

ANNUAL TRAINING CALENDAR 2026

(For Foreign Officials of Legal Metrology)



GOVERNMENT OF INDIA

Ministry of Consumer Affairs, Food and Public Distribution
(Department of Consumer Affairs)

INDIAN INSTITUTE OF LEGAL METROLOGY

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ABOUT IILM

Indian Institute of Legal Metrology, a unique pioneer institute of its nature, commonly known as IILM, is a statutory body deemed to be established by the Government of India under section 21 of the Legal Metrology Act 2009. It is one of its kind not only in India but also an apex institute in South and South East-Asia. This Institute is working under direct control of Central Govt., Ministry of Consumer Affairs, Food and Public Distribution, Department of Consumer Affairs. It is well equipped with reputed, highly qualified, experienced faculty members, resourceful laboratories and other allied necessary facilities to enable it to function effectively in the field of Legal Metrology.



COURSES FOR FOREIGN OFFICERS CONDUCTED BY THE INSTITUTE

Institute had conducted the number of courses in the field of Legal Metrology for the foreign officers in past. Till date the foreign participants from about 32 countries have attended the various courses. The details of foreign officials, attended the training in past 10 years are as below:

| Country | No. of Participants | Year | Course Name |
|----------|---------------------|------|--|
| Bhutan | 37 | 2023 | Special Course for Foreign Officials of Bhutan on Pre-Packaged Commodities Rules, Vehicle Tanks for Petroleum Products, Vertical Oil Storage Tanks, Automatic Rail-Weighbridges, Static Weighbridges and WIM |
| Bhutan | 09 | 2018 | Tailor made Training for Repair and adjustment of non-automatic weighing Instruments |
| Bhutan | 06 | 2010 | Capsule Course on Legal Metrology for foreign officials |
| Maldives | 10 | 2012 | Foundation course for foreign officials in Legal Metrology |
| Tanzania | 10 | 2015 | Special course for foreign officials on NAWI, Fuel Dispenser for motor vehicle, LPG dispenser & CNG system for vehicle. |
| Tanzania | 10 | 2015 | Special course on calibration of vertical oil storage tank, vehicle tank, testing procedure for water meter, WIM and load cell principle. |
| Tanzania | 10 | 2015 | Special course on calibration & maintenance of standard balances, mass comparator, Clinical thermometer & Sphygmomanometers |
| Tanzania | 10 | 2015 | Special course for foreign official on Legal Metrology (Packaged Commodities Rules, 2011 & calibration & maintenance of standard balances |



OBJECTIVE OF THE COURSES

In a world where precise measurement is the cornerstone of fair trade and consumer protection, legal metrology plays a pivotal role in ensuring the accuracy and integrity of measurement systems.

To promote worldwide harmonization in Legal Metrology, the Indian Institute of Legal Metrology, Ranchi, contributes by imparting the training in this field. It is known that training and development of human resources has evoked a great deal of interest in recent years. Training is a systematic process of changing the behaviour, knowledge, and attitudes of present employees to improve the match between employee characteristics and employment requirements. Training and development function in an organization has gradually become a major activity since the continued effectiveness and efficiency of an organization depends on the ability of its employees to produce at high levels of efficiency, and keep abreast with their changing job-role demands.

The objective of training is to develop specific and useful knowledge, skills and techniques and to make them familiar with the Legal Metrology system, international traceability, testing procedure of weight, measure, weighing Instrument and Measuring instruments as per the International best practices in the field of Legal Metrology. The objective of the training is to spread the knowledge about the Metrological control of the Legal Metrology in weight or Measure as well as in packaged commodities.

METHODOLOGY OF THE TRAINING

Institute adopts broadly three methodologies to impart the training-

- By conducting theory classes to enrich the participants about the Legal and Technical aspects of the Legal Metrology. Under theory classes, Lectures, study notes, worksheets, group discussion etc. is covered.
- By conducting Practical Classes to make them familiar with practical approach in technical aspects of the Legal Metrology. Under practical classes, participants have to perform the experiments and have got the opportunity to learn the verification/testing process of the weights, Measures, weighing Instruments and Measuring Instruments.
- By conducting field visit to make the live demonstration of the verification/Testing procedure of the weighing and measuring Instruments.

Evaluation of Training : At the end of the training, a general questionnaire will be provided to evaluate the training outcomes.

Awarding of Certificates : All the participants will be awarded a Certificate at the end of the course.

Feedback form : The participants will be requested to give the feedback/suggestion(s) about the course for future prospective.

FACULTY MEMBERS



Dr. Rajeshwar Kumar
Director



Dr. Dinesh Kr. Dwivedi
Professor



Shri Manish Prasad
Professor



Shri Aditya Prasad
Professor



Shri Vivek Kumar Pandey
Assistant Professor



Shri Manish Kumar
Metrological Assistant



Shri Pijush Kanti Dana
Metrological Assistant



Shri Himanshu Sahu
Metrological Assistant

Annual Training calendar for Foreign Officials of Legal Metrology (For the Year-2026)

| Sl. No. | Month | Name of the Course | Eligibility of the Participant | Duration | Tentative Period | Course Content | Tuition Fee (in INR) |
|---------|---------------|--|---|----------|--------------------------|--|----------------------|
| 01 | January 2026 | Two-week training program on Measuring system for Liquids other than Water (Fuel Dispensers) & CNG, Discontinuous totalizing automatic weighing Instruments and Automatic Gravimetric filling machine. | Nominated foreign Officers of the Legal Metrology departments through proper channel & with due compliance of Rules regulations of concerned Ministries/ Departments of the India and source countries. | 2 Weeks | 05.01.2026 to 16.01.2026 | Legal Metrology system Traceability of the Standards Familiarization with measuring system for liquids other than water like fuel dispensers for liquids other than water, LPG dispensers etc. CNG, Discontinuous totalizing automatic weighing Instruments and Automatic Gravimetric filling machine. Accuracy class, MPE determination and testing procedures | 42,000/- |
| 02 | February 2026 | One week training program on Automatic Instruments for weighing road Vehicles in motion and measuring axle loads and Load cell (OIML-R-60) | Nominated foreign Officers of the Legal Metrology departments through proper channel & with due compliance of Rules regulations of concerned Ministries/ Departments of the India and source countries. | 1 Week | 09.02.2026 to 13.02.2026 | Legal Metrology system Traceability of the Standards Familiarization with Automatic Instruments for weighing road Vehicles in motion and measuring axle loads and Load cell (OIML- R-60) Accuracy class determination MPE determination and testing Procedure | 21,000/- |
| 03 | February 2026 | One week training program on non-automatic weighing Instruments, Beam Scale and Counter Machine | Nominated foreign Officers of the Legal Metrology departments through proper channel & with due compliance of Rules regulations of concerned Ministries/ Departments of the India and source countries. | 1 Week | 23.02.2026 to 27.02.2026 | Legal Metrology system Traceability of the Standards, Detail study on non-automatic weighing Instruments as per OIML R- 76 includes Accuracy class determination, MPE Calculation and testing Procedure. Detail study of Beam Scales and Counter Machines and their testing. | 21,000/- |
| 04 | March 2026 | Two-week training program on clinical thermometer, sphygmomanometer and Taximeter | Nominated foreign Officers of the Legal Metrology departments through proper channel & with due compliance of Rules regulations of concerned Ministries/ Departments of the India and source countries. | 2 Weeks | 09.03.2026 to 20.03.2026 | Legal Metrology system Traceability of the Standards Familiarization with clinical thermometer, sphygmomanometer and taximeter. Testing Procedure of Clinical thermometer Testing Procedure of Sphygmomanometer and Taximeter. | 42,000/- |

| Sl. No. | Month | Name of the Course | Eligibility of the Participant | Duration | Tentative Period | Course Content | Tuition Fee (in INR) |
|---------|------------|--|---|----------|--------------------------|---|----------------------|
| 05 | April 2026 | One week training program on Radar Equipment for measuring speed of the vehicles, Gas Meters and Moisture Meters | Nominated foreign Officers of the Legal Metrology departments through proper channel & with due compliance of Rules regulations of concerned Ministries/ Departments of the India and source countries. | 1 Week | 20.04.2026 to 24.04.2026 | Legal Metrology system Traceability of the Standards Familiarization with Radar Equipment for measuring speed of the vehicles, Gas Meters and Moisture Meters Accuracy class MPE determination and testing Procedure | 21,000/- |
| 06 | May 2026 | Two-week training program on Measuring system for Liquids other than Water (Fuel Dispensers) & CNG, Discontinuous totalizing automatic weighing Instruments and Automatic Gravimetric filling machine. | Nominated foreign Officers of the Legal Metrology departments through proper channel & with due compliance of Rules regulations of concerned Ministries/ Departments of the India and source countries. | 2 Weeks | 04.05.2026 to 15.05.2026 | Legal Metrology system Traceability of the Standards Familiarization with measuring system for liquids other than water like fuel dispensers for liquids other than water, LPG dispensers etc. CNG, Discontinuous totalizing automatic weighing Instruments and Automatic Gravimetric filling machine. Accuracy class, MPE determination and testing procedures | 42,000/- |
| 07 | June 2026 | One week training program on Automatic Instruments for weighing road Vehicles in motion and measuring axle loads and Load cell (OIML-R-60) | Nominated foreign Officers of the Legal Metrology departments through proper channel & with due compliance of Rules regulations of concerned Ministries/ Departments of the India and source countries. | 1 Week | 08.06.2026 to 12.06.2026 | Legal Metrology system Traceability of the Standards Familiarization with Automatic Instruments for weighing road Vehicles in motion and measuring axle loads and Load cell (OIML-R-60) Accuracy class determination MPE determination and testing Procedure | 21,000/- |
| 08 | July 2026 | Two-week training program on vertical oil storage tank, Vehicle tank for petroleum product, Bulk Meter and Measures | Nominated foreign Officers of the Legal Metrology departments through proper channel & with due compliance of Rules regulations of concerned Ministries/ Departments of the India and source countries. | 2 Weeks | 06.07.2026 to 17.07.2026 | Legal Metrology system Traceability of the Standards Familiarization with vertical oil storage tanks, vehicle tanks and measures used in legal metrology field. Calibration process of Vertical oil storage tank and vehicle tank for petroleum products. Verification process of measures. | 42,000/- |

Annual Training Calendar 2026
(For Foreign Officials)

| Sl. No. | Month | Name of the Course | Eligibility of the Participant | Duration | Tentative Period | Course Content | Tuition Fee (in INR) |
|---------|----------------|---|---|----------|--------------------------|---|----------------------|
| 09 | August 2026 | One week training program on Nonautomatic weighing Instruments, Beam Scale and Counter Machine | Nominated foreign Officers of the Legal Metrology departments through proper channel & with due compliance of Rules regulations of concerned Ministries/ Departments of the India and source countries. | 1 Week | 17.08.2026 to 21.08.2026 | Legal Metrology system Traceability of the Standards, Detail study on Nonautomatic weighing Instruments as per OIML R-76 includes Accuracy class determination, MPE Calculation and testing Procedure. Detail study of Beam Scales and Counter Machines and their testing. | 21,000/- |
| 10 | September 2026 | Two-week training program on standard balances, standard weights, Digital type balances and estimation of uncertainty | Nominated foreign Officers of the Legal Metrology departments through proper channel & with due compliance of Rules regulations of concerned Ministries/ Departments of the India and source countries. | 2 Weeks | 07.09.2026 to 18.09.2026 | Legal Metrology system Traceability of the Standards Familiarization with Standard balances, standard weight and Digital type balances. Testing/verification process of standard balances and standard weights. Calibration process of digital type balances Concept of uncertainty and its estimation in measurement | 42,000/- |
| 11 | October 2026 | One week training program on Automatic Rail-weigh Bridges and on Nonautomatic weighing Instruments | Nominated foreign Officers of the Legal Metrology departments through proper channel & with due compliance of Rules / regulations of concerned Ministries/ Departments of the India and source countries. | 1 Week | 26.10.2026 to 30.10.2026 | Legal Metrology system Traceability of the Standards Familiarization with automatic Rail-weigh Bridges and Nonautomatic weighing Instruments Accuracy class determination MPE determination and testing Procedure | 21,000/- |
| 12 | November 2026 | Two-week training program on Act and Rules in Legal Metrology in India, Packaged commodities and worldwide general acceptance of legal metrology system | Nominated foreign Officers of the Legal Metrology departments through proper channel & with due compliance of Rules regulations of concerned Ministries/ Departments of the India and source countries. | 2 Weeks | 09.11.2026 to 20.11.2026 | Legal Metrology system Traceability of the Standards Familiarization with Act and Rules relating with Legal Metrology in India International best practices in Legal Metrology World-wide general acceptance of Legal Metrology Net content determination in packaged commodities | 42,000/- |

| Sl. No. | Month | Name of the Course | Eligibility of the Participant | Duration | Tentative Period | Course Content | Tuition Fee (in INR) |
|---------|---------------|--|---|----------|--------------------------|---|----------------------|
| 13 | December 2026 | One week training program on calibration of Digital Balances, weights and estimation of uncertainty in Measurement | Nominated foreign Officers of the Legal Metrology departments through proper channel & with due compliance of Rules regulations of concerned Ministries/ Departments of the India and source countries. | 1 Week | 14.12.2026 to 18.12.2026 | Legal Metrology system Traceability of the Standards Familiarization with digital type balances and weights. Calibration procedure of Digital type balances and weights Concept of uncertainty and estimation of uncertainty in measurement | 21,000/- |

- ❖ **Duration of the training Program :** One week/Two week as per the requirement by the foreign countries.
- ❖ **Eligibility criteria for the training :** Nominated Foreign Officers of the Legal Metrology departments through proper channel based on Rules/regulations of concerned Ministries/ Department of India and source countries.
- ❖ **Number of the Participant :** In one course, Number of participants may not exceed 25.
- ❖ **Course fee :** Course for one-week programs- ₹21,000 per participants (in Indian currency) and for Two-week program- ₹42,000 per participant (in Indian currency)
- ❖ **Accommodation Charge :** ₹800 per day for single occupancy in Hostel room
- ❖ **Mess Charges :** ₹700 per day which will include Breakfast, Lunch, Dinner and two-time high tea.

Facility provided at the Institute

- ❖ Institute has a well modernized Guest House cum executive hostel as well as a Hostel of 80 rooms having single occupancy.
- ❖ A. The Institute provides a well-furnished single room accommodation, it is surrounded by green trees, gardens and sprawling lawns. Institute also provides indoor and outdoor game facilities.
- ❖ B. The mess facility is also available at the Mess with modest charge to be borne by the participant.



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