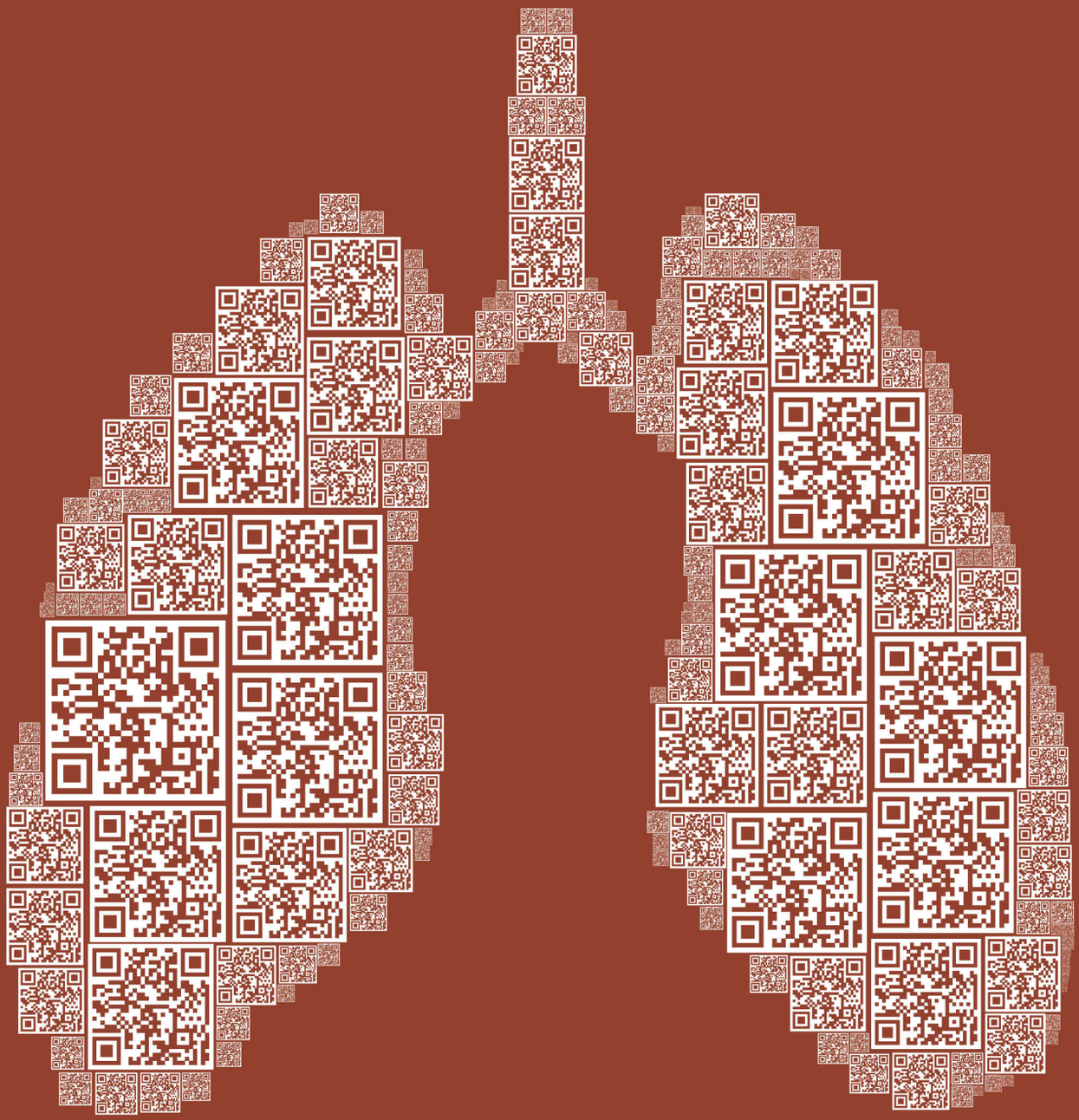
सत्यमेव जयते

newsletter

National Dope Testing Laboratory

VOL 6 | ISSUE 1 | NOVEMBER, 2026



Pure Breath Pure Sports

PROMOTING ANTI - DOPING SCIENCE & RESEARCH

Published by: National Dope Testing Laboratory, Government of India

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From the desk of the Director



The National Dope Testing Laboratory (NDTL), New Delhi, is a premier scientific institute and a World Anti-Doping Agency (WADA)-accredited laboratory for human sports dope testing and allied research. Over the past 17 years, NDTL has played a vital role in preventing doping, addressing the lack of awareness among sportspersons regarding supplements and inadvertent doping, while advancing anti-doping science through state-of-the-art infrastructure, instrumentation, and research. The laboratory has strengthened sports integrity, particularly across the Global South, through collaborations with CSIR-IIIM Jammu, NIPERs, NFSUs, and DPSRU, New Delhi, for the development of reference materials in line with India's self-reliance initiatives. A major achievement during the year was the establishment of India's WADA-approved Athlete Passport Management Unit (APMU), enabling long-term monitoring of athletes through the Athlete Biological Passport (ABP) system to detect doping patterns and promote fair, transparent sports. NDTL scientists actively share knowledge with other WADA-accredited laboratories while fostering excellence, innovation, integrity, collaboration, and pioneering research under the guidance of the Director & CEO. The laboratory also provides training opportunities for students, faculty, and scientists to enhance expertise in anti-doping science and support national and international laboratories in meeting WADA International Standard for Laboratories requirements, while acknowledging the continued support of the Government of India, Governing Body, General Body, Scientific Advisory Board, Ethics Committee, and Finance Committee in achieving these milestones.

Dr. P. L. SAHU
Director
NDTL

Introduction

The National Dope Testing Laboratory (NDTL), established in October 2008 as an autonomous body under the Government of India and registered under the Societies Registration Act, 1860. The Laboratory was created as an independent national anti-doping testing laboratory to ensure transparency, impartiality, and scientific integrity in athlete sample testing and test result management. NDTL is accredited by both the National Accreditation Board for Testing and Calibration Laboratories (NABL) under ISO/IEC 17025:2017 and WADA for testing athlete urine and blood samples. As India's premier anti-doping laboratory and one of the few WADA-accredited laboratories in Asia, NDTL is equipped with advanced analytical instruments, including LC-Orbitrap-HRMS, LC-MS/MS, GC-MS/MS, GC/C/IRMS, and IMMULITE® 2000 XPi, for detecting prohibited substances and methods in sports. Beyond routine dope testing, it conducts research in emerging anti-doping science, collaborates with national and international scientific organizations, and promotes innovation through research and training. In December 2024, NDTL became a WADA-approved Athlete Passport Management Unit (APMU), making India one of the few countries with this capability, while maintaining its WADA accreditation through annual ISLs compliance assessments, successful participation in external quality assurance and proficiency testing programmes, and demonstrated high technical competence.

Objectives

The National Dope Testing Laboratory functions as an independent scientific and technical institution with the objective of strengthening India's anti-doping ecosystem in accordance with international standards. The major objectives of NDTL are as follows:

1. To establish, maintain, and continually strengthen a WADA-accredited Dope Control Laboratory in India in compliance with international standards and best practices.
2. To conduct the analysis of in-competition and out-of-competition dope control samples collected from sportspersons.
3. To maintain robust quality management systems in accordance with ISO/IEC 17025:2017 and the latest International Standards for Laboratories (ISL) prescribed by WADA.
4. To promote and undertake advanced research in anti-doping science, analytical methodologies, biological passport programmes, and allied scientific disciplines.
5. To collaborate and cooperate with national and international anti-doping organizations, laboratories, research institutions, and regulatory agencies for scientific advancement and exchange of technical expertise.
6. To encourage reciprocal testing, scientific cooperation, and harmonization of anti-doping practices among accredited laboratories and anti-doping organizations.
7. To organize and support training programmes, workshops, scientific interactions, and capacity-building initiatives for scientists, dope control personnel, students, and other stakeholders.
8. To develop and implement procedures, protocols, and operational systems in accordance with WADA standards and evolving global anti-doping requirements.
9. To strengthen institutional capabilities through innovation, research partnerships, technical upgradation, and adoption of emerging analytical technologies.
10. To undertake all activities incidental or conducive to achieving the objectives of NDTL and advancing clean sport initiatives in India and internationally.

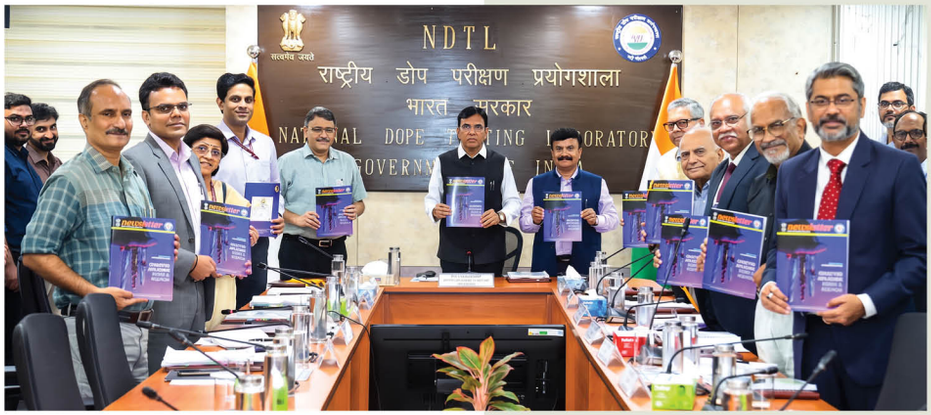
Release of Reference Material



In General Body Meeting held on 04.09.2025, Union Minister for Youth Affairs & Sports and Labour & Employment, Dr. Mansukh Mandaviya launched an indigenous Chemical Reference Material - Methandienone Long-Term Metabolite (LTM) at the National Dope Testing Laboratory (NDTL), New Delhi. Developed jointly by NDTL, New Delhi and NIPER Guwahati, this essential chemical standard for anti-doping analysis in all WADA-accredited laboratories marks a significant achievement under the Atmanirbhar Bharat initiative. The Reference Material will be shared with WADA-accredited laboratories worldwide, highlighting India's contribution to anti-doping science, clean sport, scientific integrity, and global knowledge sharing.

Release of Newsletter 2025

On the same occasion on 04.09.2025, the Union Minister for Youth Affairs & Sports and Labour & Employment, Dr. Mansukh Mandaviya, also unveiled the latest edition of NDTL's Newsletter, Volume 5, which captures the body's recent scientific achievements, strategic collaborations, and its expanding role in global anti-doping efforts.



Major support to Dope control Sample Analysis

DopeDope Control Sample Analysis Support for World Para Athletics Championships The World Para Athletics Championships 2025 were organized in New Delhi, India, from 25.09.2025 to 05.10.2025. Approximately 400 urine and blood samples were received at NDTL, and the analysis was completed within 48 hours to support the event on time.

Dope Control sample analysis support for CWG.

The Laboratory received more than 150 samples, including both blood and urine specimens, for the purpose of the Commonwealth Games, Glasgow, Scotland, from July 23 to August 2, 2026. All samples were analyzed within 48 hours of receipt, and the results were submitted to ADAMS within the required timeframe.


Accredited Laboratory

This is to certify that

National Dope Testing Laboratory (NDTL)

fulfills the requirements of the World Anti-Doping Code and of the International Standard for Laboratories of the World Anti-Doping Agency, and is authorized to conduct doping control analyses for the period covering

January 1st, 2026 to December 31st, 2026

Witold Bańka - WADA President

Accreditation & Recognition

Renewal of World Anti-Doping Agency Accreditation for 2026. WADA Accreditation was renewed for the year 2026. NDTL maintained its accreditation by fulfilling the International Standards for Laboratories (ISL), including stringent rules, guidelines and regulations like Technical Letters (TLs), Technical Notes (TNs), Technical Documents (TDs), etc. WADA evaluates laboratory performance every year through proficiency testing conducted by WADA anti-doping laboratories worldwide as part of the WADA External Quality Assessment Scheme (EQAS).

Certificate of Appreciation from UNESCO

The Director received a Certificate of Appreciation from the Secretariat of the International Convention against Doping in Sport, UNESCO for the contributions as a member of the Global Task Force on Traditional Pharmacopoeia and Sport Values, Ethics, and Integrity. This recognition reflects a shared commitment to advancing the ethical use of traditional pharmacopoeia and promoting integrity in sport at the global level. The initiative bridges scientific understanding, cultural knowledge, and policy dialogue to strengthen clean sport worldwide.


unesco
Anti-Doping Convention

CERTIFICATE OF APPRECIATION

The Secretariat of the International Convention against Doping in Sport

presents this certificate to

Prof. Puran Lal Sahu

in recognition of your dedication and invaluable contributions as a member of the

Global Task Force on Traditional Pharmacopoeia and Sport Values, Ethics and Integrity (2024-2025)

Issued: 20 October 2025

Mr Marcellin Dally
Executive Secretary
International Convention against Doping in Sport
Chief of Section for the Elimination of Doping in Sport

Dr Reema Alhosani
Global Coordinator
Global Task Force of Traditional Pharmacopoeia and Sport Values, Ethics and Integrity

ISO 17025 Reassessment Audit & inclusion of new method of analysis in scope

The National Dope Testing Laboratory (NDTL) successfully renewed its NABL accreditation under ISO/IEC 17025:2017 for the period from 23.04.2026 to 22.04.2030. The reassessment also resulted in the inclusion of two new analytical methods in the accreditation scope: (i) Boldenone and its metabolite confirmation analysis by GC/C/IRMS and (ii) multiclass prohibited substance analysis in the Dried Blood Spot (DBS) matrix.


National Accreditation Board for Testing and Calibration Laboratories

NABL

CERTIFICATE OF ACCREDITATION

NATIONAL DOPE TESTING LABORATORY (NDTL)

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

"General Requirements for the Competence of Testing & Calibration Laboratories"

for its facilities at

JAWAHARLAL NEHRU STADIUM COMPLEX, EAST GATE NO. 10, LODHI ROAD, NEW DELHI, DELHI, INDIA

in the field of

TESTING

Certificate Number: TC-7216

Issue Date: 23/04/2026 Valid Until: 22/04/2030

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.
(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Entity: NATIONAL DOPE TESTING LABORATORY

Signed for and on behalf of NABL

Anuja Anand
Director

Dr. Ramanand N. Shukla
Chief Executive Officer



Swachh Bharat Pakhwada Award 2025

NDTL has been awarded the First Prize for the Swachh Bharat Pakhwada Award 2025 on October 28, 2025, reflecting the organization's continued commitment to cleanliness, hygiene, and a healthy work environment. This achievement reflects the collective efforts and active participation of all employees in maintaining a high standard of workplace sanitation and contributing positively to the national Swachh Bharat initiative.

First Prize in Government

Achievements & Scheme Expo-2025

NDTL participated in the Government Achievement Expo-2025 from 21–23 June 2025 at Pragati Maidan. NDTL received the First Prize among more than 100 government organizations, including NTPC, CSIR, IIT, DST, DBT, and various other departments. The participation provided an enriching platform for sharing innovative research and discoveries with the public and enabled community awareness.



Research Workshops

Participated in Cologne Workshop, German Sport University:

The NDTL Director participated in the International Forum on "Clean Sport in Action" organized by WAADS, ITA, and iNADO in Lausanne (23–24 April 2026), promoting fair and transparent sport with global stakeholders. The Director also attended the APMU Workshop (26 April 2026) and, along with two scientists, the 44th MDI Workshop in Cologne (26–30 April 2026), focusing on Athlete Biological Passport monitoring, scientific advancements, case studies, and presenting NDTL's latest research through a poster presentation. These engagements strengthened scientific exchange, capacity building, international collaboration, research, innovation, and NDTL's commitment to safeguarding the integrity of sport.

Workshop on Developing a

Biomedical Research Proposal

Workshop on "Developing a Biomedical Research Proposal" was organized by ICMR at NDTL on 27th May 2025. The ICMR Scientists provided lectures and presentations on Developing a Biomedical Research Proposal, Research Design and various Sampling, Formulation of Research Questions, Formulation of study objectives, and Preparation of research budget and funding opportunities at ICMR. Scientists from NDTL and NCSSR & Sports Authority of India (SAI) participated in the workshop.



Workshop-cum-Training on Writing Research Project and Manuscript for Publication

Workshop on "Writing Research Project and Manuscripts for Publication" was conducted by Prof. Y. K. Gupta on 02nd June 2025 at NDTL. The professor provided lectures and presentations on various points related to writing project proposals and manuscripts. All the scientists and technical staff members received exposure to knowledge about writing project proposals and manuscripts.



Brainstorming Meeting with Regional Centre

NDTL organized, for the very first time, a Brainstorming Meeting with the Regional Centre for Biotechnology (RCB), Faridabad and the Centre for DNA Fingerprinting and Diagnostics (CDFD), Hyderabad on 19th August 2025 at NDTL. The purpose of this meeting was to deliberate on the establishment of a Centre of Excellence in collaboration with these esteemed institutions. All the regular employees participated and received scientific advancement in the biological section especially in the field of Gene Doping. Three scientists were nominated for the future prospects of Centre of Excellence in collaboration with the two organizations.



2nd Asia Association of Anti-Doping Scientists

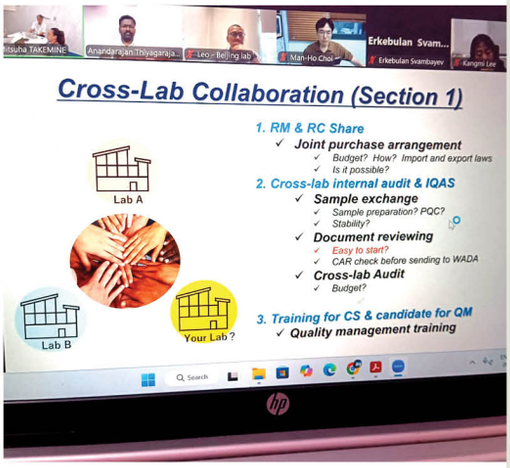
(AAADS), Workshop at Tokyo, Japan

The Asia Association of Anti-Doping Scientists (AAADS) was established in 2024 to enhance collaboration among Asian anti-doping scientists and improve Asia's representation, which has only 6 of the 29 WADA-accredited laboratories. The 2nd AAADS Workshop, held in Tokyo, Japan (9–10 July), was attended by Dr. Tarun Handa, Scientist-D, representing NDTL, where current laboratory practices and challenges of the mandatory WADA Internal Quality Assessment Scheme (IQAS) were discussed.



Asia Association of Anti-Doping Scientists (AADS) Zoom Meeting

The Asia Association of Anti-Doping Scientists (AAADS), established in 2024 to promote collaboration among anti-doping scientists in Asia, organized a Zoom meeting on 09.09.2025 through the LSI Medicine Corporation Anti-Doping Laboratory, Tokyo, Japan. The Director and QA section of NDTL participated, with discussions covering IQAS cross-laboratory collaboration, reference material exchange, file transfer, and a survey on key IQAS challenges faced by anti-doping laboratories in Asia.



Research Publication(s)

1. Gyan Vardhan, Vikas Kumar, Anuj Prakash, Chahat Choudhary, Ashish Kumar, Puran Lal Sahu, Shailendra Handu, Puneet Dhamija: Simultaneous separation and quantification of pomalidomide chiral impurity using reversed-phase ultra-high-performance liquid chromatography method, Indian J Physiol Pharmacol. doi: 10.25259/IJPP_88_2024

2. Tusha Tripathi, Kamna Sharma, Awanish Upadhyay, Ashok Singh, Puran Lal Sahu, Tarun Handa, Meghna Choudhary, and Bikash Medhi. "Separation of mephentermine from other structural analogues of phenethylamine and amphetamine in biological matrices using liquid chromatography–tandem mass spectrometry." Journal of Pharmaceutical and Biomedical Analysis (2025): 117328. doi: 10.1016/j.jpba.2025.117328

3. Kamna Sharma, Tusha Tripathi, Awanish Upadhyay, Puran Lal Sahu and Tarun Handa. "Development and Validation of a Confirmatory Method for 4-Chlorophenoxyacetic Acid and for Monitoring the Stability of Meclofenoxate in Urine Using Liquid Chromatography-Tandem Mass Spectrometry." Separation Science Plus, 2026. doi: 10.1002/sscp.70206

Poster presentations:

1. In vitro Investigation of Masking Efficiency of Various Cyclodextrins on Doping Substances and Alteration on Steroid Profile Pallerla P, Soni A, Vijendra Sharma A, Sahu PL: Manfred Donike Workshop, 43rd Cologne Workshop on Dope Analysis, 17.02.-20.02.2025

2. Sensitive and comprehensive method for small peptides detection by LC-MS/MS Handa T, Bhardwaj A, Sharma K, Upadhyay AK, Singh A, Sahu PL: Manfred Donike Workshop, 43rd Cologne Workshop on Dope Analysis, 17.02.-20.02.2025



MoU with Delhi Pharmaceutical

Sciences and Research University



The National Dope Testing Laboratory (NDTL) and Delhi Pharmaceutical Sciences and Research University (DPSRU) signed a strategic Memorandum of Understanding (MoU) on 26 August 2025 during the International Conference on Recent Advances in Molecular and Translational Research in MASLD at DPSRU, New Delhi. The collaboration promotes joint research, academic exchange, and capacity building in sports pharmacology and analytical sciences. At the signing ceremony, Prof. (Dr.) P. L. Sahu, Director & CEO (I/c) of NDTL, stated that the partnership integrates cutting-edge science with education to strengthen India's global anti-doping efforts, while Prof. Ravichandiran V., Vice Chancellor of DPSRU, highlighted its role in developing future scientists and professionals committed to fair play and scientific excellence.

NDTL Sign MoU with Jamia Hamdard University

National Dope Testing Laboratory (NDTL) signed a Memorandum of Understanding (MoU) on 12.05.2026 with Jamia Hamdard University to strengthen academic and research collaboration in the fields of sports science, anti-doping research, analytical testing, and capacity building. The partnership aims to promote joint research initiatives, knowledge exchange, training programs, and skill development opportunities for students and professionals. This collaboration is expected to enhance scientific innovation and contribute significantly towards advancing anti-doping education and research in India.



NDTL Sign MoU with SGT University



The National Dope Testing Laboratory (NDTL) and the SGT University have signed a Memorandum of Understanding (MoU) on 03.06.2026 to advance collaborative research, scientific training, and human resource development in the rapidly evolving field of anti-doping science. The MoU will support joint initiatives in areas including advanced analytical methodologies, development of reference materials, gene doping detection approaches, toxicology, and capacity building for future scientific professionals. As one of the world's WADA-accredited anti-doping laboratories, NDTL continues to play a critical role in promoting clean sport and advancing analytical science at both national and international levels.

Audit and Assessment

WADA External Quality Assurance Scheme Assessment (EQAS)

WADA EQAS Proficiency Testing (multiple rounds)

Every year WADA sends PT samples to evaluate the performance of the laboratory. WADA EQAS blind & double-blind urine samples were received and analysed in multiple rounds throughout the year. All the EQAS PT samples were analysed successfully and submitted results on time in to the ADAMS. All the results were satisfactory. Based on the performance of the EQAS 2025 results.

CSCQ Blood Proficiency Testing (multiple rounds)

Every month WADA CSCQ sends blood samples to NDTL for evaluation of the performance of the laboratory. Two blood samples from CSCQ were received and analysed each month. Performance reports were satisfactory for all months across the reporting period.

Internal Quality Assessment Scheme (iQAS)

The Quality Department issued 5 blind samples each month to assess the Laboratory performance of routine analytical activities. The Laboratory performance results of iQAS were satisfactory for all months across the reporting period (April 2025 through June 2026). The analyses of current month iQAS samples were under progress each month while the previous month results were reported satisfactory.

NABL ISO/ IEC 17025:2017 Renewal Assessment Audit

A NABL ISO/IEC 17025:2017 renewal assessment audit was conducted at NDTL on 28.02.2026 and 01.03.2026. The concerned staff provided the required support throughout the audit, which was completed as scheduled.





3467 UMESH KUMAR SECURITY AGENCY
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UK

★ A Proud member of CAPSI ★ Ex-DGR Agency ★ ISO Certified

CERTIFICATE OF COMPLETION

Fire Fighting Training

Awarded to

National Dope Testing Laboratory (NDTL)

This certificate is presented to [Recipient Name] for successfully completing the Fire Fighting Training program on May 26, 2025, at 12:00 PM, at NDTL Building, JN Stadium Complex, East Gate No. 10, Lodhi Road, New Delhi 110003, India. The training, conducted by 3467 Umesh Kumar Security Agency, covered:

- Fire prevention and hazard identification
- Use of fire extinguishers and equipment
- Emergency evacuation procedures
- Safe handling of hazardous materials
- Incident response and coordination

Training Details

- **Date**: May 26, 2025
- **Time**: 12:00 PM
- **Location**: NDTL Building, JN Stadium Complex, East Gate No. 10, Lodhi Road, New Delhi 110003
- **Trainer**: Ramakrushna Sahoo
- **Duration**: 1 Hour

Certification

The recipient has demonstrated competency in fire fighting skills relevant to the NDTL site and is prepared to respond effectively to fire-related emergencies.

For 3467 UMESH KUMAR SECURITY AGENCY
Proprietor

Authorized Signatory
3467 Umesh Kumar Security agency

3467 UMESH KUMAR SECURITY AGENCY ★ DELHI

Ramakrushna Sahoo
Trainer
3467 Umesh Kumar Security agency

Issued on: May 27, 2025 Certificate Number: NDTL-FF-2025-001

Firefighting

Workshop and Training

Firefighting training was conducted at NDTL on 26.05.2025 by Mr. Ramakrushna Sahoo from Umesh Kumar Security Agency, New Delhi. All NDTL staff members and security guards participated successfully, with several volunteers receiving hands-on firefighting training. The agency explained the causes of fire, fire safety measures for personnel and the office, and the use of firefighting equipment to control fires. NDTL was awarded a certificate for successfully conducting the training.

Anti-Doping Workshop by

National Sports University



The National Sports University organized a one-day workshop, "Doping in Sports: Ethics and Regulation," at Khuman Lampak Sports Complex, Imphal, on 9 October 2025 to educate students on the ethical, regulatory, and health aspects of doping. The Director of NDTL emphasized scientific testing, awareness, and compliance with anti-doping regulations, while Vice Chancellor (O) Dr. Shyam Sundar Rath highlighted the importance of doping awareness for sports students and traced the evolution of anti-doping regulations through the 1954 World Championship and 1960 Rome Olympics, emphasizing the global commitment to clean sport.



Hindi Workshop

Hindi Workshop was organized at NDTL on 23 December 2025 in which all officers and staff members actively participated. Sh. Chandan Kumar Singh, Hindi Officer, Welcomed Dr. K.K Singh, Library & Information Officer, IPC, Ghaziabad on behalf of NDTL. Dr. K.K Singh discussed various strategies of working in Hindi language and explained with various examples. The overall program was conducive to the NDTL staff for working with Hindi language in terms of noting and drafting.

Participation in Government

Achievements & Scheme Expo 2025

The NDTL participated in the Government Achievement Expo-2025 from 21–23 June 2025 at Pragati Maidan. NDTL's participation provided an enriching platform for sharing innovative research and discoveries with the public and community awareness. Technical & Scientific staff showcased their work and engaged with fellow scientists, researchers, and the public. NDTL received the First Prize among more than 100 government organizations participating in the Expo-2025.

Participation in North East Science and Technology and

Industrial Expo 2025

NDTL participated in the NORTH EAST SCIENCE & TECHNOLOGY AND INDUSTRIAL EXPO (NESTI) from 27.10.2025 to 30.10.2025 at NEHU, Shillong, Meghalaya with four officials. This platform enabled networking regarding collaborative research and awareness among people in the north-east region. There was participation of 75 Departments from 25 Central Ministries and 10 State Governments, with a total of 250 stalls; more than 1.25 Lakhs people including students, research scholars, youth, entrepreneurs visited the Expo. NDTL received a Participation certificate and memento.

Participation in USADA Annual Symposium

The Director, NDTL attended the 24th Annual USADA Symposium held on 26–28 September 2025 in Atlanta, USA; a dynamic forum where global leaders in anti-doping came together to advance integrity, fairness, and scientific excellence in Sports.





Participation in World Conference on Doping in Sport

On behalf of NDTL, Dr. P. L. Shau, Director, and Dr. Kapendra Sahu, Scientist C, participated in the 2025 World Conference on Doping in Sport held in Busan, Republic of Korea, from 1–5 December 2025. Organized by WADA, KADA, and the Busan Metropolitan Government, the conference brought together over 1,500 delegates from 191 countries, resulting in the adoption of the 2027 World Anti-Doping Code and the Busan Declaration. During the event, the Director met WADA President Sh. Witold Banka to discuss the status of anti-doping science in India. The conference also served as an important platform for discussions on the WADA Code, International Standards, advanced detection technologies, laboratory harmonization, and ethical governance.



CRCL–US DEA Forensic Chemist Workshop 2026

NDTL hosted participants of the Second CRCL–US DEA Forensic Chemist Workshop 2026 on 19 March 2026. The visit included national and international experts from the United States DEA, NFSU, CFSLs, State FSLs, CRCL, and Customs Laboratories. The interaction provided a platform for discussions on anti-doping science, emerging analytical approaches, and challenges in detection of prohibited substances and synthetic drugs.

Important Meetings

Governing/General Body Meetings

The 21st & 22nd 23rd Governing Body Meetings were held under the Chairmanship of Hon'ble Union Minister of Youth Affairs & Sports and Labour & Employment, Dr. Mansukh Mandaviya at the Conference Hall of NDTL on 17th April 2025 and 04th September 2025. Various proposals were presented, discussed and all were approved by the Minister. The 23rd Governing Body Meeting and the 17th General Body Meeting of the National Dope Testing Laboratory (NDTL) were successfully conducted on 25 June 2026. The meetings reviewed the laboratory's administrative, scientific, and financial progress, along with major achievements during the reporting period.

During the meeting, Dr. Mandaviya deliberated extensively on the newly formulated Extramural Grant Policy, aimed at promoting cutting-edge research in anti-doping science.

Dr. Mandaviya also reviewed the progress of activities undertaken by the laboratory through the Athlete Passport Management Unit (APMU), which was inaugurated by him at NDTL in April this year. He emphasized the need to expand the scope of the programme by facilitating Athlete Biological Passport (ABP) management services for neighbouring countries, with the vision of establishing India as a regional hub for Athlete Biological Passport management in the coming years.





11th Scientific Advisory Board Meeting



The 11th Scientific Advisory Board meeting was held under the chairmanship of Dr. S. K. Raza, Former Director, IPFT, Gurgaon at NDTL conference Hall on 11th November 2025. Dr. Okano Masato, Director, Anti-Doping Laboratory, Tokyo, Japan also participated in the meeting and all other members attended by virtual mode. During this meeting discussion was held for strengthening anti-doping cooperation and scientific collaboration to promote clean and fair sport globally.



WADA Laboratory

Director Meeting at Rome

Director & CEO (I/c), NDTL, attended the WADA Laboratory Director Meeting held on 16–17 June 2025 in Rome, Italy. The meeting emphasised updates to the ISLs review process and various Technical Documents that will come into effect from 01.01.2027. WADA deliberated that on-site assessments will be conducted for each laboratory every four years. NDTL may be assessed in 2026 or 2027.





Laboratory Directors Meeting at Montreal Canada

Every year, directors of all WADA-accredited laboratories meet at the WADA Laboratory Directors' Meeting to discuss key issues, emerging challenges, scientific advancements, laboratory operations, accreditation requirements, global anti-doping strategies, and future initiatives to strengthen the worldwide anti-doping system. This year, the meeting was held in June in Montreal, Canada, where the Director of the National Dope Testing Laboratory (NDTL), India, participated and represented India's anti-doping programme.

Training Imparted to

DCO / BCO of National Anti-Doping Agency



As per the request received from NADA, training was provided at NADA by Dr. Ashok Kumar Maurya, Scientist C, NDTL, to NADA's DCOs/BCOs on 28 August 2025 and 14 October 2025. During this training, a total of 24 and 14 participants, respectively, received training on observations/ non-conformities/irregularities noticed in dope samples (human urine and blood samples), as per WADA guidelines.

Training to Dope control Officer (DCO) /Blood Collection Officer(BCO) on

Non-Conformities During Sample Collection

A scientist from NDTL delivered an expert talk on "Non-conformities/Irregularities Observed during Sample Collection" on 28 November 2025 at the National Anti-Doping Agency (NADA). The session was conducted for Blood Collection Officers/Dope Control Officers/Sample Collection Personnel (SCPs), with the participation of approximately 14 Sample Collection Personnel (SCPs). The training focused on commonly observed non-conformities during sample collection, their impact on laboratory analysis, and best practices to minimise errors and ensure compliance with established protocols.

Training on Laboratory Quality Management System

ISO/IEC 17025:2017 is a mandatory requirement for the Laboratory Management System and the primary standard for testing laboratory accreditation. To fulfil the internal audit requirement, NDTL scientists must complete a 4-day training programme on the Laboratory Quality Management System and Internal Audit as per ISO/IEC 17025:2017. Accordingly, Dr. Kapendra Sahu, Scientist C, and Sh. Awanish Kumar Upadhyay, Scientist C, successfully completed this training at NITs, Noida, from 08.07.2025 to 11.07.2025.



Quality Manager Refresher Training

Dr. Anandarajan T, Scientist B and Quality Manager, was nominated to participate in the Quality Manager Training (Gunvatta Pathshala) organised by NABL for Quality Managers in Delhi from 28.07.2025 to 29.07.2025 at ISID, Delhi. He successfully completed the training and received updates on the Laboratory Quality Management System and Internal Audit as per ISO/IEC 17025:2017.

Training-cum-Workshop at Central Revenue Control Laboratory

On behalf of NDTL, Sh. Awanish Kumar Upadhyay, Scientist C, attended the training-cum-workshop programme at the Central Revenue Control Laboratory, New Delhi, along with the U.S. DEA Forensic Chemist Workshop (11–14 Aug 2025). He successfully completed the training and received a certificate.



Training for MD (Sports Medicine)

Students from Safdarjung Hospital

Five MD (Sports Medicine) students from the Sports Injury Centre (SIC), VMMC & Safdarjung Hospital, successfully completed a five-day training programme in Anti-Doping Science and Practices at NDTL. The training was conducted from 24.11.2025 to 28.11.2025. The programme provided structured exposure to the principles of anti-doping, laboratory workflows, sample handling procedures, analytical techniques, quality assurance systems, and the role of accredited laboratories in global anti-doping efforts.



Training for MD (Sports Medicine) Student from Regional Institute of Medical Sciences

One MD (Sports Medicine) student from the Regional Institute of Medical Sciences, Imphal, successfully completed a five-day training programme in Anti-Doping Science and Practices at NDTL. The training was conducted from 01.12.2025 to 05.12.2025. The programme provided structured exposure to the principles of anti-doping, laboratory workflows, sample handling procedures, analytical techniques, quality assurance systems, and the role of accredited laboratories in global anti-doping efforts.





Veterinary Officers Training from RVC Centre and College

Nine senior veterinary officers from the National Diploma in Equine Husbandry, Medicine and Surgery programme at RVC Centre and College, Meerut Cantt, under the aegis of the Indian Veterinary Research Institute, Izatnagar, Bareilly, visited NDTL on 06.01.2026 for a one-day training programme. The visit included detailed orientation sessions on routine laboratory practices and procedures followed at NDTL, providing participants with practical insights into anti-doping science and analytical methodologies.

Rashtriya Karmayogi Large Scale Jan Seva Training Program

On 06.08.2025, a training session on the Rashtriya Karmayogi Large Scale Jan Seva Training Programme (Mission Karmayogi) was held at the Conference Hall, First Floor, NDTL, for officers and officials of NDTL and NADA. Conducted by Dr. P. L. Sahu, Director & CEO (I/c), NDTL, and Shri B. J. Verma, Scientific Officer, NADA, the session covered the objectives of Mission Karmayogi, focusing on work culture, capacity building, and professional conduct. All participants were onboarded to the iGOT Platform, completed the prescribed training modules, and enhanced their understanding of Mission Karmayogi's role in improving competency, efficiency, and a citizen-centric work culture in government organisations.







Training of MBBS Doctors at NDTL

The laboratory imparted two days of exposure and training in dope testing on 20.04.2026 and 21.04.2026 to Maj (Dr.) Priyaa and Sqn Ldr (Dr.) Sakthimurugan. R, Junior Residents of MD Sports Medicine (Batch 2023–26) from the Armed Forces Medical College, Pune-40. During this training, all the laboratory scientific staff explained the routine activities of anti-doping practices.



Training Programme on Good Clinical Practice (GCP)

and New Drugs & Clinical Trials Rules, 2019

A training programme on Good Clinical Practice (GCP) and the New Drugs & Clinical Trials Rules, 2019, was held on 3 June 2026 in the 2nd Floor Conference Hall for all regular scientific staff. The session covered GCP principles, regulatory requirements, investigator and sponsor responsibilities, informed consent, participant safety, data integrity, documentation, and compliance with national guidelines. It enhanced awareness of ethical and scientific quality standards and current regulatory frameworks, and reinforced NDTL's commitment to quality, ethics, and regulatory compliance.





National Sports Day

India observes National Sports Day annually on 29 August, commemorating the birth anniversary of Major Dhyan Chand. This year, Sports Day was celebrated at JLN Stadium. On the occasion, the Hon'ble Union Minister of Labour & Employment, Youth Affairs and Sports, Dr. Mansukh Mandaviya, paid a floral tribute to Major Dhyan Chand at the Major Dhyan Chand National Stadium in New Delhi. On behalf of NDTL, many scientists and technical staff members successfully participated in various Sports Day events and received seven medals.

Hindi Utsav

As per the directions of the Department of Official Language, Ministry of Home Affairs, Government of India, Hindi Pakhwada was observed from 14 to 29 September 2025. NDTL organised various programmes/ competitions on 22 and 23 September 2025 to promote the use of Hindi in official work and create awareness among staff. Various competitions were organised, including a one-day workshop on simple comments and phrases, drawing, speech, essay writing, and Hindi word knowledge. Prizes were distributed to the winners accordingly.





Swachhata Hi Seva Abhiyan 2025



The nationwide "Swachhata Hi Seva Abhiyan 2025" was observed from 17 September to 2 October 2025. All officials from NDTL took an oath to adopt cleanliness in their daily lives and join hands to build a clean and beautiful nation. On the occasion of Swachhata Hi Seva Abhiyan 2025, a Settha Phal (custard apple) tree was planted by the Director, NDTL, along with the invited Chief Guest, Prof. (Dr.) Y. K. Gupta, a distinguished Indian pharmacologist and former Dean of AIIMS, Delhi, on 25.09.2025.



Vigilance Awareness Week

NDTL observed Vigilance Awareness Week from 27 October to 2 November 2025, aligning with the national initiative to promote integrity, transparency, and ethical practices in public institutions. During the week, employees participated in activities aimed at strengthening awareness of preventive vigilance and accountability in governance, and fostering a culture of honesty and responsibility within the organisation.





National Unity Day

The Ekta Diwas (National Unity Day) pledge was observed at NDTL on 31.10.2025, and a pledge was taken. The pledge is a solemn commitment to preserve the nation's unity, integrity, and security, inspired by Sardar Vallabhbhai Patel's efforts to unify India.

Constitution Day

On 26 November 2025, NDTL observed Constitution Day to commemorate the adoption of the Constitution of India. The officials and staff members assembled in the Conference Hall of NDTL. The gathering collectively read the Preamble and took the Constitution Day pledge, reaffirming their commitment to the values of justice, liberty, equality, and fraternity enshrined in the Constitution.

150 Years of Vande Mataram

NDTL celebrated the 150th anniversary of the national song "Vande Mataram" on 7 November 2025. NDTL staff participated enthusiastically in the mass singing of the full version of the song. This celebration honoured the timeless composition by Shri Bankim Chandra Chatterjee. The event successfully fostered a deep sense of unity, national pride, and dedication to the values of service among the NDTL fraternity, reaffirming its commitment to the nation's heritage as it moves towards the vision of Viksit Bharat @2047.

Tobacco-Free Youth Campaign 3.0 (TFYC 3.0) Awareness to the Students visit:

Tobacco-Free Youth Campaign 3.0 Awareness Programme: LNIPE College students visited NDTL on 21.11.2025, followed by 25 postgraduate students and one faculty member from the School of Medical & Allied Sciences, G.D. Goenka University, New Delhi, on 07.04.2026, and 15 DPSRU students on 29 October. Along with familiarising students with NDTL's role in anti-doping science, the programme also sensitised them to the harmful effects of tobacco use and highlighted the importance of adopting a healthy, substance-free lifestyle



Celebration of Play true Day

NDTL celebrated Play True Day on 17.04.2026 on the occasion of the visit of the WADA Asia Director. Dr. Mayumi YaYa Yamamoto, Director, Asia/Oceania Office, Tokyo, participated in Play True Day and contributed to its success. All the scientific staff at NDTL participated.



12th International Day of Yoga was celebrated

International Day of Yoga was celebrated at the National Dope Testing Laboratory (NDTL) on 21 June 2026 with enthusiastic participation from all scientific and technical staff members. The event highlighted the importance of yoga in promoting physical well-being, mental health, and a balanced lifestyle. All staff members actively participated in the yoga session and practised various yoga asanas under the guidance of a guru. During the event, participants also took a pledge reaffirming their commitment to teamwork, unity, and a healthy work environment, reflecting the spirit of a united NDTL family.

Important Visits



WADA's President visit

On 13.04.2026, Mr. Witold Bańka, President of WADA, visited the National Dope Testing Laboratory (NDTL), New Delhi, accompanied by officers from WADA and the National Anti-Doping Agency (NADA). During the visit, he interacted with NDTL's scientific staff, and was briefed by the Director on India's anti-doping practices. The visit enabled constructive discussions on strengthening India's anti-doping framework through enhanced scientific capabilities, robust quality systems, and alignment with global standards. Reaffirming its commitment to analytical excellence, integrity, and continuous improvement in accordance with WADA requirements, NDTL also emphasised the importance of ongoing guidance from WADA and close collaboration with NADA India to further strengthen the country's anti-doping ecosystem.



WADA Asia Director Visit

Dr. Mayumi YaYa Yamamoto, Director, Asia/Oceania Office, Tokyo, visited NDTL on 17.04.2026. She visited the laboratory and interacted with the scientific staff of NDTL. The Director, NDTL, explained the laboratory's anti-doping practices.





Secretary (Sports) Visit

Sh. Hari Ranjan Rao, Secretary, (Sports), along with senior officers from the Ministry, visited NDTL on 02.05.2025. The Director, NDTL, gave a brief tour of the laboratory and also briefed them on the functioning of NDTL. During his visit, the Secretary, (Sports), was also introduced to the senior scientists of NDTL.



Visit of Dr Rajesh S. Gokhale, Secretary,

Department of Biotechnology (DBT)

Dr. Rajesh S. Gokhale, Secretary, Department of Biotechnology (DBT), visited NDTL on 4 June 2025. Dr. Gokhale interacted with scientists and officials, exploring innovative approaches to doping detection, analytical advancements, and interdisciplinary collaborations that support India's commitment to clean and fair sport. He expressed his intention to establish a "Centre of Excellence" to foster joint collaboration between NDTL and DBT to strengthen scientific advancements in anti-doping research.





Visit of Sh. Mansoor Hasan Khan

Joint Secretary and Financial Advisor in the Department of Youth Affairs & Sports.

Sh. Mansoor Hasan Khan, Joint Secretary and Financial Advisor in the Department of Youth Affairs, visited NDTL. During his visit, he reviewed the laboratory's ongoing projects and operational capabilities, with a focus on financial planning and resource optimisation. He interacted with the NDTL team, appreciating its efforts towards maintaining international standards in anti-doping testing.



IPC Director Visit at NDTL



Dr. V. Kalaiselvan, Secretary-cum-Scientific Director, Indian Pharmacopoeia Commission (IPC), Ministry of Health & Family Welfare, visited NDTL on 28.08.2025. He interacted with all the scientific and technical staff members. He appreciated the work done by NDTL in anti-doping science.



Visit of Assistant Secretaries

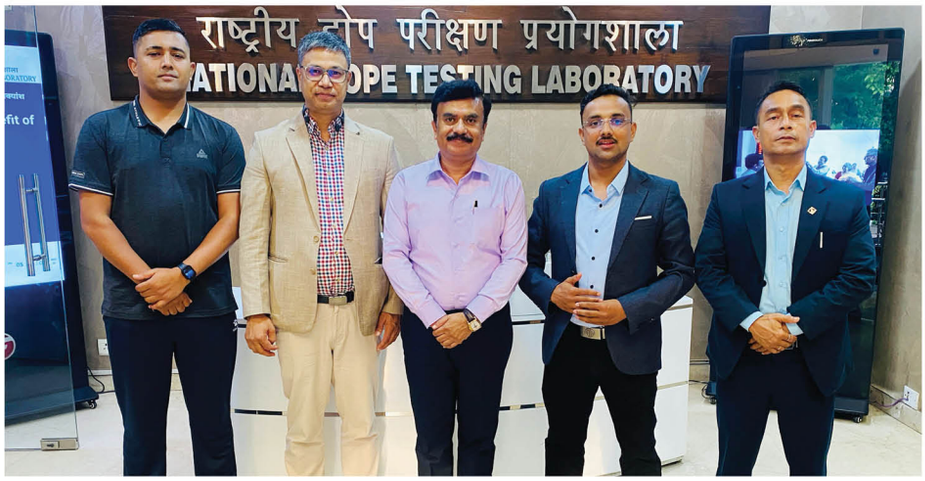
Three Assistant Secretaries on Central Deputation in the Department of Sports, MYAS, Sh. Gagan Singh Meena, IAS (Madhya Pradesh: 2023), Sh. Aditya Pratap Singh, IAS (Assam-Meghalaya: 2023), and Ms. Gunjita Agarwal, IAS (Uttar Pradesh: 2023), visited NDTL on 09.04.2025. The Director and other scientists explained the dope control sample analysis at NDTL, which impressed the visitors.



Visit of Foreign Delegates from Sri Lanka

15 delegates from Sri Lanka and senior officials from MYAS visited NDTL on 14.07.2025 to learn about the anti-doping activities at NDTL. They toured the complete laboratory and were inspired by the laboratory setup. All the officials interacted with the scientific staff members to gain knowledge about anti-doping science and routine activities at NDTL.

Visit of Foreign Delegates from Nepal



Four Nepalese officials—Dr. Ashim Bhandari (National Funding Head, NADA), Sh. Rukesh Tandukar (Superintendent of Police), Sh. Smyukta Acharya (Medical Doctor, NADO), and Sh. Shrawan Kumar Jha (Inspector of Police)—attended WADA's Intelligence & Investigations Capability and Capacity Building Project Workshop (21st–25th July 2025, The Oberoi, New Delhi) and visited NDTL on 23.07.2025, where they interacted with the scientific staff members.

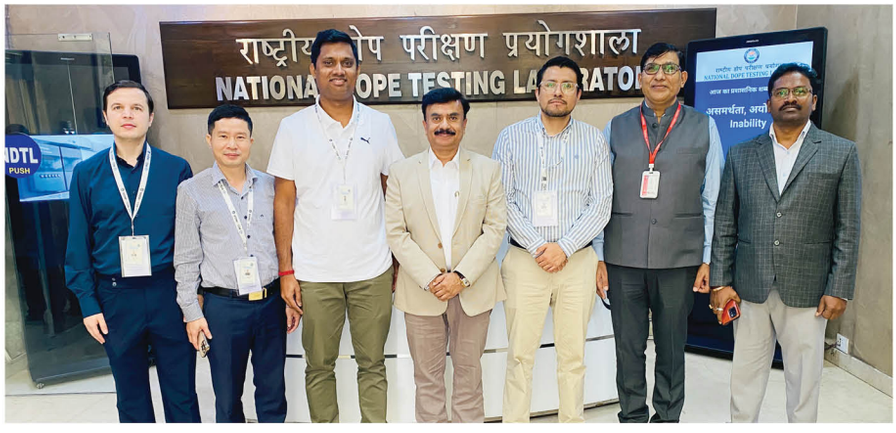


Visit of Sh. Mohd Zuber, Deputy Secretary, Department of Youth Affairs & Sports

Mohd Zuber, Deputy Secretary, Autonomous Body in the Department of Youth Affairs & Sports, visited NDTL. He interacted with the NDTL team, appreciating the efforts towards maintaining international standards in anti-doping testing.

Visit of International Officers under World Customs Organization Programme

Five international officers from the CRCL–WCO Training Programme, a six-week international capacity-building programme conducted from 27 October to 04 December 2025, visited NDTL on 21.11.2025. The participants, representing the national customs laboratories of Jordan, Mauritius, Peru, and Vietnam, interacted with NDTL scientists and gained knowledge about anti-doping science and practices at NDTL.





Visit of International Trainees from CRCL-ITEC Programme

12 International trainees from the Central Revenue Control Laboratory–Indian Technical & Economic Cooperation (ITEC) programme from different countries, including one scientific staff member from CRCL, India, visited NDTL on 10.09.2025. They received training and knowledge about anti-doping science and various analytical techniques involved in anti-doping science. They interacted with scientists and received scientific and practical exposure to current trends in anti-doping science.



National Centre of Sports Sciences and Research (NCSSR)

Six interns from the Department of Sports Nutrition under NCSSR visited NDTL on 22.04.2025 as part of their learning and exposure to the scientific and regulatory framework in sports.

Delhi Pharmaceutical Sciences and Research University

NDTL organized several academic exposure visits for DPSRU/DIPSAR students and faculty. On 19 May 2025, 10 M.Pharm (Quality Assurance) students and 2 faculty members visited to learn about advanced scientific instrumentation, research methodologies, and dope testing applications. This was followed by visits of 15 DPSRU students on 29 October 2025, 40 DIPSAR/DPSRU students with 2 faculty members on 12 January 2026 for briefings on anti-doping practices, laboratory procedures, and operations, and 20 Forensic Science students with 1 faculty member from DPSRU on 11 March 2026 to enhance their understanding of anti-doping science.





Forensic science students from Geeta University



35 forensic science undergraduate students from Geeta University, Panipat, visited NDTL on 09.07.2025 to get exposure to anti-doping science. All trainees had very good discussions with all scientific staff members at NDTL and were also inspired by anti-doping analytical techniques and awareness about clean sports.

GD Goenka University

31 forensic science students (undergraduate and postgraduate) from GD Goenka University, Gurugram, visited NDTL on 28.08.2025 to get exposure to anti-doping science. All the students interacted with scientists to gain knowledge about anti-doping science and awareness of clean sports at NDTL.





Jamia Hamdard

37 forensic science students (undergraduate and postgraduate), along with faculty members from Jamia Hamdard University, Delhi, visited NDTL on 24.09.2025. A group of 36 students of MSc (Toxicology) and Ph.D. (Toxicology) from Jamia Hamdard University visited on 17th November 2025. A further group of 8 M.Sc. (Toxicology) students from the Department of Medical Elementology & Toxicology, Jamia Hamdard, visited NDTL on 22 and 23 December 2025. All visits provided exposure to anti-doping science, testing methodologies, and awareness about clean sports.

Noida Institute of Engineering and Technology (NIET)

Pharmacy Institute

A group of graduate and postgraduate students from the NIET Pharmacy Institute, Greater Noida, accompanied by their faculty members, visited NDTL on 6th October 2025 to gain practical exposure to the field of anti-doping science and advanced analytical research. During the visit, the students interacted with NDTL scientists to understand the scientific principles, testing methodologies, and analytical techniques involved in dope testing and anti-doping research.





SGT University

A group of 27 students from the M. Pharm programme, Department of Pharmaceutical Sciences, SGT University, visited NDTL on 10 December 2025. During the visit, all concerned sections of the laboratory actively participated in familiarizing the students with the routine practices and operational workflows followed at NDTL in the field of anti-doping science.

Lakshmibai National Institute of Physical Education, Gwalior University

7 M.Sc. (Sports Science) students from the Department of Sports Science, LNIPE, Gwalior, visited the National Dope Testing Laboratory (NDTL) on 21.11.2025. The students were guided through various sections of the facility to observe the routine operational practices critical to anti-doping science. The session provided an opportunity for the students to interact with laboratory experts and gain a first-hand understanding of the testing procedures and compliance standards maintained by NDTL.





A group of National Forensic Sciences University

A group of 27 M.Sc. Forensic Sciences students, along with faculty members from the School of Forensic Sciences, National Forensic Sciences University, Sector 3, Rohini, Delhi, visited NDTL on 12 December 2025. During the visit, all concerned sections of NDTL contributed to briefing the students and faculty on the routine practices, methodologies, and operational workflows followed in anti-doping science.

Students Visit form GD Goenka, New Delhi

25 postgraduate students, along with a faculty member from the School of Medical & Allied Sciences, G.D. Goenka University, New Delhi, visited NDTL on 07.04.2026. During the visit, all the students interacted with the scientific and technical staff at NDTL. The visitors were briefed about the laboratory's role in doping control, analytical procedures, and the importance of maintaining integrity in sports. The session was informative and helped the students gain practical insights into anti-doping analysis and laboratory operations.

Manav Rachna University

and Jaypee Institute of Information Technology

10 postgraduate students and research scholars from the Department of Chemistry, Manav Rachna University, Faridabad, and 8 students from Jaypee Institute of Information Technology, Noida, visited NDTL on 18.02.2026. During the visit, the laboratory staff interacted with the students and provided an overview of the anti-doping practices followed at NDTL. The visitors were briefed about the laboratory's role in doping control, analytical procedures, and the importance of maintaining integrity in sports.



सत्यमेव जयते

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