

REGISTRATION FORM

Name of the candidate:

Educational qualification

Designation:

Address:

Pincode

CONTACT DETAILS:

Phone: _____

Mobile: _____

Email Id.: _____

Signature of the candidate

TRANSACTION DETAILS:

Transaction No : _____

Amount : _____

Date : _____

Bank Name : _____

Participants have to make their own arrangements for accommodation.

REGISTRATION FEE DETAILS

| Category | Amount |
|------------------|---------------|
| Industries | Rs. 6, 000/- |
| Students/Faculty | Rs. 4,000/- |

GST @ 18% is additional

| Account Name | CSIO CSIR |
|---------------------|---------------------|
| Account No. | 30267719755 |
| Bank | State Bank of India |
| Branch | Taramani |
| IFSC Code | SBIN0010673 |

Registration Fee can be paid through NEFT/RTGS

CONVENER

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TRAINING PROGRAMME ON ISO/IEC 17025:2017, CALIBRATION PARAMETERS & MEASUREMENT UNCERTAINTY

17th to 20th of FEBRUARY 2020



**Organised By
CSIR-CSIO CHENNAI CENTRE
In Association with
MSME CHENNAI**



INTRODUCTION

CSIO

Central Scientific Instruments organisation (**CSIO**) is a constituent unit of Council of Scientific and Industrial Research (CSIR) with head quarters at Chandigarh. It is premier national laboratory dedicated in the field of Research, Design & Development of Scientific and Industrial Instruments. CSIR-CSIO is working on the niche areas of Defence, Agrionics, Optics, Energy Management, Biomedical & Prosthetic devices, Advanced Materials for transducers and analytical instrumentation. CSIR-CSIO has two regional centres located in Delhi and Chennai.

CSIO, Chennai has a well-established calibration laboratory for electro technical, mechanical, thermal and analytical parameters. It serves various sectors like Railways, TNEB, TPCB, thermal power stations, PSU's like ONGC, BHEL, HPCL, BPCL and private companies, thereby providing testing and calibration services with a commitment to bring quality advantage to the industries and organisations. Calibration laboratory of CSIO, Chennai is accredited by National Accreditation Board for Testing and Calibration Laboratories (NABL), India for the following Sections:

- Electro Technical & Mechanical

MSME

Micro, Small & Medium enterprises (**MSME**) is under Ministry of Micro, Small & Medium enterprises with head quarters at Delhi to

- ❖ Implement schemes and services pertaining to MSME Sector of Govt. of India.
- ❖ Policy formulation for the promotion and development of MSMEs.
- ❖ Liaison with other organisations for development of MSMEs as ancillaries to large industries.
- ❖ Providing common facility services to industries
- ❖ MSME Testing Centre, MSME TC Chennai is providing common facility to industries in the field of testing and calibration
- ❖ MSME TC, Chennai is accredited by National Accreditation Board for Testing and Calibration Laboratories (NABL), India for the following fields:
 - Electrical Testing
 - Biological Testing
 - Chemical Testing
 - Mechanical testing
 - Radiological testing
 - Electro-technical calibration
 - Thermal calibration
 - Mechanical calibration (torque, pressure sensors, dimensions)

NECESSITY OF THE PROGRAM

As a part of indigenisation and Make in India, Govt. is focusing to improve Micro Small Medium Enterprises to make quality products and maintain good practices adhered to ISO.

In this direction CSIO and MSME TC is jointly organising the program to train the beneficiaries on Laboratory Quality Management System as per IS/ISO/IEC 17025, NABL accreditation, product certification, calibration etc. To create awareness among industries / students on quality parameters pertaining to calibration, testing, Standard Operating Procedure and its uncertainty.

PROGRAM OVERVIEW

This is a four-day training programme planned to create awareness on IS/ISO/IEC 17025:2017 and hands-on experience on calibration parameters with measurement uncertainty. The participants will have exposure to the facilities available at CSIO, Chennai Centre and MSME TC.

COURSE CONTENTS

1. Overview on ISO/IEC 17025:2017
2. Calibration- Techniques- Electro Technical, Thermal and Mechanical
3. Measurement Uncertainty
4. Hands on experience

TARGET AUDIENCE

Technicians/supervisors, Engineers, Quality Auditors/ Controllers engaged in calibration activity in the areas of Electro Technical, Mechanical, Biological, Chemical & Electrical from calibration laboratories/Industries/Academic institutions can participate.

RESOURCE PERSONS

Sessions will be handled by experts from CSIO, MSME TC, and NABL Assessors.