TRAINING PROGRAMMES FOR THE YEAR 2026-27

SERIES: 269	METROLOGY CALIBRATION FOR KEY MECHANICAL, THERMAL & ELECTRO-TECHNICAL PARAMETERS	DURATION: 2 DAYS DATES: 02-03 DEC' 2026
Description	This training provides an introductory overview of fundamental measurement and calibration across key physical parameters. It covers pressure measurement principles, calibration techniques, and equipment; calibration practices for mass and balance, including standard weights and weighing machines; temperature measurement using thermometers, thermocouples and RTDs along with their calibration processes; calibration techniques for voltage, current, resistance, frequency, and time; and the basics of measurement uncertainty. It gives participants a general awareness of how measurement principles, calibration methods, and uncertainty assessment connect across these parameters.	
Coverage	• Pressure: Measurement Principles, calibration techniques, and equipment. • Mass and Balance: Calibration practices for standard weights and weighing machines. • Temperature: Thermometers, Thermocouples, RTDs and calibration processes. • Voltage, current, resistance, Frequency and time calibration techniques. • Basics of Measurement Uncertainty	
Key Learning Benefits	Participants gain a general understanding of the operating principles behind common measurement instruments for pressure, mass, temperature, and electrical parameters. They become familiar with the calibration techniques and equipment used for each parameter, the basics of measurement uncertainty, and why traceability and documented calibration matter across all measurement disciplines.	
Learning Outcomes	On completion, participants will be able to: • Describe pressure measurement principles and calibration techniques. • Explain calibration methods for standard weights and weighing machines. • Identify the operating principles of thermometers, thermocouples, and RTDs and their calibration processes. • Describe basic calibration techniques for voltage, current, resistance, frequency, and time. • Explain the basics of measurement uncertainty and its role in calibration.	
Programme Achievements	Participants will have a general awareness of fundamental measurement and calibration across pressure, mass, temperature, and electrical parameters. Participants will understand why traceable calibration and uncertainty assessment matter for accuracy and quality assurance, and can implement the methods in the calibration laboratory.	
Target Group	Ideal for professionals in quality assurance and precision measurement, the course bridges practical applications with real-world industry needs. Industry personnel intending to work in the area of Quality Control, Metrology & Calibration. Fresh graduates and academia are also welcome.	
Course Fees	Rs. 15000/- (Rupees Fifteen Thousand Only) **excl. GST**	
Resource Persons	Mrs. Dhanya M P, Chief Research Engineer, FCRI and Mr. Gopan C K, Chief Research Engineer, FCRI	

Course Registration and Payment Confirmation Form

(Advance Payment Mandatory)

For Course Certificate

Name of Participant: Dr. / Mr. / Ms. ……

Designation: …… Qualification……

Organization: ……

Postal Address: ……

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Tel: …… ……Mob: ……

E – Mail (Mandatory):

1…… 2……

*** Remittance particulars (To be filled and forwarded immediately after payment).**

i. **Program Serial Number of Course: ……**

ii. **Organization Name: ……**

iii. **Organization GSTIN No (Mandatory if GST Registered): ……**

iv. **Remittance Details: Screenshots / Unique Transaction Reference number**

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Bank Account for E - Payment

Training Course Fee to be paid by e – payment (RTGS/NEFT/IMPS)
Favoring
Fluid Control Research Institute, Palakkad - 678623
Current Account No: 10258760349. IFSC Code: SBIN0006640.
State Bank of India (SME Branch/ Code: 06640) Kanjikode West, Palakkad–678 623
GSTIN: 32AAAAF0138K1Z6 / PAN: AAAAF0138K / Swift Code: SBININBB397/ MICR 678002007
Email: training@fcriindia.com/trainingfcri@gmail.com

Please mention Program Series number and Abbreviated Organization name while making payment through NEFT / RTGS / IMPS.

Terms & Conditions

i. **All participants must remit course fees in advance.**
ii. **Receipt/Invoice, Certificate of Participation and PDFs of PPT will be issued after the course.**
iii. **E Mail - Receipt of both Remittance Proof and Registration form will confirm participation for the course and no further communication is normally required.**
iv. **In the event of cancellation / rescheduling of courses, the advance will be either refunded or adjusted**