

Indian Institute of Legal Metrology , Ranchi

Introduction

Indian Institute of Legal Metrology Ranchi works under direct control of Department of Consumer Affairs and is established **under the statutory provisions of the Standards of Weights and Measures Act, 1976 and Section 21 of the Legal Metrology Act 2009.**

Institute imparts **free of cost** training to the Legal Metrology officers of Central Govt. / State Govt. / UT's in the field of Legal Metrology (Legal and Technical aspects) which includes Act / Rules and OIML Recommendations.

Institute conducts **mandatory induction training course** (4 month duration) for all LMO's of Central Govt. / State Govt. /UT's before undertaking the enforcement work.

Institute also imparts the training to the officers of foreign countries in the field of Legal Metrology.

Recently Institute has added the training programs for the Industry/GATC/Private Sectors and PSUs dealing with Legal Metrology.

Vision

To be an Institution of excellence, nurturing responsible enforcement officials in the field of Legal Metrology so that the object of ensuring public guarantee from the point of view of security and accuracy of the weighing and measurements is achieved.

Mission

To disseminate knowledge in the field of Legal Metrology to the officers/officials of Central/State Govt and UTs through different training activities and publications.

To raise awareness among various stakeholders of the country related to the field of Legal metrology and consumer protection.

Historical Background

Even prior to the introduction of the Metric system in India, the desirability of establishing a Training Centre for weights and measures was considered essential and eventually several states particularly the Govt. of Maharashtra and Bihar came forward for giving training to their enforcement officials not only for maintaining the uniformity of their standards but also put forth a step ahead for safeguarding the interest of the consumers of the Country. However this is known that, in 1962, the Govt. of Bihar established a separate scheme under the name "All India Training Institute of Weights and Measures" as a centrally sponsored scheme at Patna which was taken over by the Govt. of India in 1970 with all assets and liabilities for proper development. This is also known that the Institute was put initially under German Govt. collaboration and on recommendation of the German experts; the institute was shifted to Ranchi in 1974 with a new name the "Indian Institute of Legal Metrology".

Role/Responsibilities/Functions

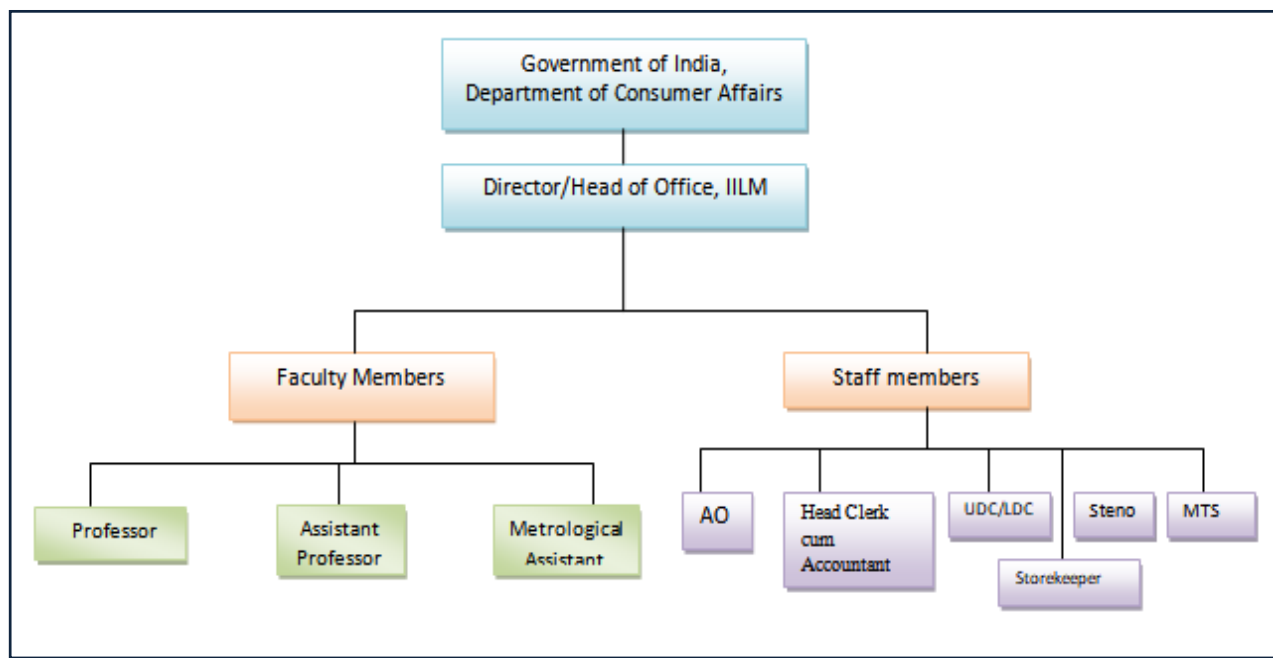
The Institute carries out various functions under the statutory provision of the Indian Institute of Legal Metrology Rules, 2011(**Annexure I**)

The obligatory functions of the Institutes as laid down in the statutory provision of the Indian Institute of Legal Metrology Rules , 2011 are –

With a view to facilitation training, the Institute shall-

- Prepare, print or publish such books, manuals , handbooks, periodicals, instruction sheets, notes , papers or other documents on legal metrology and other branches of knowledge as may be recommended by the Committee;
- Install in its premises such equipment and maintain such laboratories as may, in the opinion of the Director, be necessary for the proper discharge of its functions;
- Prepare and implement 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;
- Prepare schemes for studies with regard to the Institutional legal and administrative framework most conducive to the Proper implementation of the law relating to legal metrology;
- Establish relations and co-operation with any other agency or organisation, whether in India or outside, which may have a useful function in relation to training in legal metrology;
- Establish and maintain a library to encourage study of and research in legal metrology and allied branches of knowledge.

Organization Structure



Legends:

AO- Administrative Officer
UDC- Upper Division Clerk
LDC- Lower Division Clerk
Steno – Stenographer
MTS- Multi-Tasking Staff

Staff Strength

Sl.No.	Name of the post, Group (Gazetted/Non-Gazetted) and level of pay matrix	Number of Post(s)	
		Sanctioned	In Position
1	2	3	4
1.	Director, (Gr.A/Gaz.)L-12, Rs.78800-209200	01	01
2.	Professor, (Gr.A/Gaz.) L-11, Rs.67700-208700	04	03
3.	Assistant Professor, (Gr.A/Gaz.) L-10, Rs.56100-177500	09	03
4.	Administrative Officer, (Gr.B/Gaz) L-8, Rs.47600-151100	01	00
5.	Metrological Assistant, (Gr.B/NG)L-6, 35400-112400	04	03
6.	Stenographer Gr.I,(Gr.C/NG)L-6, Rs.35400-112400	01	Nil
7.	Head Clerk cum Acctt.(Gr.C/NG)L-6, Rs.35400-112400	01	01
8.	Upper Division Clerk, (Gr.C/NG) L-4, Rs.25500-81100	03	01
9.	Stenographer Gr.II, (Gr.C/NG) L-4, Rs.25500-81100	01	01
10.	Lower Division Clerk, (Gr.C/NG) L-2, Rs.19900-63200	01	Nil
11.	Store-Keeper, (Gr.C/NG) L-2 Rs.,19900-63200	01	Nil
12.	Staff Car Driver, (Gr.C/NG) L-2, Rs.19900-63200	01	Nil
13.	Multi Tasking Staff, (Gr.C/NG) L-1, Rs.18000-56900	16	12
	Total	44	25

Faculty members of the Institute

Sl.No	Name	Designation	Email Id
1.	Shri Banshi Dhar Konar	Professor & Head of Office	bdkonar[dot]24[at]gov[dot]in
2.	Dr. Dinesh Kumar Dwivedi	Professor & Vigilance Officer	dr[dot]dineshdwivedi[at]gov[dot]in
3.	Shri Manish Prasad	Professor	manish[dot]prasad[at]gov[dot]in
4.	Shri Aditya Prasad	Assistant Professor	aditya[dot]prasad[at]gov[dot]in
5.	Shri Murari Lal Rastogi	Assistant Professor	m[dot]rastogi[at]gov[dot]in
6.	Shri Vivek Kumar Pandey	Assistant Professor	vkpandey[dot]17[at]gov[dot]in
7.	Shri Ravi Shankar Singh	Metrological Assistant	rs[dot]singh05[at]gov[dot]in
8.	Shri Manish Kumar	Metrological Assistant	manishkumar[dot]24[at]gov[dot]in
9.	Himanshu Sahu	Metrological Assistant	-----

Allocated Budget for the FY 2022 - 2023

Function Head	Object Head	Budget Allocation (Rs.)	Total (Rs.)
Establishment	Domestic Travel Expenses	6,00,000/- (6 Lac)	3,24,000,00/- (3.24 Cr)
Establishment	Machinery and Equipment	2,00,000/- (2 Lac)	
Establishment	Medical Treatment	2,00,000/- (2 Lac)	
Establishment	Minor Works	5,00,000/- (5 Lac)	
Establishment	Office Expenses	48,00,000/- (48 Lac)	
Establishment	Salaries	2,50,000,00 /- (2.5 Cr)	
Establishment	Wages	10,00,000/- (10 Lac)	
Information Technology	Office Expenses	1,00,000/- (1 Lac)	

Training Activities

Institute imparts free of cost training to the Legal Metrology officers of Central Govt. / State Govt. / UT's in the field of Legal Metrology (Legal and Technical aspects) which includes Act / Rules and OIML Recommendations.

Institute conducts mandatory induction training course (4 month duration) for all LMO's of Central Govt. / State Govt. /UT's before undertaking the enforcement work.

Institute also imparts the training to the officers of foreign countries in the field of Legal Metrology.

Recently Institute has added the training programs for the Industry/GATC/Private Sectors and PSUs dealing with Legal Metrology.

The Annual Training Calendar of the Institute is annexed in ***Annexure II.***

The Indian Institute of Legal Metrology Rules, 2011

In exercise of the powers conferred by sub-section (1) read with clause (I) of sub-section (2) of section 52 of the Legal Metrology Act, 2009 (1 of 2010), the Central Government hereby makes the following rules, namely:-

1. Short title and commencement - (1) These rules may be called the Indian Institute of Legal Metrology Rules, 2011.

(2) They shall come into force on the 1st day of March, 2011.

2. Definitions- In these rules, unless the context otherwise required:-

(a) "Act" means the Legal Metrology Act, 2009 (1 of 2010).

(b) "Committee" means the Advisory Committee constituted under rule 7;

(c) "Course" means a course of study in relation to such subjects as may be specified in the regulations;

(d) "Institute" means the Indian Institute of Legal Metrology;

(e) "Director (Indian Institute of Legal Metrology)" means head of the Institute;

(f) "Regulation" means the regulations made by the Central Government under the Act.

3. Courses to be imparted at the Institute-

(1) There shall be imparted at the Institute longterm and short-term training courses in legal metrology and other allied subjects including consumer protection activities.

(2) There shall be such refresher course for specific purpose and for such duration as the Committee may recommend.

4. Obligatory functions of the Institute- With a view to facilitation training, the Institute shall-

(a) prepare, print or publish such books, manuals , handbooks, periodicals, instruction sheets, notes , papers or other documents on legal metrology and other branches of knowledge as may be recommended by the Committee;

(b) install in its premises such equipment and maintain such laboratories as may, in the opinion of the Director, be necessary for the proper discharge of its functions;

(c) prepare and implement 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;

(d) prepare schemes for studies with regard to the Institutional legal and administrative framework most conducive to the proper implementation of the law relating to legal metrology; (e) establish relations and co-operation with any other agency or organisation, whether in India or outside, which may have a useful function in relation to training in legal metrology;

(f) establish and maintain a library to encourage study of and research in legal metrology and allied branches of knowledge.

5. Qualification of persons to be eligible for admission in the Institute.- No person shall be admitted to the Institute unless he satisfies the requirements of any one of the following clauses, namely:-

(a) that he is employed by the Central Government or any State Government in any Department dealing with Legal Metrology and either holds- (i) a degree in Science (with Physics as one of the subjects), technology or engineering, or (ii) a diploma in engineering; and has been sponsored for training at the Institute by the Government by which he is so employed: Provided that the educational qualification is not required in respect of persons who are already employed as legal metrology officers or eligible for promotion to legal metrology officer on the date of commencement of these rules: Provided further that a person so employed holding a degree of a recognised university or equivalent may also be sponsored by the Government by which he is so employed, if such person having been employed by that Government before the commencement of these rules, has acquired experience in legal metrology for a period of not less than two years: Provided that where any other person employed by the State Government is sponsored by that Government, the Central Government may relax the educational qualifications if the person so sponsored has field experience in legal metrology for a period of not less than two years and he is considered by the Central Government to be otherwise suitable for undergoing the course of training.

(b) that he is employed in a country outside India in any department dealing with legal metrology and holds degree or diploma which is equivalent to a degree or diploma specified in clause (a) and has been sponsored by the Government of that Country in which he is so employed: Provided that in the case of a person employed in a country outside India, who is sponsored by the Government of that country, the Central Government may relax the educational qualification if the person so sponsored is considered by the Central Government to be otherwise suitable for undergoing the course of training.

(c) that he is employed in an industrial unit and has passed the examination conducted by the Industrial Training Institute or an equivalent examination or holds a degree or diploma specified in clause (a) and has been sponsored by the industrial unit in which he is so employed.

(d) that he is connected with consumer protection activities.

6. Regulation of admission to the Institute - The admission to the various courses, run by the Institute shall be made by the Director, from amongst the eligible candidates on the basis of the length of experience in the field of legal metrology.

7. Advisory Committee- (1) The Central Government shall constitute an advisory Committee for advising it in relation to the functions and development of the Institute or in relation to such other matters concerning the Institute as that Government may consider necessary to refer to the Committee.

(2) The Central Government may constitute an advisory committee which shall consist of not less than 13 and not more than 15 members having experience in metrology, law or public administration.

(3) The traveling and other expenses of the members of the committee for attending any meeting thereof shall be regulated in accordance with such rules, made by the central Government or, as the case may be, the State Government which are in force for the time being, in relation to such matters and shall be borne by the authority on whose behalf or at whose instance, the members concerned are attending the meeting.

(4) Save as otherwise provided in sub-rule (2), the term of the office of the members of the Committee shall be three years: Provided that a member may be re-nominated for a like period by the authority competent to

nominate him under this rule: Provided further that if the Committee is not reconstituted after the expiry of the term of office, the term of office of its members shall stand extended for one year or until the Committee is duly reconstituted under this rule, whichever is earlier.

(5) The Committee may constitute such working groups, as it may think fit to consider such matters as may be entrusted to such working groups.

(6) The Director shall be the convener of each working group and shall be an ex-office member of each such working groups.

(7) The Director shall provide secretarial assistance to the Committee and also to any working group constituted by the Committee. 8. Power of Institute to grant certificate, diplomas - The Institute may award such certificate of proficiency or diploma to the person who has successfully completed the training at the Institute, as the Committee may recommend.

9. Fees - The Institute may charge such fees, as may be approved, by an order by the Central Government in this regard, for the services rendered by it in imparting various courses.

10. Repeal and savings:- (1) The Indian Institute of Legal Metrology Rules, 1980 (herein under referred to as the said rules) are hereby repealed. Provided that such repeal shall not affect: (a) the previous operations of the said rules or anything done or omitted to be done or suffered therein; or (b) any right, privilege, obligation or liability acquired, accrued or incurred under the said rules; or (c) any penalty, forfeiture or punishment incurred in respect of any offence committed against the said rules; or (d) any investigation, legal proceedings or remedy in respect of any such right, privilege, obligation, liability, penalty, forfeiture or punishment as aforesaid. And any such investigation, legal proceedings or remedy may be instituted, continued or enforced and any such penalty, forfeiture or punishment may be imposed as if the said rules had not been rescinded.

(2) Notwithstanding such repeal anything done or any action taken or purported to have been done or taken including approval of letter, exemption granted, fees collected, any adjudication, enquiry or investigation commenced, or show cause notice, decision, determination, approval, authorisation issued, given or done under the said rules shall if in force at the commencement of the said rules continue to be in force and have effect as if issued, given or done under the corresponding provisions of these rules.

(3) The provisions of these rules shall apply to any application made to the Central Government or as the case may be the State Government under the said rules for training and relaxation pending at the commencement of these rules and to any proceedings consequent thereon and to any approval granted in pursuance thereof.

(4) Any legal proceeding pending in any court under the said rules at the commencement of these rules may be continued in that court as if these rules had not been framed.

(5) Any appeal preferred to the Central Government or as the case may be the State Government under the said rules and pending shall be deemed to have been made under the corresponding provisions of these rules.

Annexure II**Annual Training Calendar 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 ILM Rules, 2011. For others (Industrial Persons, Persons connected with Consumer Protection activities, etc) fulfilling Sub Rule (b) ,(c), (d) of the Rule (5) of ILM 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	Same as SL.No.1	1 week	21.03.2022 to	22.01.2022	(i) Sh. Aditya Prasad, Asstt. Professor (ii) Sh. Vivek Kumar Pandey,

		Commodities) Rules, 2011			25.03.2022		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	01.04.2021 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
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 30.11.2022	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
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	Seminar on Law's	Same as SL.No.1	2 Days	21.09.2022	N.A.	(i) Prof. B .D. Konar

	2022	relating to Legal Metrology			To 22.09.2022		(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.	Same 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