



**GOVERNMENT OF INDIA**  
**MINISTRY OF HEALTH & FAMILY WELFARE**  
**DIRECTORATE GENERAL OF HEALTH SERVICES**  
**CENTRAL DRUGS STANDARD CONTROL ORGANISATION**  
**CENTRAL DRUGS TESTING LABORATORY – MUMBAI**

Accredited By : NABL (ISO/IEC 17025:2017 in Chemical & Biological Testing)

Certified For : IMS (ISO - 9001:2015; ISO - 14001:2015; ISO - 45001:2018)

# **PROFILE**

**CENTRAL DRUGS TESTING LABORATORY–MUMBAI**

**Zonal FDA Bhavan, GMSD Compound, Bellasis Road,**

**Mumbai Central, Mumbai-400 008.**

**Phone No.:022-23002309, 022-23002138**

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## **INTRODUCTION**

Central Drugs Testing Laboratory (CDTL) - Mumbai is one of the regulatory laboratories of the Ministry of Health & Family Welfare, Government of India working under the administrative control of the Drugs Controller General (India), CDSCO, DGHS.

It is the laboratory's quest to meet and excel the highest standards for maintaining the quality of drugs in India.

### **Some features of our facility :-**

- Modern Quality Control, Quality Assurance, Chemical, Microbiological and R & D laboratories, Reference Standard Section supported with high-tech equipments.
- NABL Accredited (ISO/IEC-17025:2017) for Chemical and Biological Testing.
- Conforms to International Environmental, Health and Safety regulations (ISO 9001:2015, ISO 14001:2015&ISO 45001 : 2018).
- Implementation of the E-governance and online reporting through SUGAM PORTAL.
- The laboratory is divided into two major divisions – Chemical & Biological. The various sections functional under these divisions are Wet Chemistry, Instrumentation, Analytical Research and Development, Reference Standards, Sample Warden, Microbiology, Medical Devices, Cosmetics, Quality Assurance& Training Cell.



## PREFACE

The health and socio-economic developments are so closely intertwined that it is impossible to achieve one without the other. While the economic development in India has been gaining momentum over the last decade, our health system is still at cross roads today. Health is a priority goal in its own right.

Globally, Indian Pharmaceutical Industry ranks 3<sup>rd</sup> in terms of volume and 14<sup>th</sup> in terms of value. Indian Pharma Industry has also started adopting product development processes. The Ministry of Health & Family Welfare also deals with the intricacies and running of the Pharma Industry.

The Pharmaceutical Industry is undergoing rapid changes and it has become crucial to refine and sharpen the capabilities. The industry and our regulatory laboratories together are growing to meet future challenges. The Ministry of Health & Family Welfare is charged with health policy in India.

The Central Drugs Testing Laboratory - Mumbai (CDTL-Mumbai) is a National Statutory laboratory in the west zone. It functions under the administrative control of Drugs Controller General (I), Directorate General of Health Services (DGHS) in the Ministry of Health & Family Welfare, Government of India.

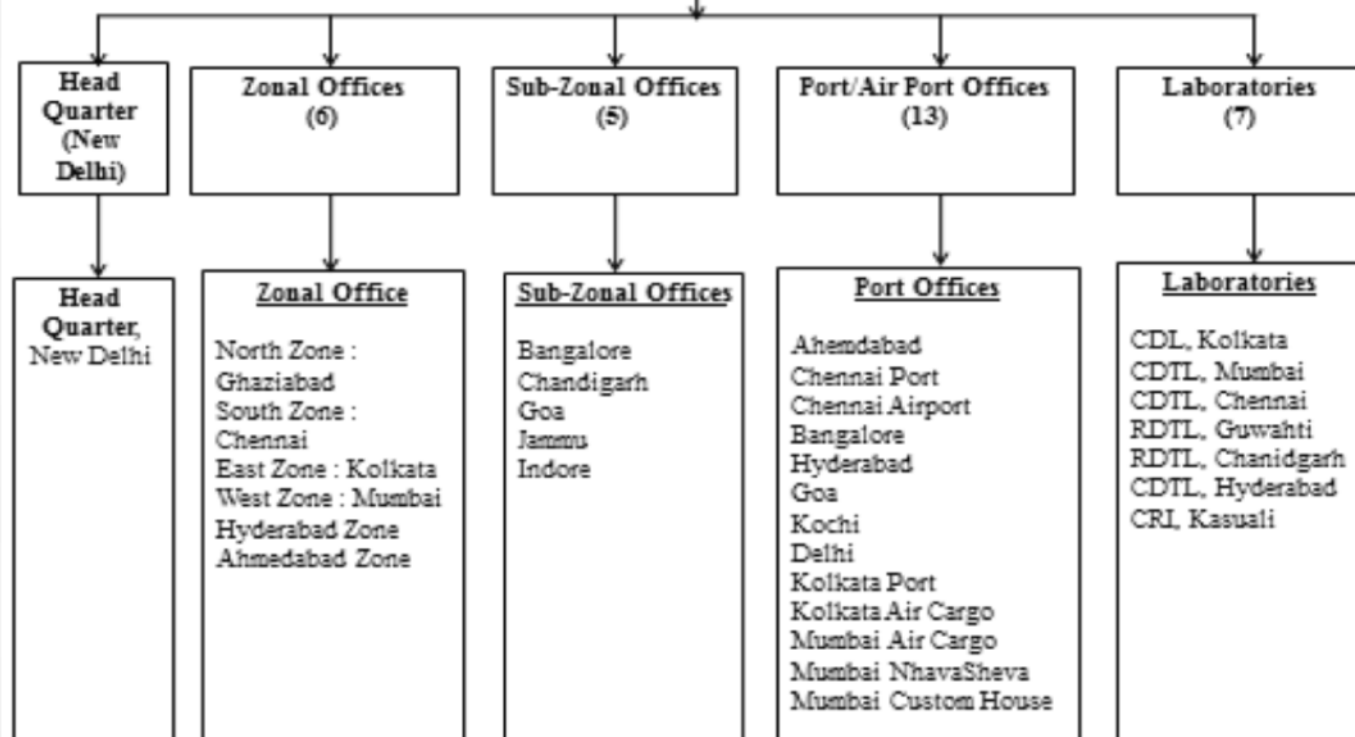
CDTL-Mumbai was established in the rented premises of the ESIS Hospital Building, 4<sup>th</sup> floor, Thane, in October 1992. It commenced operations from 1994 with a team of 10 technical and 04 administrative staff. The laboratory was shifted to the department's own building "ZONAL FDA BHAVAN" at Mumbai Central in 2009. This is the State of art laboratory created under Capacity Building Project of WHO assisted by World Bank.

The Central Drugs Standard Control Organization (CDSCO) is the Central Drug Authority for discharging functions assigned to the Central Government under the Drugs and Cosmetics, Act 1940. The CDSCO has six Zonal offices, five Sub-Zonal offices, thirteen Port offices and seven laboratories under its control.

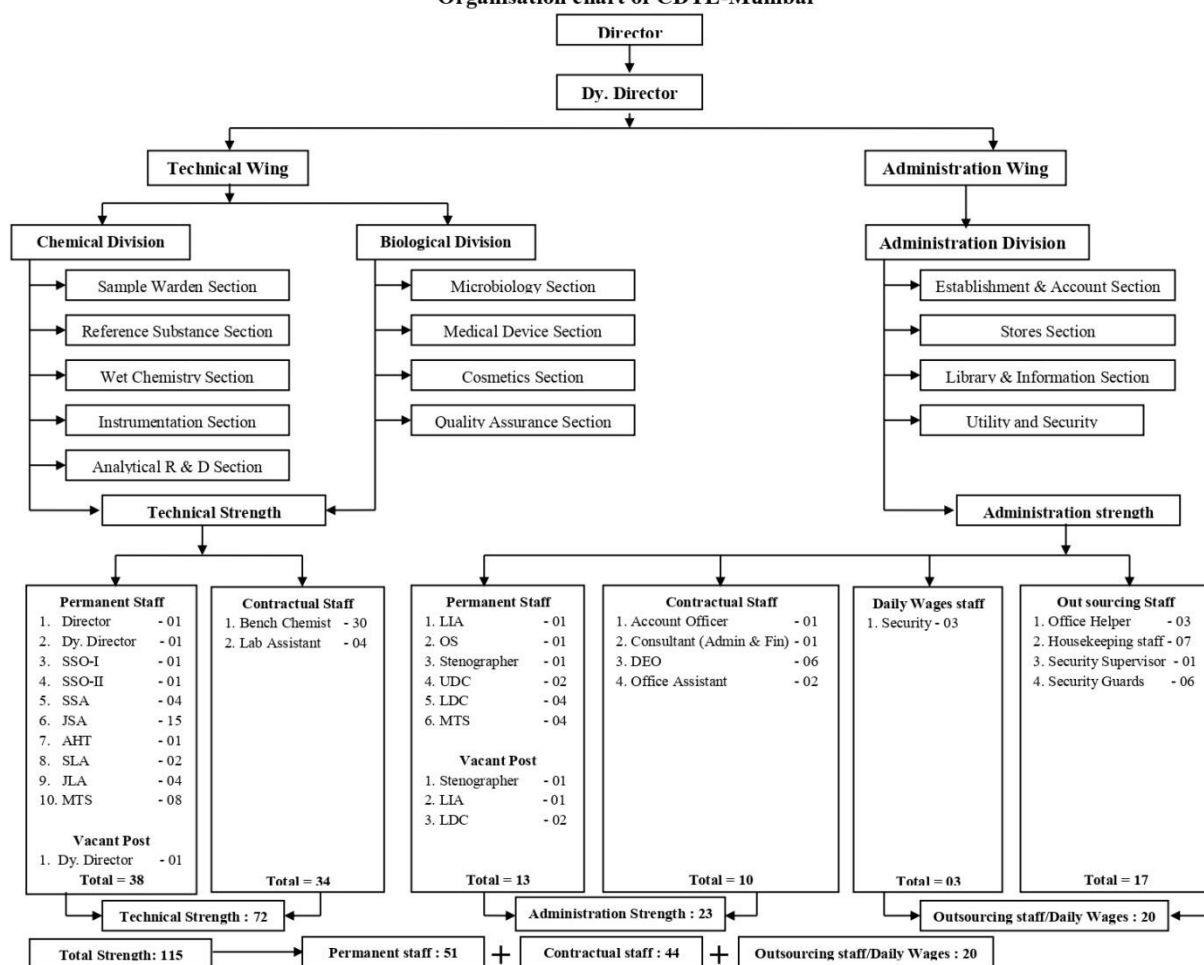


## Organogram of Central Drugs Standard Control Organization

### Drugs Controller General (India)



### Organisation chart of CDTL-Mumbai



## Director's View

CDTL-Mumbai, since its inception has always fulfilled the promise to strive to improve the quality of medicines. This journey had its own set of opportunities and challenges for the Laboratory. The opportunities reflect future growth potential & the challenges helped to further strengthen its foundation.

We have been utilising time in implementing a robust integration plan for ensuring that full potential is applied in delivering results. Our employees with their professional approach are being encouraged to focus and work towards quality in pursuit of excellence.



CDTL-Mumbai continues to be committed to Research & Development ventures. We in CDTL-Mumbai have been engaged in analysis and also in significantly strengthening our capabilities and being 24x7 GLP compliant. In the long term, we are targeting faster growth. Our capable & committed employees will be the key drivers of this growth. We have come so far on the strength of quality in whatever we do and also because we maintain focus and enhance our own benchmarks.

Our goals for further growth and value creation:

- Delivering quality technical services and making our human resources more competent.
- Ensuring continuous learning to be contemporary.
- Compliance norms in practice.
- Continual improvement in maintaining and managing environmental aspects and
- Enhancing occupational health and safety policy and management of hazards effectively.

Safety and security of human assets, facilities and environment from harmful influences are theme of our operations.

Our today, should make our tomorrow better.

I take this opportunity to thank you all for your continued support & confidence in us over the years.

## **VISION**

- To be recognized globally for providing world class testing facilities for safeguarding human and animal health by establishing and reviewing quality objective at various levels of the organization.
- To safeguard and enhance public health by quality and excellence in testing of drugs, cosmetics and medical devices.
- To be a part of modern regulatory system in India to protect public health by ensuring provision of safe, effective and quality drugs and pharmaceuticals based on scientific excellence accountable to both, the Government and the public.

## **MISSION**

- To provide quality and effective analytical services achieved through advanced testing in the area of drugs and pharmaceuticals by dedicated and committed work force by adhering core values of transparency, accountability, efficiency, commitment, credibility and innovation.
- To be a smart drugs testing laboratory equipped with latest sophisticated equipments and having clean and green eco-friendly environment.

## **QUALITY POLICY**

Central Drugs Testing Laboratory–Mumbai is committed to :

- Perform quality testing as per ISO/IEC 17025:2017 and NABL guidelines to attain the highest proficiency and unbiased testing of Drugs, Cosmetics & Medical Devices in transparent, well documented and controlled environmental condition to attain proper justified quality results.
- Ensure that all laboratory personnel familiarize themselves with quality documentation while implementing policies and procedures in their work.
- Strive for continual improvement related to laboratory functions through personnel involvement at all levels.

## **QUALITY OBJECTIVES**

- To make all the laboratory staff aware to the requirements of ISO/IEC 17025:2017 by conducting regular training and interactions.
- To implement effective quality system in the laboratory.
- To ensure dependable and accurate testing facility.
- To operate in such an environment so that the test result obtained is very close to the true result.
- To provide test results at the earliest and to the best satisfaction.
- To update technical knowledge / skill of scientific / technical staff by in-house and outside training.
- Regular participation in Proficiency Testing and Inter laboratory Comparison Programs.
- To provide proper & safe working environment to adopt Good Laboratory Practices.

## **STATUTORY & OTHER MAJOR FUNCTIONS**

- Analysis of Drugs and Pharmaceuticals, Cosmetics and Medical Devices in terms of schedule to the Drugs & Cosmetics act, 1940 & rules there under so as to specify the standards of identity, purity & strength for the drugs imported, manufactured for sale, stocked or exhibited for sale or distribution in India.
- The Director, CDTL - Mumbai acts as “Appellate Authority” as per Drugs & Cosmetics Act, 1940 for the testing of Copper T and Tubal Rings (Intrauterine Contraceptive Devices).
- Analysis of Import drugs & Cosmetics samples entering through the port offices.
- Analysis of Registration samples for approval of site registration as per GMP.
- Analysis of New Drugs to get license for manufacturing the same.
- To undertake Analytical Research on standardization and methodology of Drugs.
- Analysis of Drugs & Pharmaceutical formulations received as Survey Samples from Central Drugs Standard Control Organization and its Zonal Offices.
- Analysis of Drugs & Pharmaceutical formulations received as National Survey sample from CDSCO or other offices under Ministry of Health & Family Welfare.
- Imparting training to Drug Regulatory officials deputed by the Government laboratories from time to time.

## **A BRIEF REVIEW OF THE ORGANISATION**

The organization functions under two wings namely, Administrative and Technical.

- **Administration Section :**



Technical wing is divided into two divisions

- **Chemical Division :**



- **Biological Division :**



**Chemical Division** :Comprises of the following Sections :

- **Sample Warden Section** : This Section receives the samples and scrutinizes documents related to samples and issues the same to respective sections for analysis. Report generation and dispatch is also executed through this Section and remnant samples stored in appropriate condition.



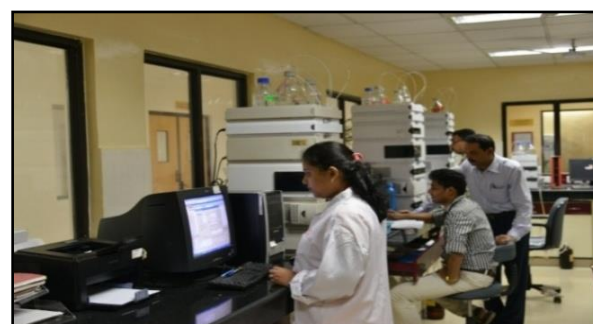
- **Reference Substance Section** : This Section stores Reference standards proper condition and also takes up the work of preparing Internal Working Standards. Assessment of the suitability use is carried out. Identification, LOD/Water, Purity are some of the criteria covered for which the drug is certified.



- **Wet Chemistry Section** : This Section has all the facilities for preparation of samples for all types of instrumental testing. Central Instrument Room has separate rooms for HPLC, Polarimeter, AAS, GC, HPTLC etc. Installation of dehumidifier helps to maintain the humidity in IR room and KF room. Wet Chemistry Section has separate rooms for KF titration, water purification system and fume hood area. A spot extractor is installed in wet chemical area to expel the fumes generated. Chemical storage unit is placed in fume hood area where flammable, corrosive, harmful and toxic chemicals are stored after segregation.



- **Instrumentation and Analytical R&D Section** : This section is set up to encourage method development and validating the same. The team develops scientific programmes which boosts our research portfolio.



in  
for

- There is a **Seminar Hall** with sitting capacity of 70 and equipped with latest audio visual facilities. Regular internal monthly meetings and seminars are conducted to motivate the staff and the vision is turned into action.



**Biological Division** :Comprises of the following Sections:

- **Microbiology Section :**

This section has HVAC system installed. Clean room having separate sterility room, assay room, microbial test room and also rooms for culturing, sub culturing, media preparation and washing.



- **Cosmetics Section :**

This section is well equipped with instruments used in cosmetic testing as per BIS. The cosmetics such as Shampoo, Talc, Face wash, Lotion, Skin cream, Hair Oil etc, are tested using apparatus Bread Load Tester, Pay Off Measuring Instrument, Peel Tester, Scratch Hardness Tester apparatus.

- **Medical Device Section :**

This section is an Appellate Authority for Medical Devices (Copper T and Tubal ring) and is well equipped with instruments like Profile Projector, Tensile Tester, Pouch Burst Tester etc.



➤ **Quality Assurance Section :**

The Quality Assurance Section focuses on quality management & provides confidence that quality requirements are fulfilled. This section maintains records of Quality Management system, organizes Inter Laboratory Comparisons and issue of documents for effective implementation of ISO/IEC17025:2017, Integrated Management System and Good Laboratory Practices.



➤ **Administrative Wing :** Comprises of the following sections :



- **Accounts Section :**

This section mainly deals with the pay and allowances of the staff, payments of the clientele, budget estimate and expenditure for the financial year & correspondence with Headquarters office for various sanctions / approvals.

- **Establishment Section :**

This Section looks after the recruitment rules, maintenance of Service Books, leave records and personal files, pay fixation, increments and APARs(Annual Performance Appraisal Reports) of the employees.

➤ **Store Section :**

This section maintains stock of stationary items and chemicals, glassware relating to office work and laboratory respectively. Sending enquiries to purchase the appropriate items useful to the laboratory. Separate storage is maintained for flammable and inflammable chemicals to prevent hazards. Inventory software has been developed for location of chemicals in inventory. A solvent cabinet is installed in the store for safety and effective dispelling exhaust of the fumes generated.



➤ **Library & Information Section :**

This section is equipped with reference books & audio visual facilities. Specifications used for analysis are maintained in this section. Latest journals, monthly bulletins and new arrivals (books) in the Pharma Industry are purchased to keep the staff updated with the chronicles of the Pharma Sector.



## ACHIEVEMENTS

### 1) Testing Performance Status:

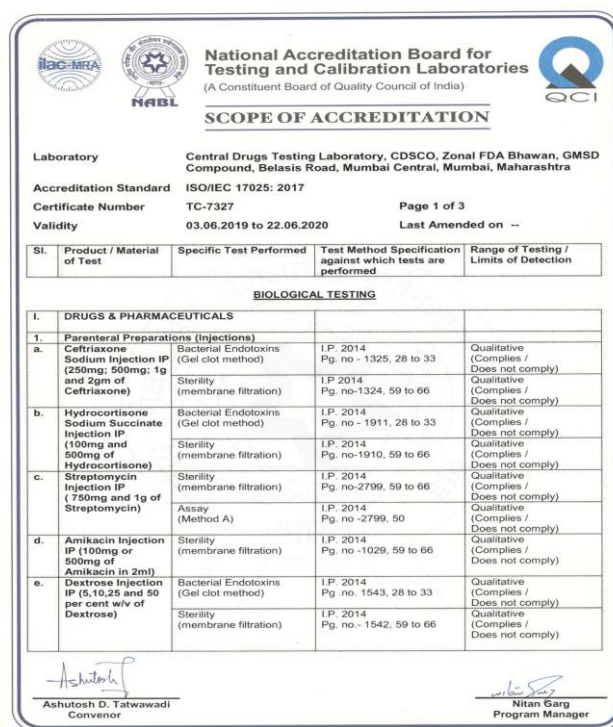
An exponential increase in the sample testing output (more than 4,000 samples per year) has been achieved. The laboratory is striving hard to enhance quality output and strong initiatives are always taken in this regard. The laboratory is privileged to have three Government Analysts. The motto of the laboratory is not to compromise integrity at any level. LIMS SOFTWARE is utilized for generation of reports.

### 2) Contribution in the National Drug Survey Program:

The laboratory was entrusted with the job of analyzing samples of National Drug Survey routed through NIB – Noida. The staff and officers took every single effort and delivered speedy results in stipulated time. Approximately 7,200 number of samples were analysed during the survey period of 2015-16 out of which 5797 were from National Drug Survey conducted by CDSCO - NIB.

### 3) NABL (ISO/IEC 17025:2017) ACCREDITATION:

CDTL-Mumbai has acquired NABL ACCREDITATION for Chemical and Biological disciplines for the period 2016 to 2020 and is committed to highest proficiency and unbiased testing and implementing effective quality system in the laboratory.



**National Accreditation Board for Testing and Calibration Laboratories**  
(A Constituent Board of Quality Council of India)

**SCOPE OF ACCREDITATION**

Laboratory: Central Drugs Testing Laboratory, CDSCO, Zonal FDA Bhawan, GMSD Compound, Belasis Road, Mumbai Central, Mumbai, Maharashtra

Accreditation Standard: ISO/IEC 17025: 2017

Certificate Number: TC-7327

Validity: 03.06.2019 to 22.06.2020

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Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
f.	Sodium Chloride Injection IP (0.9 per cent w/v of Sodium Chloride)	Bacterial Endotoxins (Gel clot method)	I.P. 2014 Pg. no. 2744, 28 to 33	Qualitative (Complies / Does not comply)
		Sterility (membrane filtration)	I.P. 2014 Pg. no. - 2744, 59 to 66	Qualitative (Complies / Does not comply)
II.	WATER			
1.	Sterile Water for Injections	Bacterial Endotoxins (Gel clot method)	I.P. 2014 Pg. no. 2990, 28 to 33	Qualitative (Complies / Does not comply)
		Sterility (membrane filtration)	I.P. 2014 Pg. no. - 2990, 59 to 66	Qualitative (Complies / Does not comply)
III.	MEDICAL ACCESSORIES & SURGICAL PRODUCTS			
1.	Copper - T	Sterility (Direct inoculation method)	I.P. 2014 Pg. no. - 59 to 66	Qualitative (Complies / Does not comply)
2.	Tubal Ring	Sterility (Direct inoculation method)	I.P. 2014 Pg. no. - 59 to 66	Qualitative (Complies / Does not comply)

Ashutosh D. Tatwawadi  
Convenor

Nitan Garg  
Program Manager

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Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
<b>CHEMICAL TESTING</b>				
I.	DRUGS & PHARMACEUTICALS			
a.	Tablets			
a.	Phenylethanol Sodium Tablets IP (50mg; 100mg)	Identification (IR)	I.P. 2014 Pg. no. - 2487	Qualitative
		Dissolution (DT)	I.P. 2014 Pg. no. - 251, 252 (I), 960 (II)	Qualitative
b.	Ethambutol Tablets IP (200mg; 400mg)	Identification (IR)	I.P. 2014 Pg. no. 1697	Qualitative
		(Colour Test)	I.P. 2014 Pg. no. 1697	Qualitative
c.	Hydrochlorothiazide Tablets IP (25mg; 50mg)	Assay (HPLC)	I.P. 2014 Pg. no. 1697, 1698	50% to 120%
		Identification (TLC)	I.P. 2014 Pg. no. 1901	Qualitative
d.	Paracetamol Tablets IP (500mg; 650mg)	Assay (UV)	I.P. 2014 Pg. no. 2434	Qualitative
f.	Albendazole Tablets IP (400mg)	Assay (UV)	I.P. 2014 Pg. No. 1006	50% to 120%
2.	Drug Substances (API)			
a.	Metronidazole	Identification (IR)	I.P. 2014 Pg. no. -2216	Qualitative
b.	Domperidone	Identification (IR)	I.P. 2014 Pg. no. -1612	Qualitative
c.	Allopurinol	Identification (IR)	I.P. 2014 Pg. no. -1012	Qualitative
d.	Atorvastatin Calcium	Identification (IR)	I.P. 2014 Pg. no. -1099	Qualitative
f.	Paracetamol	Identification (IR)	I.P. 2014 Pg. no. -2429	Qualitative
g.	Caffeine	Identification (IR)	I.P. 2014 Pg. no. -1237	Qualitative

Ashutosh D. Tatwawadi  
Convenor

Nitan Garg  
Program Manager

#### 4) Integrated Management System (IMS) Certification:

In order to strengthen the organisation's value and gain global recognition the laboratory has acquired Integrated Management System (IMS) complying (ISO 9001:2015,

ISO 14001:2015&ISO 45001:2018) Certification from 28<sup>th</sup> July 2016 for three years.

ISO 9001: 2015 stands for Quality Management System.

ISO 14001: 2015 stands for Environmental Management System.

ISO45001:2018 stands for Occupational Health & Safety Management system.



**5) Risk Based Inspections and Training Schedules:** 13 of senior CDTL staff have undergone training of Risk Based Inspections of manufacturing facilities conducted by CDSCO at NIB Noida in the year 2017-18 and subsequently participated in inspections of 70 manufacturing units and 43 Public Testing Laboratories in the year 2017-18.

## 6) Research and Development activities :

The analytical Research and Development generates new ideas to enrich the knowledge base. Research activities are encouraged and analysts put in extra efforts for methods development of drug combination. The methods developed are published in pharma journals and magazines. The research scientists of CDTL-Mumbai have presented - 11 papers in 2016-17 and 2017-18 at IPC. 68<sup>th</sup> Vishakhapatnam & 69<sup>th</sup> Chandigarh respectively. 70<sup>th</sup> IPC, which was awarded Best Paper at IPC - Amity University Noida. This year too 1 article was presented for Oral presentation and 10 articles for Poster presentation.



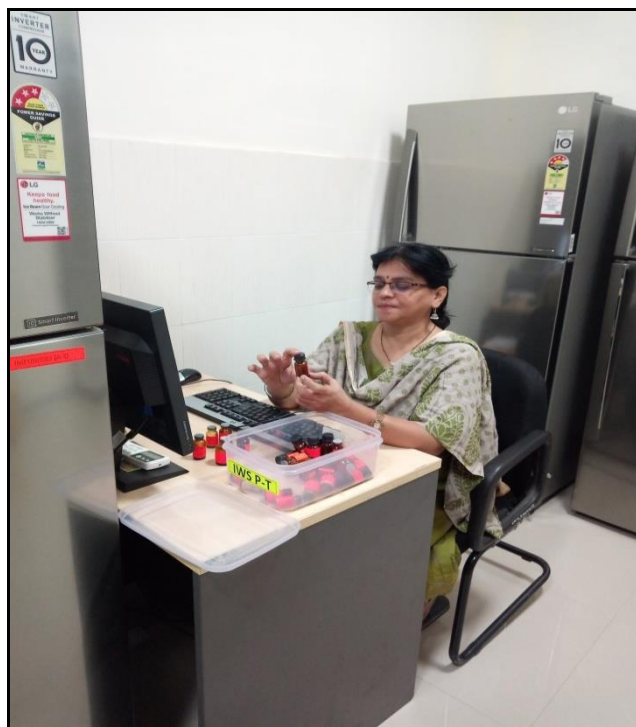
The laboratory sees tremendous value in investing time in research development lab has been striving to work closely to generate innovative concepts, methods of analysis & monitored research efficiency. The related publications & achievements are as follows

Sr. No.	Activities	No. of Presentation
1	Posters Presentation 68 <sup>th</sup> IPC(2016) at Vizag	7
2	Posters Presentation 69 <sup>th</sup> IPC(2017) at Chandigarh	3
3	Posters Presentation 70 <sup>th</sup> IPC(2018) at Delhi	10
4	Posters Presentation 71 <sup>st</sup> IPC (2019) at Chennai	10
5	Awards received for poster /Oral Presentation	2
6	Papers published in Journals	8
7	Paper under communication in different journals	15
8	Outgoing research projects	3
9	Projects Completed (M Pharm and Internship)	9

## 7) Reference Standard Section activities:

The laboratory has a active Standard Section where Internal Working Standards of quality are prepared. Assessment of the suitability for use is carried out and the drugs are certified as Working Standards. The main function of this section is to distribute and maintain the reference material required for testing of drug samples. The validity of reference substances is also checked at regular intervals from the respective website.

The section also maintains the APIs, which are reported as of Standard Quality, as 'In-House Working standard' for future use. These materials are retested as per the schedule, to determine moisture and Assay and decision is taken accordingly about its future use.



## 8) Procurement of latest Hi-Tech Instruments:

In addition to the existing instruments, new instruments like HPLC, UPLC, GC, AAS, HPTLC, Particle counter, Autotitrators KF, Dissolution Media Degasser, UV-VIS Spectrophotometer, Deep Freezer, Water system, DT apparatus, Balances etc. are procured to meet the need of the increased staff strength and analysis speed.



## 9) Training Cell Setup:

The pharmaceutical industry is undergoing rapid changes and it has become critical to refine and sharpen our capabilities. Together we are growing for tomorrow and beyond. A training calendar is scheduled every year to upgrade knowledge and skill of the staff. The existing senior staff participate in these schedules. Eminent speakers and experts are also invited to deliver lectures.



**Presentation by Dr. Milind Joshi President-Regulatory Management, J. B. Chemicals & Pharmaceuticals Ltd., Mumbai on "Role of Women in Indian Healthcare Industry" on the occasion of "World Women's Day"**



**Presented by Shri. Jawahir Sipahimalani, Global on "Data Integrity in Analytical Laboratory"**



**Presentation by Shri. Pankaj P. Borkar, Dy. Controller of P & D, GL-IPO Mumbai and Head, RGNIIPM, Nagpur (Ministry of Commerce & Industry)**



**Presentation by Shri. R. Raghunanadanan Pharmaceutical Consultant and member of IP Reviewing working group on Law & Process of Patents "Risk Management in Laboratory"**

## 10) External Trainings:

The technical and administration staff are encouraged and deputed to attend external trainings and workshops so that they become more competent to face challenges and take high risk steps.



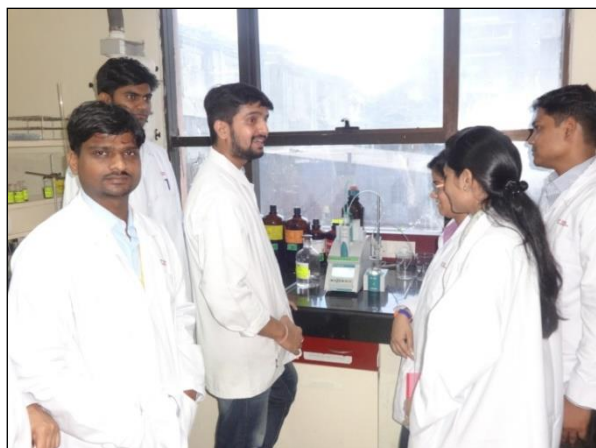
## 11) Trainings for newly recruited DIs of



## CDSO:

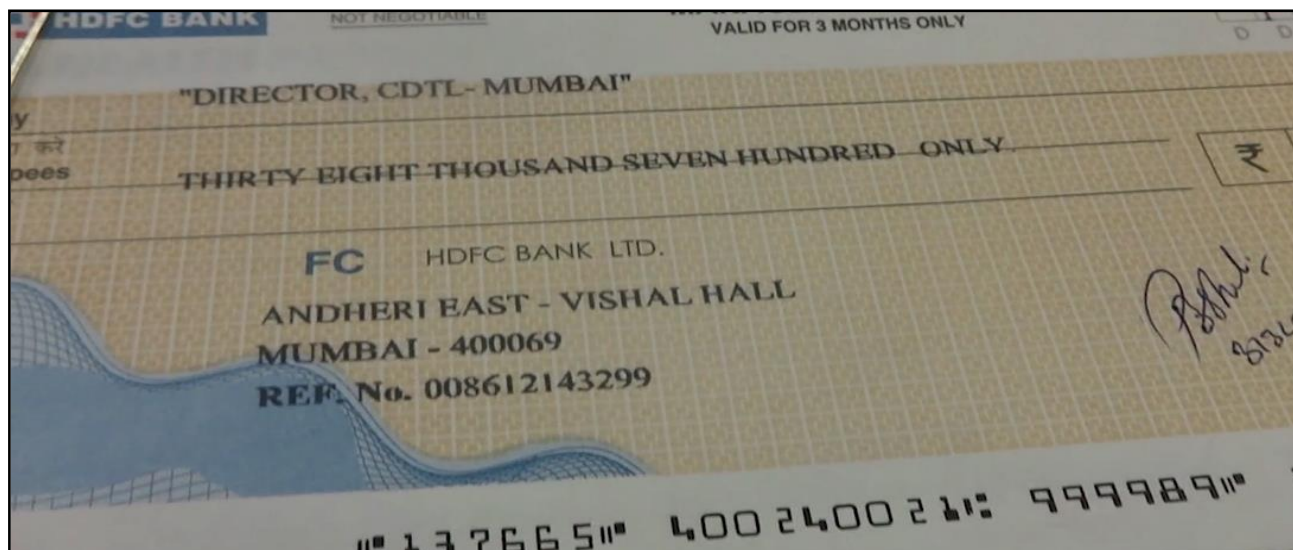
As per instructions from the Head Quarters the newly appointed Drug inspectors were imparted hands on training. Two such sessions of 2 months each were conducted at CDTL-Mumbai.

## 12) Revenue generation in the form of testing fees:



The laboratory generates revenue in the form of testing fees for analysis of Registration samples. Charges for testing is collected as per Drugs and Cosmetics Act & Rules and deposited in the Government of India account.

Year	Collected Fees registered in ₹
2016-17	Rs. 25,37,435
2017-18	Rs. 20,95,765
2018-19	Rs. 24,21,545



### 13) Upgradation of Medical Devices and Cosmetics Sections:

CDTL-Mumbai has upgraded the Medical Devices and Cosmetics Sections to the latest IS norms and to make them fully operational. Instruments compliant to BIS are procured so that the cosmetic samples can be tested as per the International Standards.

### 14) Infrastructure Development :

Emphasis is given to the organization of the existing services and facilities and how to ensure the sustainability of both. Also upgradation of the area on third floor of the premises is accomplished.

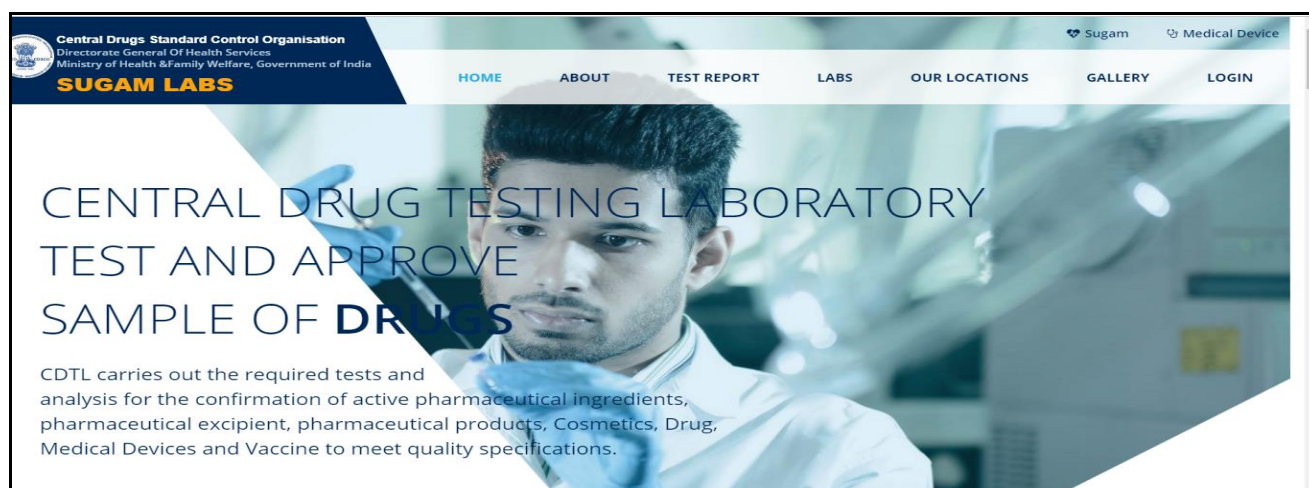


## 15) Strengthening of Human Resources:

The top management of CDTL-Mumbai has tried to enhance its employee strength and augment its administrative and technical strengths. With the increased skilled staff it is possible to stay current on compliance matters which supports the laboratory's goals and targets.

## 16) E-Governance and E-office:

E-governance & E-office application of information and communication technology for exchange of information of the laboratory services has been implemented. All the activities related to Inventory and Reporting of Import and Registration Samples carried out online through SUGAM PORTAL of CDSCO. This has developed a flawless platform for all activities. <https://www.cdsconline.gov.in/CDSCO/homepage>. The Sugam Lab portal is made function. Report generation through software is under preparation through CDAC for all other category of samples.



### 17) Right disbursal of Budgets and Funds:

The budgets and funds sanctioned by the Ministry and Head Quarters is utilized judiciously to upgrade the laboratory facilities and maintain the existing ones.

Year	Budget and funds sanctioned	Total Expenditure
2016-17	8,03,50,000	7,42,20,956
2017-18	9,18,50,000	8,79,13,664
2018-19	9,54,50,000	8,95,54,679

### 18) Enhancement of green cover in the premises:

As a citizen, everybody must grow a social responsibility to maintain an eco-friendly surrounding that will go down generations to save our Mother Earth. CDTL-Mumbai has taken up this endeavor whole heartedly and all measures are taken to make the campus green. The STP plant is an additional feature in encouraging friendly premises and good environmental conditions.



## **19) Involved in setup of mini laboratories at Port offices in Mumbai and Zonal Laboratories at Indore and Bhubaneswar:**

Senior officials of CDTL were actively involved in the setup of the mini laboratories and the Zonal Laboratories. Four of senior laboratory staff is deputed for setup of the laboratory & installation of equipments.



## **20) Setup of National Tobacco Testing Laboratory:**

The Regional laboratory for tobacco testing has been setup and is functional on the third floor of Zonal FDA Bhawan.



**Inauguration of National Tobacco Testing Laboratory - Mumbai at 3rd Floor Zonal FDA Bhawan, CDTL – Mumbai on 9<sup>th</sup> March, 2018.**

## 21) Contribution in upgradation of BIS and Indian Pharmacopoeia:

The government analysts of CDTL are also members of various committees like IP Expert working group, BIS committee of Cosmetics and Medical Devices. They address the queries and suggestions received and contribute in the revision and drafting of the Standards.

## 22) Setup of Yoga & Exercise room for the welfare of the staff:

CDTL –Mumbai management has brought wellbeing at the work place for the entire staff. It has led to increased energy, more self confidence, a positive attitude and enhanced morale resulting in employee wellbeing and health.



### 23)Implementation of Accessible India:

CDTL-Mumbai is trying its best in creating an enabled and barrier free environment under the Sugamya Bharat Abhiyan for the people with disabilities to gain access for equal opportunities and also creating accessibility in the Zonal FDA Bhawan for free movement.

### 24) Tobacco free zone:

The harmful effects of tobacco use are well established and accepted globally. Spitting is prohibited in the premises of Zonal FDA Bhawan and as per Ministry's direction there is a ban on Tobacco chewing, smoking in the premises. It was proposed to levy fine of Rs. 200 to the persons who are found offenders. This will curb the involuntary exposure to tobacco smokes to the non-use & also keep the premises health and clean.

It was proposed in the interest of staff health & with a view to keep the building clean, thus contributing towards the "**Swachh Bharat Swasth Bharat**" campaign the premises of Zonal FDA Bhawan shall be declared "**Tobacco Free Zone**". Smoking and Spitting of tobacco will be considered punishable offence. In this regard permission to implement the policy by display of boards is sought.



➤ **List of Major Instruments Available in CDTL-Mumbai :**

<b>Sr. No.</b>	<b>Name of the Instruments</b>	<b>No.</b>	<b>Sr. No.</b>	<b>Name of the Instruments</b>	<b>No.</b>
1	Balance	16 Nos.	31	Dissolution Apparatus	09 Nos.
2	UV-Spectrophotometer	04 Nos.	32	Polarimeter	03 Nos.
3	GC	02 Nos.	33	Melting Point Apparatus	01 No.
4	HPLC	22 Nos.	34	Disintegration Apparatus	02 Nos.
5	UHPLC	01 No.	35	pH Meter	11 Nos.
6	Flow Meter	01 No.	36	Flame Photometer	01 Nos.
7	Dehumidifier	02 Nos.	37	Viscometer	01 Nos.
8	IR (FTIR)	01 No.	38	TLC (Plate Heater)	01 Nos.
9	IR (ATR)	01 No.	39	HPTLC (Linomat)	02 Nos.
10	Centrifuge	06 Nos.	40	HPTLC (Scanner)	02 Nos.
11	HPTLC UV Cabinet	02 Nos.	41	Shaker Water Bath	02 Nos.
12	Refractometer	02 Nos.	42	Oven	08 Nos.
13	AAS	02 Nos.	43	Hot Plate	03 Nos.
14	Autotitrator	05 Nos.	44	Magnetic Stirrer	01 No.
15	Water (KF)	03 Nos.	45	Heating Mantle	05 Nos.
16	Vaccum Oven	07 Nos.	46	Vortex	07 Nos.
17	Spot Extractor	06 Nos.	47	Water Purification Unit	04 Nos.
18	Sonicator	06 Nos.	48	Millipore	01 No.
19	Water Bath	02 Nos.	49	TCD Tensile Compression Device	02 Nos.
20	Shaker	02 Nos.	50	Profile Projector	01 No.
21	Tyvec Pouch Burst Strength	01 No.	51	Liquid Particulate Counter	01 No.
22	Furnace	02 Nos.	52	Antibiotic Zone Reader	01 No.
23	Autoclave	04 Nos.	53	Endotoxin Detection System	01 No.
24	Microscope	03 Nos.	54	Break Load Tester	01 No.
25	BOD Incubator	03 Nos.	55	Peel Tester	01 No.
26	Incubator	03 Nos.	56	Scratch Hardness Tester	01 No.
27	Heating Block	02 Nos.	57	Pay off Machine	01 No.
28	Laminar Flow	03 Nos.	58	Solvent Extractor	01 No.
29	Gel Electrophoresis	01 No.	59	Tablet Friability Tester	01 No.
30	Digital Colony Counter	01 No.	60	Tablet Hardness Tester	01 No.



➤ **Visit of Hon'ble Union Minister of State for Health and Family Welfare, Shri. Ashwini Kumar Choubey visits Zonal FDA Bhawan-Mumbai on 27<sup>th</sup> July 2019.**

Visit of Minister Shri Ashwini Kumar Choubey to review and interact with Health Ministry offices (CDTL-Mumbai, NTTL-Mumbai, CDSCO (WZ) and GMSD) situated in the Finance capital of India, Mumbai.

Honourable Union Minister of State for Health and Family Welfare Shri Ashwini Kumar Choubey visited four noteworthy offices of Health Ministry-CDTL Mumbai, NTTL Mumbai, CDSCO(WZ) and GMSD on Saturday 27<sup>th</sup> July 2019 from 7.00 pm to 11.00 pm. He took a walk through review of the Zonal FDA Bhawan premises in the heart of Mumbai City, surveying the divisions and laboratories situated in the premises and took a retrospective view. He took personal interest in the analytical procedures followed in the laboratory and interacted with the laboratory staff, addressed their grievances and motivated the Health Sector employees by giving them an insight towards the importance of their efforts and appreciated the hard work deployed in the day to day work. He emphasized that all the hard work attributes in making our country healthy and safe place to live. 50% to 60 % of the medicines produced in India are exported and the quality of medicines evaluated by the Government Laboratories is an efficient tool to curb the proliferation of falsified and substandard medicines that threaten public health. The testing done provides the government policy makers the data to enable evidence based policy decisions that can help building a foundation of healthier India .Honorable Minister delivered an inspirational speech and emphasized the focus of the Ministry "**Sabka Saath, Sabka Vikas, Sabka Vishwas**", a way forward to a progressive, happening and developing Bharat.

He also visited Government Medical Store Depot - Mumbai, which is running under MSO, DGHS Ministry of Health and Family Welfare, Government of India with the key function of procurement, storage and distribution of life saving drugs and medical devices to the CGHS, para military forces and also taking care of the medicines related to UNICEF and family welfare programmes like Anti TB, leprosy and other epidemic control programmes of Family Welfare Department of Health Ministry.

The events conducted at CDTL-Mumbai and GMSD-Mumbai were a great success and was capably handled by Dr. Raman Mohan Singh, Director CDTL-Mumbai & additional Incharge of NTTL-Mumbai and GMSD-Mumbai along with Dr. P.B.N. Prasad, DDC(I)-West Zone.





**The meeting ended with vote of thanks by Smt. Manasi M. Patel and National Anthem.**

➤ **Visit of State of Uttar Pradesh's Additional Chief Secretary Madam Dr. Anita Bhatnagar Jain to Central Drugs Testing Laboratory- Mumbai on 30<sup>th</sup> August 2019.**

CDTL-Mumbai was fortunate to have presence of an eminent visitor - Dr. Anita Bhatnagar Jain, IAS Additional Chief Secretary for the state of Uttar Pradesh on 30<sup>th</sup> August 2019. She was accompanied by Shri Ajay Kumar Jain, Drug Licensing & Controlling Authority (Uttar Pradesh) & Shri. Vinay Kumar, Government Analyst (Uttar Pradesh).

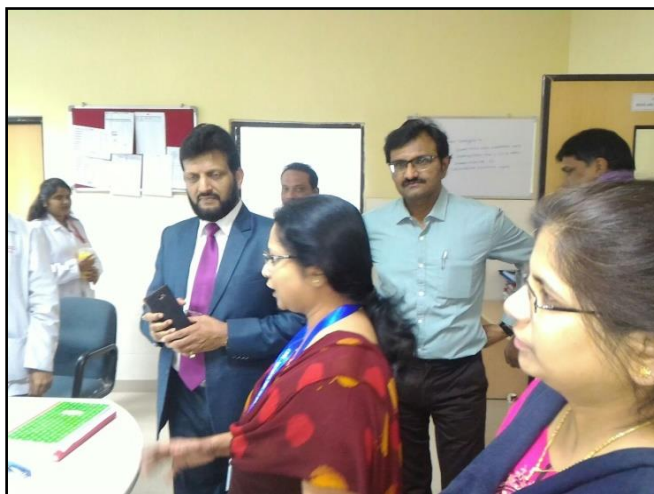
The visiting official delegation was welcomed warmly by Director Dr. Raman Mohan Singh & the Senior officials of CDTL-Mumbai. After the introductory session of audio-visual presentation a detailed deliberation was done regarding the progress & achievements of CDTL-Mumbai since its inception to shifting from old premises to the new premises at the Zonal FDA Bhawan. Dr. Anita Bhatnagar Jain graciously appreciated the laboratory's quest to meet & excel the highest standards for maintaining the quality of drugs in India.

She took a detailed review of the facilities available & the continuous efforts taken to strengthen the laboratory and refine & sharpen the capabilities. She also acclaimed to efforts for enhancement of testing capacity and the cleanliness & upkeep maintained in the laboratory & premises. Detailed review & exploration on various aspects of Good laboratory Practices & measures to maintain competency of laboratory was done.



## ➤ Visit of Dignitaries at CDTL-Mumbai :

1. Shri. K. B. Aggarwal, Additional Secretary accompanied by Dr. S. Eswara Reddy, Joint Drug Controller (I) visited on 23/01/2016.



2. Visit of Dr. G. N. Singh, Drugs Controller General (India) addressing the CDTL & CDSCO, West Zone staff on 13/05/2016



3. Visit of Shri. Arun Sharma, Director Admin (Drugs), CDSCO, HQ visited CDTL-Mumbai on 26/12/2017



4. Visit of Shri Sudhir Kumar (Joint Secretary) on 30/12/2017.



5. Visit of Dr. S.Venkatesh, Director General of Health Services on 02/11/ 2018.



6.CDTL-Mumbai & NTTL-Mumbai were fortunate to get the opportunity to welcome the NRA & Ministry of Health Delegation of Angola. The visit was scheduled on 07/07/2018.



7. Shri. R. K. Vats, AS & DG (DGHS) visited CDTL-Mumbai on 23rd February, 2018.



8. Visit of Dy. Director Admin, Shri. Vum Mang on 15/11/2018 to 16/11/2018.



9. Visit of DDG (Store), Dr. Rupak Chatterjee on 26/02/2019



10. Dr. D.S.Gangwar, Addl. Secretary & Financial Adviser, Ministry of Health & Family Welfare visited CDTL-Mumbai in the evening of 15/05/2019.



**THE BEST WAY TO FIND YOURSELF IS TO USE YOURSELF IN THE SERVICE  
OF OTHERS.**

**“Success Is The Sum Of Small Efforts Repeated Day-In And Day-Out”**