



ANNUAL TRAINING CALENDAR 2022

FOR THE OFFICIAL OF LEGAL METROLOGY



GOVERNMENT OF INDIA

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

INDIAN INSTITUTE OF LEGAL METROLOGY

RANCHI - 834 006

(ISO 9001:2008 Certified)

Phone No:- 0651-2450821, 8340462427 (M), Fax No:- 0651-2450821

Email: bdkonar.24@gov.in | Website : www.iilm.gov.in



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Few Photographs of Training Activities at IILM, Ranchi

"Impossible only means that you haven't found the solution yet."- Anonymous

MESSAGE FROM THE DESK OF HEAD OF OFFICE



Prof. Banshi Dhar Konar
Head of Office, IILM, Ranchi

This is my great pleasure to place before you the Training Calendar 2022 which captures the year long activities calendar of the institute. The aim of the institute is to impart the training in the field of legal metrology to make the competent enforcement officers of India and foreign officials of legal metrology too. To maintain the high transparency and accountability in training activities, currently Institute consists of three panels namely- Academic Panel, Examination Panel and Mess and Hostel Management Panel. Recently grading system has been implemented in 4 months Basic Training Course at IILM, Ranchi. We as a team believe in total satisfaction of our trainee officials and strive to deliver the same with quality. The Training Calendar is vivid multicolored of diverse needs of the trainee officials addressed by the institute in a meticulous planning. It is a convergence of trainee officials' needs and futuristic assessments of Legal Metrology agreed upon by series of trainings conducted at IILM, Ranchi. The training programmes aim at enhancing core competency, pedagogy with emphasis on digital pedagogy considering the present COVID 19 pandemic situation across the country, knowledge in emerging areas and industrial needs. Short-term training programmes on major topics of Legal Metrology i.e. Fuel dispenser for motor vehicles, LPG dispensers, CNG system for vehicles, Non – automatic weighing instruments, automatic rail-weigh bridges, mass comparator, automatic instruments for weighing road vehicles in motion, load cells etc. pave the path for holistic development of Trainee officials from different states and faculty members of IILM. The Training Calendar opens up ample opportunity for trainee officials to learn practical and legal aspects of Weights, Measures, Weighing and Measuring instruments. The faculty members of this institute with their intellect, involvement, interaction and inherent work culture are the real experts available in the system. Cordial relationships of the faculty members and staff with the trainee officials multiply wealth and empowering leads to progress. These are truly in practice at IILM, Ranchi. Hence, the activities lead to multiple level of diversified learning by involvement of industries and weights and measures establishments who have excellent infrastructures at different locations of the country and are opened to our participants. Thinking without box is the present approach of the institute to explore experience and exploit the data base and information to improve the quality of training in the field of Legal Metrology. As a front runner in adopting transformation, the institute is planning to provide need based training in the area of legal metrology to various PSUs, Industries, Railways, etc. Albert Einstein once said I quote “Education is not the learning of fact, but the training of the mind to think”. Hope this year's Training Calendar, the activities calendar of the institute will meet your expectations of rich learning and provide you knowledge, skill and enlightenment.



Celebration of 75th Independence Day at IILM, Ranchi

“If you want to have good ideas, you must have many ideas.” – Linus Pauling



ABOUT IILM

Indian Institute of Legal Metrology, a unique pioneer institute of its nature, commonly known as IILM, is a statutory body established by the Government of India under section 21 of the Legal Metrology Act, 2009. It is only one of the kinds not only in India but also an apex institute in the 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. The total area of IILM is about 70000 m².



LOCATION OF INSTITUTE

The Institute is located at 16 km northward direction from Ranchi Rly. Station and approx 20 km from Ranchi, Birsa Munda Airport on a beautiful patch of land, full of gardens and greens which protect the laboratories from direct Sun rays, flying dust particles and is far away from industrial belt at Kokar, Ranchi. Kanke is 3 km away and on the eastern side of the Ranchi-Patratu Road. Ranchi is well approachable by Roads, Rails and Air. At Kanke, the institute is surrounded by Central as well as State Government Institutions like- Central Institute of Psychiatry (CIP), Birsa Agricultural University (BAU) and Ranchi Veterinary College (RVC). IILM is on the way to RVC from Kanke Block Chowk hardly 200 m (N) from Block Chowk.



TOPOGRAPHY OF RANCHI

Ranchi district is one of the twenty-four districts of Jharkhand state in eastern India. Ranchi city, the capital of Jharkhand state is the district headquarters. It was established as a district in 1899.

Ranchi, the capital of Jharkhand State, is located at 23.35°N latitude and 85.33°E longitude. The total area covered by Ranchi Municipal Corporation is 177.19 sq. km. as per 2001 census. Its elevation from

Sea level is 652 m (2140 feet).

It is located in southern part of Chotanagpur plateau. The main river flowing through Ranchi District is Subarnarekha, South Koel and its tributaries. There are three well-defined seasons: the hot-weather season, lasting from March to mid-June; the season of southwest monsoon rains, from mid-June to October; and the cold-weather season, from November to February. May is the hottest month. Generally, the climate of Ranchi is moderate due to hilly region and dense deciduous forest.

It is a cultural as well as a popular tourist retreat of chotanagpur plateau, surrounded by forest, bushes and is said to be a lush green valley amidst several waterfalls and hills. It is also a hill station, now bubbling with industrial activities and shopping malls. Ranchi is blessed with good educational facilities.



HOW TO REACH THE INSTITUTE

Air: Birsa Munda Airport (IXR) of Ranchi has flights from Patna, Delhi, Mumbai, Bangalore, Pune, Chennai, Jammu, Goa and Kolkata. Few major airlines like Air India, GoAir, Indigo and Jet Airways serve this purpose.

Rail: Ranchi is now well connected with major cities of India via rail routes and one of the most profitable station in South Eastern Railways. Ranchi Railway Station with station code RNC is main station of Ranchi. Apart from Ranchi station, there are few more stations in city namely, Hatia Station, Tatisilwai Station and Namkom Station.

Road: NH 33 and NH 23 pass through Ranchi. Roads connecting major cities are providing movement for passenger and freight traffic. Regular bus services are there to Kolkata and other towns of neighboring states. Private buses also ply regularly to Jamshedpur, Siwan, Begusarai, Rourkela, Dumka, Varanasi, Khagaul, Hajipur, Patna and Kolkata. Luxury Mercedes buses are also available from Ranchi to Gaya and Patna. State Road Transport Corporation and private buses ply regularly to connect Ranchi to the other parts of Jharkhand.



Activities under Aazadi Ka Amrit Mahotsav

Faculty Members



Dr. R. Kumar
Director



Prof. Banshi Dhar Konar
Head of Office, IILM, Ranchi



Dr. D. K. Dwivedi
Professor



Sh. Manish Prasad
Professor



Sh. Aditya Prasad
Assistant Professor



Sh. M.L. Rastogi
Assistant Professor



Sh. V. K. Pandey
Assistant Professor



Sh. Ravi Shankar Singh
Metrological Assistant



Sh. Ashish Kumar Gautam
Metrological Assistant



Sh. Manish Kumar
Metrological Assistant

Insights of IILM Training Calendar

The Current Calendar for the year 2022 is meant for selecting proper programmes by the Department of Legal Metrology and nominating suitable trainee-officers keeping in view of their training needs. The training Calendar contains complete information not only the training curricula, their dates of commencements, cut-off dates, programme officers, faculty but also other facilities provided by the Institute. It is, therefore, requested to bear in mind the information given below before sending the nominees :-

- ❖ It is advisable to give a proper thought to the IILM Training Calendar and choose the programme suitable to them.
- ❖ The selection of the nominees may be given priority in the interest of the consumers if the States/UT.
- ❖ Nominations should be intimated, at least, 15 days before the course commences in accordance with training calendar directly to the institute.
- ❖ After successful completion of the training programmes, the knowledge & skills gained by the nominees should be utilized for the benefit of the consumers/public interest/Nation interest.
- ❖ Each programme is circulated 15 to 30 days in advance as a reminder.
- ❖ At present, no course fee is chargeable either from the participants or from the sponsoring authority. The authority has to bear only the TA, DA and other charges as applicable. Course fee for special course conducted for repairer and foreign officials are chargeable.
- ❖ Any suggestion and alterations for the future action plan will be highly appreciable.
- ❖ Do hope that IILM Training curricula will prove very useful for timely selection of the candidates and necessary approval without further delay.
- ❖ Courses for foreign officials can be designed as per their training need assessment.
- ❖ Under obligatory functions of the Institute, Institute is in the verge of implementing the various schemes to stimulate Universities, engineering and technical colleges to impart basic education in Legal Metrology and allied branches of knowledge to under graduate or post graduate students or both. and Institute is also ready to establish relations and co-operations with agencies or organizations in India or abroad for disseminating and enriching knowledge in the field of Legal Metrology.

INDIAN INSTITUTE OF LEGAL METROLOGY, RANCHI

Training Calendar for the Year- 2022

SL. No.	Month	Name of the Course	Eligibility of the Participant	Duration	Period	Cutoff Date	Programme Officer
01.	January 2022	Special Course on Taximeters, Clinical Thermometer & Sphygmomanometer	Legal Metrology Officer fulfilling the Qualification as prescribed in the Rule 28 of The Legal Metrology (General) Rules, 2011 or in Rule (5) of the IILM Rules, 2011. For others (Industrial Persons, Persons connected with Consumer Protection activities, etc) fulfilling Sub Rule (b) ,(c), (d) of the Rule (5) of IILM Rules, 2011	1 Week	10.01.2022 to 14.01.2022	11.01.2022	(i) Sh. M. L. Rastogi, Asstt. Professor (ii) Sh. Ravi Shankar Singh, Met.Asstt.
02.	January 2022	Special Course on the Legal Metrology (Packaged Commodities) Rules, 2011	Same as SL.No.1	1 week	17.01.2022 to 21.01.2022	18.01.2022	(i) Prof. Manish Prasad (ii) Sh. Vivek Kr.Pandey, Asstt.Prof
03	February 2022	Special course on Automatic instruments for weighing road vehicles in motion and measuring axle loads, and Load cell principle and testing	Same as SL.No.1	1 Week	07.02.2022 to 11.02.2022	08.02.2022	(i) Prof Dr. D. K. Dwivedi (ii) Sh. Aditya Prasad, Asstt. Professor
04	February 2022	Seminar on Consumer Education	Non-judicial members of CDRA of States/Uts, Sponsored candidates from NGO'S, VCO'S etc	2 Days	17.02.2022 to 18.02.2022	N.A	(i) Sh. M. L. Rastogi, Asstt. Professor (ii) Sh. Vivek Kr.Pandey,Asstt.Prof
05	February 2022	Special Course on Volumetric Container Filling Machines, Volumetric Container Type Liquid Measuring Device & Standard weights for testing of high capacity weighing machines	Same as SL.No.1	1 Week	21.02.2022 to 25.02.2022	23.02.2022	(i) Sh. Aditya Prasad, Asstt. Professor (ii) Sh. Ashish Kumar Gautam, Met. Asstt.
06	March 2022	Special Course on Fuel dispenser for Motor Vehicles, LPG Dispenser & CNG Measuring system for Vehicles	Same as SL.No.1	1 Week	07.03.2022 to 11.03.2022	08.03.2022	(i) Prof. Manish Prasad (ii) Sh. Vivek Kr.Pandey, Asstt.Prof
07	March 2022	Special Course on the Legal Metrology (Packaged Commodities) Rules, 2011	Same as SL.No.1	1 week	21.03.2022 to 25.03.2022	22.01.2022	(i) Sh. Aditya Prasad, Asstt. Professor (ii) Sh. Vivek Kumar Pandey, Asstt. Professor
08	April 2022	Basic Training Course (Eng. Med.)	Person appointed by Central/ State /UTs having the qualification as prescribed in Sub Rule (1) & (2) of Rule 28 of the Legal Metrology (General) Rules, 2011 and also in Rule (5) of the IILM Rules, 2011.	17 week	01.04.2022 to 29.07.2022	08.04.2021	(i)Prof (Dr) D. K. Dwivedi (ii) Sh. Aditya Prasad, Asstt. Professor
09	April 2022	Basic Training Course (Hindi Med.)	Same as SL.No.8	17 Week	01.04.2022 to 29.07.2022	08.04.2022	(i) Prof. Manish Prasad (ii) Sh. Vivek Kr.Pandey,Asstt.Prof
10	April 2022	Special Course on the Legal Metrology (Packaged Commodities) Rules, 2011	Same as SL.No.1	1 week	04.04.2022 to 08.04.2022	05.04.2022	(i) Prof (Dr) D. K. Dwivedi (ii) Sh. M. L. Rastogi Asstt. Professor
11	May 2022	Special course on verification of Cast Iron Weight, Capacity measures and Metallic length measures	Same as SL.No.1	1 week	09.05.2022 to 13.05.2022	10.05.2022	(i)Sh.Ravi Shankar Singh, Met.Asstt. (ii) Sh. Manish Kumar . Met.Asstt

SL. No.	Month	Name of the Course	Eligibility of the Participant	Duration	Period	Cutoff Date	Programme Officer
12	May 2022	Special Course on Non-automatic Weighing Instruments	Same as SL.No.1	1 week	23.05.2022 to 27.05.2022	24.05.2022	(i)Prof(Dr) D. K. Dwivedi (ii)Sh. Manish Kumar . Met.Asstt.
13	June 2022	Special Course for Repairers of Non-automatic weighing instruments	Licensed Repairers of Legal Metrology. E.Q.-(1) Diploma in Engg. or (2) Grade ITI certificate in electronics/electrical/ instrumentation with 2 years experience N.B.- (i) Through Proper channel of Legal Metrology/on production of licence issued by the controller of Legal Metrology (ii) Rs. 15000/- as course fee in favour of Director, IILM. (DD Payable at Ranchi)	1 month	01.06.2022 to 30.06.2022	04.06.2022	(i) Sh. Aditya Prasad.Asstt.Prof. (ii) Sh. Ashish Kumar Gautam, Met.Asstt.
14	June 2022	Special Course on Automatic Rail-weighbridges & Static Weighbridges	Same as SL.No.1	1 week	06.06.2022 to 10.06.2022	07.06.2022	(i)Prof (Dr) D. K. Dwivedi (ii) Sh. Vivek Kumar Pandey,Asstt.Prof
15	June 2022	Refresher course on Legal Metrology	Same as SL.No.1	2 week	13.06.2022 to 24.06.2022	15.06.2022	(i) Sh. Aditya Prasad ,Asstt.Prof (ii) Sh. Ravi Shankar Singh, Met. Asstt.
16	July 2022	Special course on Automatic instruments for weighing road vehicles in motion and measuring axle loads, and Load cell principle and testing	Same as SL.No.1	1 Week	04.07.2022 to 08.07.2022	05.07.2022	(i) Sh. M. L. Rastogi Asstt. Professor (ii) Sh. Vivek Kumar Pandey,Asstt.Prof
17	July 2022	Special Course on Legal Metrology Act, 2009 & Rules made there under	Same as SL.No1	1 Week	11.07.2022 to 15.07.2022	12.07.2022	(i) Prof. Manish Prasad, (ii) Sh. Aditya Prasad, Asstt.Professor
18	July 2022	Special Course for Foreign Officials in Legal Metrology	Officials of legal metrology from developing countries having sufficient knowledge & experience of the subject.	02 Week	18.07.2022 to 29.07.2022	19.07.2022	(i) Prof. B.D .Konar (ii) Sh. Aditya Prasad, Asstt.Prof.
19	August 2022	Basic Training Course (Eng. Med.)	Same as SL.No.8	17 Week	01.08.2022 to 30.11.2022	07.08.2022	(i) Prof. Manish Prasad (ii) Sh. Vivek Kumar Pandey, Asstt. Professor
20	August 2022	Basic Training Course (Hindi Med.)	Same as SL.No8	17 Week	01.08.2022 to 30.08.2022	07.08.2022	(i) Prof (Dr) D. K. Dwivedi (ii) Sh. M. L. Rastogi, Asstt. Professor
21	August 2022	Special Course on Calibration & Maintenance of Std. Balance (Working & secondary)	Same as SL.No.1	1 week	01.08.2022 to 05.08.2022	02.08.2022	(i) Sh. Ashish Kumar Gautam, Mett. Asstt. (ii) Sh. Manish Kumar, Met.Asstt.
22	August 2022	Special Course on Non-Automatic Weighing Instruments	Same as SL.No.1	1 week	22.08.2022 to 26.08.2022	23.08.2022	(i) Prof. Manish Prasad (ii) Sh. Ravi Shankar Singh ,Met.Asstt.
23	September 2022	Special Course for Foreign Officials in Legal Metrology	Officials of legal metrology from developing countries having sufficient knowledge & experience of the subject.	22 Week	01.09.2022 to 31.01.2023	09.09.2022	(i) Prof. B.D .Konar (ii) Prof (Dr) D. K. Dwivedi
24	September 2022	Special Course on Fuel dispenser for Motor Vehicle, LPG Dispenser & CNG Measuring system for Vehicles	Same as SL.No1	1 week	05.09.2022 to 09.09.2022	06.09.2022	(i) Prof. Manish Prasad (ii) Sh. M. L. Rastogi, Asstt. Professor

SL. No.	Month	Name of the Course	Eligibility of the Participant	Duration	Period	Cutoff Date	Programme Officer
25	September 2022	Special Course on the Legal Metrology (Packaged Commodities) Rules, 2011	Same as SL.No.1	1 week	12.09.2022 to 16.09.2022	13.09.2022	(i) Sh. Aditya Prasad, Asstt. Professor (ii) Sh Ashish kumar Gautam, Met. Asstt
26	September 2022	Seminar on Law's relating to Legal Metrology	Same as SL.No.1	2 Days	21.09.2022 To 22.09.2022	N.A.	(i) Prof. B .D. Konar (ii) Prof (Dr) D. K. Dwivedi
27	October 2022	Special Course on mass comparator (Weighing techniques, calibration of weights and uncertainty calculation)	Same as SL.No.1	1 week	10.10.2022 to 14.10.2022	11.10.2022	(i) Prof (Dr) D. K. Dwivedi (ii) Sh. M. L. Rastogi, Asstt. Professor
28	November 2022	Special Course for Manual Assistant in Legal Metrology	Sponsored by the State Govt.	1 Month	01.11.2022 to 30.11.2022	04.11.2022	(i) Sh. M. L. Rastogi, Asstt. Professor (ii) Sh. Ravi Shankar Singh. Met.Asstt
29	November 2022	Special Course on Automatic gravimetric filling Instrument, Discontinuous totalizing automatic weighing Instrument & Bulk meters.	Sane as SL. No. 1	1 Week	21.11.2022 to 25.11.2022	22.11.2022	(i) Sh. Manish Prasad, Prof. (ii) Sh. Manish Kumar, Met. Asstt
30	December 2022	Basic Training Course (Eng. Med.)	Same as SL.No8	17 Week	01.12.2022 to 31.03.2022	08.12.2022	(i) Prof.(Dr) D. K. Dwivedi (ii) Sh. M. L. Rastogi, Asstt. Professor
31	December 2022	Special Course on Calibration of Vertical oil Storage Tank , Vehicle Tank for petroleum product and testing procedure of Water meter(domestic type)	Same as SL.No1	1 Week	05.12.2022 to 09.12.2022	06.12.2022	(i) Prof. Manish Prasad (ii) Sh. Vivek Kumar Pandey, Asstt. Professor
32	December 2022	Special Course for Foreign Officials on Non –Automatic weighing Instruments And Estimation of Uncertainty in Digital Balances	Officials of legal metrology from developing countries having sufficient knowledge & experience of the subject.	02 Week	12.12.2022 to 16.12.2022	13.12.2022	(i) Prof (Dr) D. K. Dwivedi (ii) Prof. Manish Prasad



Visit of respected Additional Secretary Govt. of India, DOCA

FACILITIES PROVIDED AT THE INSTITUTE

The institute provides single room accommodation with necessary amenities to all the participants in its hostel. Mess facility is also available on payment basis. The rates are subsidized and reasonable.