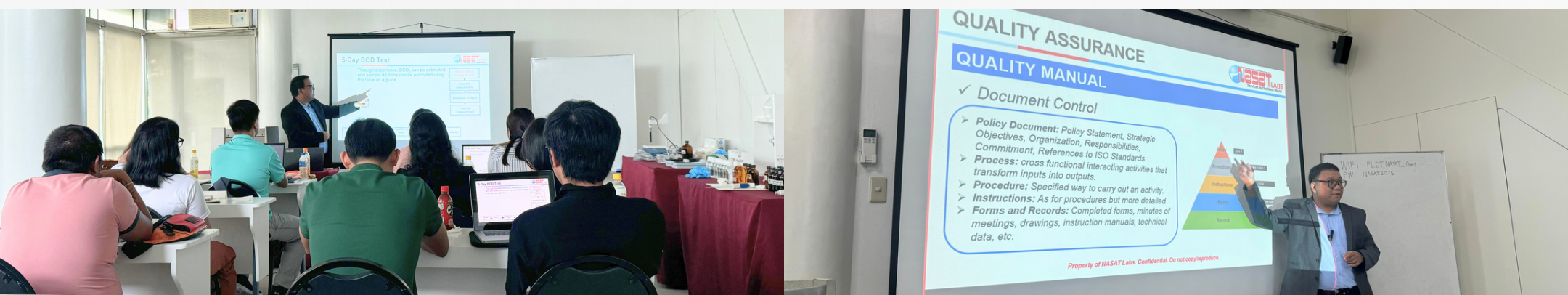
Particle Size Analysis

September 16

Water Sampling for Drinking Water and Wastewater

September 17-18

Material Science and Engineering



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

Upcoming Trainings — Q4 2026

September 24-25

Microbiological Analysis in Water

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

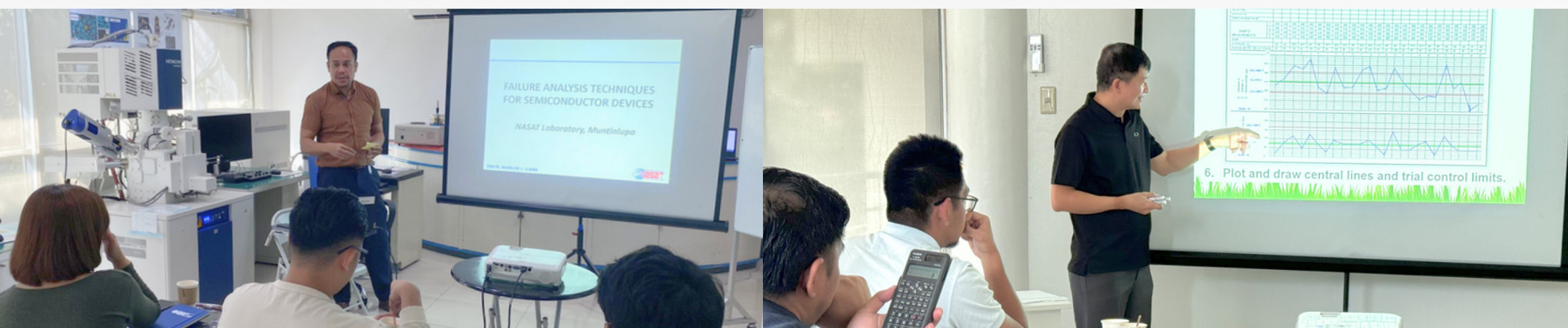
8D Problem Solving &
Decision Making

November 24

Quality Control Charting
for Laboratories

November 25-26

Water Analysis Techniques



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Our In-House Resource Speakers



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

Engr. Marlon holds a Bachelor of Science and a Master's degree in Chemical Engineering from Mapúa Institute of Technology and is currently a PhD candidate in Materials Science and Engineering. He has over 20 years of experience in the semiconductor industry with expertise in quality, research and development, laboratory operations, electroplating, failure analysis, and reliability, having held engineering and managerial roles for companies including Philips Semiconductors, SunPower Manufacturing, International Rectifier, and DECA Technologies. He is also a former part-time faculty member of Malayan Colleges Laguna, Lyceum of the Philippines-Laguna, and Colegio de San Juan de Letran, having taught for 14 years. He also serves as a technical assessor for DTI-PAB on ISO/IEC 17025 and is a member of the DTI Technical Committee for Nanotechnology.



BERNARDO M. REDONA, PhD

Dr. Bernie 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 implementation, quality, and reliability. He earned his Doctorate in Management major in Human Resource Management from the University of San Jose-Recoletos in Cebu, and holds both a Master of Engineering and a Bachelor's degree in Electronics and Communication Engineering from Mapúa Institute of Technology. He is a Subject Matter Expert in quality tools and statistical techniques, including FMEA, 8D, Design of Experiments, Statistics, 7 QC Tools, SPC, and MSA. Dr. Redona previously served as Quality and Reliability Director at STMicroelectronics Calamba and has also shared his expertise through academic teaching as a professor. His professional involvement includes serving as Lead Assessor for the Philippine Quality Award, an Outstanding Mapúan Alumnus in Electronics and Communication Engineering, among other notable contributions across industry, quality, and education.



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

Mac is the Laboratory Head of NASAT Labs, with over 15 years of experience in quality assurance, quality control, laboratory operations, and research and development. He specializes in a wide range of advanced analytical techniques, including Atomic Absorption Spectroscopy, UV-Visible Spectroscopy, Particle Size Analysis, and other methodologies integral to NASAT Water and Environmental Testing Laboratory. He holds a Bachelor's degree in Chemistry from the 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 MARI C. COSICO, FAILURE ANALYSIS SUPERVISOR, NASAT LABS

John is a failure analysis and materials characterization expert. He earned his Bachelors and Masters degrees in Materials Science and Engineering from Mapúa Institute of Technology and was a former DOST-ERDT scholar. He has more than eight years of industry experience, with expertise in Scanning Electron Microscopy, Elemental Analysis, Surface Morphology, and more. He has handled technical responsibilities involving failure investigation, materials evaluation, and root cause analysis, and is also an experienced instructor conducting trainings on various advanced characterization techniques. He is a member of the DTI Technical Committee for Nanotechnology and is currently a PhD candidate in Materials Science and Engineering.

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-relevant insights and expertise.

For inquiries, contact customer care@nasatlabs.com

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