

SOPHISTICATED TEST AND INSTRUMENTATION CENTRE

CUSAT Campus, Cochin University PO, Kochi – 682022

PROPOSED TRAINING PROGRAMS

PROGRAM NAME	DURATION	TARGET GROUP
Laboratory Quality Management System (LQMS)	4-5 days	Practicing professionals from Laboratories
Calibration Techniques (Mechanical, Thermal and Electro Technical)	6 days	Diploma, B-Tech, BSc (Physics)
Workshop on Single Crystal X-Ray Diffraction (SCXRD)	3 days	MSc (Chemistry/Physics), PhD
Workshop on Rietveld Analysis	2 days	MSc (Physics/Chemistry), PhD
Workshop on Nuclear Magnetic Resonance (NMR) Spectroscopy and Mass Analysis	3 days	MSc/BSc (Chemistry), PhD
Training on Water Testing	3 months	MSc/BSc (Chemistry / Microbiology)
Workshop on Basic Research and Instrumentation	3 days	Higher Secondary School Teachers
Short-term course on QA, QC and Calibration	3 months	Diploma, B-Tech
Training on Internal Auditor – Quality Management System	3 days	Working professionals in the related field
Training on Statistical Analysis and Uncertainty in Calibration	2 days	Working professionals in the related field
Internship in Analytical Instrumentation	20 days	MSc/BSc (Physics / Chemistry/Life science/Geology/instrumentation), PhD
Short-term course on Analytical Instrumentation	6-10 days	MSc/BSc (Physics / Chemistry/Life science/Geology/instrumentation), PhD