



Annual Administrative Report (2023-24)



Directorate of Forensics Services Himachal Pradesh

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A view of Forensics Tableau in the State Level Republic Day Celebrations on 26.1.24

MOTTO

विज्ञानेन सत्यान्वेषणम्

'Vigyanen Satya Anveshnnam'

विज्ञान से सत्य की खोज

To dig out truth through science.

MISSION

Foremost mission of the HPFSL is to serve the society in a holistic manner by way of providing quality and timely reports in criminal and civil cases and in matters of public interest; create a vibrant and intellectual environment in the institution built on trust, commitment to promote good practices and inculcate ethical values and employ modern methods; empowerment of law enforcement agencies, judiciary and enquiry commissions with forensics knowledge for proper investigation and for better understanding, evaluation and appreciation of reports. HPFSL has to emerge as a temple of knowledge sharing with other institutions in the development of the state-of-art forensics in order to open new vistas.

VISION

- ◆ Quality reports, timely reports by adopting good practices and protocols with latest know-how conforming to national and international standards form the foundation principles of an institution to emerge it as a premier institution.
- ◆ Achieve excellence in human resource development through training, by creating a congenial scientific ambience that encourages team spirit and ideal professional conduct.
- ◆ Fostering collaboration and co-operation with universities, research undertaking bodies, promoting R&D programmes so as to generate database and for developing state of the art (infrastructure).
- ◆ Building Himachal Forensics into a professional service, enjoying public faith, exhibiting accountability, transparency in order to meet modern challenges of crime. To evolve a mechanism whereby forensic service is available in investigation of all heinous crime, and whenever required in situations demanding public interest.
- ◆ Help in combating corruption, help in protecting environment and endangered species (flora & fauna), help in upholding human rights and help in preventing human trafficking.
- ◆ Creating public awareness by disseminating knowledge through media (print, electronic and exhibitions) about the cases solved with the forensic tools and techniques, means of a proactive forensics, which is deterrent to the wrong doers and potential criminals. Also, educating public about do's and don'ts on the spot, drug menace, save oneself from cyber crime and about road safety.
- ◆ Encouraging use of more forensic inputs to put investigation on the right track in the beginning itself so as to save police man hours and saving public from unwarranted inconveniences.
- ◆ Promoting ethics in forensics.

PREFACE

With a focus on innovation and accessibility, the initiative to equip the investigating agency with bar coding system for crime exhibits was undertaken which will go a long way to fast track the Justice Delivery System besides a mechanism in place to check an element of bias which, is more often than not is subjected to scrutiny in the Court of Law.

The progress, developments and growth should inspire us to strive for excellence, to better the best and address the areas where we still have room for improvement. The performance indicators suggest that while forensic has great gains for investigations, there remains a gap between demand and the supply of timely forensics services. The end user's satisfaction is lower than desired, pointing towards the need for continuous efforts to enhance forensic governance, transparency and accountability. The visionary resolution of quality reports, timely reports is a testament to our commitment to build a robust and dynamic forensics framework.

A special drive, with noble intention was launched to bring down pendency in different specialties which has tremendously contributed in improving turnaround time to the satisfaction of investigation agencies. The department's commitment towards quality reports became evident when the application for accreditation of State Forensic Science Laboratory, RFSL, Central Range, Mandi was initiated, and the assessment by the National Accreditation Board for Testing and Calibration Laboratories (NABL) has been completed which includes, for the first time, State Finger Print Bureau as well. Likewise, for undertaking analysis of digital evidences, for the first time, an application was filed with the Ministry of Electronics and Information Technology (MeitY), Government of India in respect of State Forensic Science Laboratory, Shimla Hills, Junga and Regional Forensic Science Laboratory, Central Range, Mandi.

In order to minimise the response time to examine scene of varied nature, first time in one go, six number of Mobile Forensic Vans costing about Rs. 3.90 crore were got sanctioned from the Government of India.

An initiative to implement new NDPS rules, 2022 of the NDPS Act, 1985 were taken to streamline receipt of crime cases and facilitate reports within stipulated time frame.

Himachal Forensics is actively collaborating with many forensic setups at National and International level through education, seminar, conferences etc. These initiatives are well organized and structured to maximize learning and sharing best practices amongst the professionals.

By embracing the much needed approach to advancements in technology and fostering greater collaboration, presents the department with foundational opportunity to harness the growing potential of a robust, relevant and dynamic forensic system, and builds preparedness to navigate complex multidimensional challenges in times ahead.



Dr. Meenakshi Mahajan
Director Forensics Services
Himachal Pradesh

INDEX

Page No.	Contents
1-2	Introduction
3	Administrative Set-up
4	Mandate
5-6	Duties and Responsibilities
7-8	Himachal Pradesh Forensic Science Development Board
9	Purchase of Stores
10-27	State FSL HP: Introduction and Working
28-37	RFSL, NR, Dharamshala: Introduction and Working
38-46	RFSL, CR, Mandi: Introduction and Working
47-48	District Forensic Units
49-50	Case Statistics
51-53	Professional Excellence, Major Initiatives & Achievements
54	Glimpses
55-56	Forensics in Media and who wrote what
57-59	Budget Allocation, Department Revenue Receipt
60	Future Vision

DIRECTORATE OF FORENSICS SERVICES

INTRODUCTION:

The Directorate of Forensics Services commenced its journey with the creation of State Forensic Science Laboratory on 13-12-1988 from Police Headquarters, Shimla. The organization primarily caters to the needs of investigation agencies viz. Police, Vigilance, CID. Also, rendering services to judiciary, universities, boards, banks, enquiry commissions and other government departments. Before it came into existence, the said departments were dependent on



central government institutions: Central Forensic Science Laboratories, Government Examiner of Questioned Documents and Serologist to the Government of India, Kolkata. The FSL started functioning from barracks of Police Complex Bharari, Shimla with two divisions encompassing four specialities namely Biology & Serology and Chemistry & Toxicology. Then moved to Junga in 1996 and started functioning from the premises of Police Training School. Two more divisions viz. Documents & Photography and Physics & Ballistics were created in 1997 and became functional in the year 2000. In order to ensure independent functioning of investigation agency working on scientific principles, the laboratory was placed directly under Home Department in the year 2005. Thereafter, in the first meeting of HP Forensic Science Development Board (2006), two new divisions viz. DNA and NDPS at State FSL and two Regional Forensic Science Laboratories, each, in the Northern Range and Central Range at Dharamshala and Mandi were created. The Director was declared Head of the Department in the year 2009 for more administrative and financial autonomy. For the continuous development of Forensic Science in the Himachal Pradesh, the First Five year Perspective plan (2014-19) was approved in the 8th meeting of HPFSDB in the year 2014.

A First: Disaster Victim Identification (DVI) cells were established in State FSL & RFSLS in 2014-15 as per Interpol guidelines. Voice analysis & Digital Forensics at State FSL, DNA facility at RFSL, NR Dharamshala, RFSL, CR, Mandi and First District Forensic Unit (DFU) at Bilaspur were sanctioned in 2015-16 and subsequently operationalized. The Forensic Psychology Division was sanctioned in 2017 and the Digital Forensic and Forensic Auditing facilities, the latter being first of its kind in the country, to detect frauds through digital evidences was created at RFSL, NR, Dharamshala in 2017-18. Likewise, the voice analysis facility was extended to RFSL CR, Mandi. Himachal Forensics has taken a lead by making amendment in the HP Police Act, 2007 in the year 2018 to bring administrative reforms wherein the Forensics Directorate would be headed by the Director General (Forensics), Forensic set-up at Range would be headed by the Range Director and District

Units would be headed by the Assistant Director/Dy. Director besides integration of Finger Print Bureau with the Directorate of Forensics Services to bring all forensic facilities under one umbrella. Further, two more District Forensic Units one each in Northern Range and Southern Range were created and operationalised in Police District Nurpur and Police District Baddi (2019-21).

Two Cyber Training Centres, State-of-the-art cyber forensic labs, at State FSL & RFSL Dharamshala were established with the funds received under Prevention of Cyber Crime against Woman & Children scheme (CCPWC/MHA, GOI) and strengthened the DNA and Cyber labs under Nirbhaya Fund MHA, GOI.

A scheme was designed, approved and operationalised in 2017 for disposal of Bio-Medical Waste from the labs. The H.P. Forensic Document Examiner and Finger Print Examiner Authority (2017) for private practitioners were approved by the Government.

The new nomenclature Directorate of Forensic Science (DFS) was approved by the Govt. in accordance with the HP Police Act, 2007 and notified in the Business of the Govt. of Himachal Pradesh (Allocation) Rules, 1971 in the year 2015-16. Now nomenclature of Directorate of Forensic Science (DFS) has been amended as Directorate of Forensics Services in the Business of the Govt. of Himachal Pradesh (Allocation) Rules, 1971 in January 2020.

Himachal Forensics scaled new heights to emerge first amongst State & Central Forensic Labs in the country after becoming member of Asian Forensic Sciences Network (AFSN). Also DFS/HP appeared on the global map when succeeded in getting ISO/IEC 17025:2005(2018) and thereafter ISO/IEC 17025:2017 accreditation from NABL and became fifth State FSL & first RFSL NABL accredited labs in the country. Likewise, NDPS division of State FSL got registered with the United Nations Office on Drugs & Crime (UNODC) to participate in the International Collaborative Exercise (ICE) as a measure of quality assurance programme with the United Nation Lab.

The Regional Forensic Science Laboratory, Northern Range, Dharamshala was notified as Examiner of Electronic Evidence U/S 79A IT Act 2000, by the Ministry of Electronics & Information Technology, Govt. of India for the analysis of Computer (Media) & Mobile Devices in the year 2019 and became first RFSL in the Country. The Enforcement Directorate, Govt. of India is referring their digital evidences for the purpose of analysis in the lab.

All the laboratories of the DFS H.P. are also rendering the need based services for the analysis of crime exhibits to Central Investigation Agencies i.e. National Investigation Agency (NIA) & Central Bureau of Investigation (CBI), Enforcement Directorate, Border Security Forces.

ADMINISTRATIVE SET-UP

Hon'ble Chief Minister Himachal Pradesh

**Additional Chief Secretary (Home)
(Administrative Head)**

**Director Forensics Services
(Head of Department)**

- RFSL, NR Dharamshala
- RFSL, CR Mandi
- State Finger Print Bureau
- State FSL Junga
- DFU Bilaspur
- DFU Baddi
- DFU Nurpur

State FSL

- AD Bio & Sero
- AD Chem & Toxi
- AD Phy & Ball
- AD Docu & Photo
- AD Voice
- AD Digital
- AD Psychology
- AD DNA
- AD NDPS

**Deputy Director (NR)
(Head of Office)**

**Deputy Director (CR)
(Head of Office)**

- AD (Bio & Sero)
- AD (Chem & Toxi)
- AD (Docu & Photo, Digital Forensic)
- SO (DNA)

- AD (Bio & Sero)
- AD (Chem & Toxi)
- AD (Phy & Ball, Voice Analysis)
- SO (DNA)

MANDATE

- ◆ ANALYSIS OF CRIME EXHIBITS/CLUES IN THE LAB
- ◆ SCENE OF CRIME EXAMINATION & RECONSTRUCTION
- ◆ FORENSIC INTELLIGENCE
(To put investigation on the right track in the beginning itself)
- ◆ EXPERT TESTIMONY IN COURTS/ENQUIRY COMMISSIONS
- ◆ TEACHING, TRAINING AND PUBLIC AWARENESS
- ◆ RESEARCH & DEVELOPMENT IN FORENSICS



The officers of IT & Telecom Center, Shashatra Seema Bal, MHA, GoI, Kasumpti, Shimla with Director Forensics Services HP at FHQ on 7.2.24

DUTIES AND RESPONSIBILITIES

Director

- Examination, evaluation, comparison of clue materials and to submit scientific reports.
- To testify or give evidence before Judicial/Semi-judicial/Inquiry authority as and when required.
- Examination of scene of crime and submission of reports.
- Research in Forensic Science and related fields.
- Teaching and training of IOs/NGOs of Police Prosecution and Judiciary in Forensic Science.
- Any other scientific and administrative work assigned by the, senior officers /Government.
- Besides above duties, he is the head of the Directorate as well as Controlling Officer and has to perform duties related to it. He has to manage all the scientific matters for the overall scientific development of the Institution for the incorporation of new technology.

Deputy Director

- Examination, evaluation, comparison of clue materials and to submit scientific reports.
- To testify or give evidence before Judicial/Semi-judicial/Inquiry authority as and when required.
- Examination of scene of crime and submission of reports.
- Research in Forensic Science and related fields.
- Teaching and training of personnel in Forensic Science and related fields.
- He/she will be responsible for efficient working of the division(s) and expeditious disposal of work/cases pertaining to the division(s) by giving quality reports.
- He/she will render all assistance to the Director, Forensics Services in updating and introducing new technologies in the division(s).
- Any other work related to scientific or administrative nature assigned to him by the Director Forensics Service/Government.
- Besides above duties, he is required to assist the Director, Forensics Services in the matters of scientific and administrative nature. He is the supervisory officer and Divisional in-charge of at least two Divisions and has to guide the Scientists working under him. Management of Scientific and Administrative work has also to be looked after by him under the guidance of Director, DFS/HP.

Assistant Director

- Examination, evaluation, comparison of clue materials and to submit scientific reports.
- To testify or give evidence before Judicial/Semi-judicial/Inquiry authority as and when required.
- Examination of scene of crime and submission of reports.
- Research in Forensic Science and related fields.
- Teaching and training of personnel in Forensic Science and related fields.
- He/she will be responsible for efficient working of the division(s) and expeditious disposal of work/cases pertaining to the division(s) by giving quality reports.
- He/she will render all assistance to the D/DFS in updating and introducing new technologies in the division.
- Any other work assigned by senior officers/Govt.
- He/she is Divisional in-charge of his/her division. He also supervises and guide the scientific and technical staff of his division concerned in Administrative and scientific matters.

Scientific Officer

- Examination, evaluation, comparison of clue materials and to submit scientific reports.
- To testify or give evidence before Judicial/Semi-judicial/Inquiry authority as and when required.
- Examination of scene of crime and submission of reports.
- Research in Forensic Science and related fields.
- Teaching and training of personnel in Forensic Science and related fields.
- He/she will be responsible for efficient working of the division(s) and expeditious disposal of work/cases pertaining to the division(s) by giving quality reports.
- He/she will render all assistance to the D/DFS in updating and introducing new technologies in the division.
- Any other work assigned by senior officers/Govt.
- He/she is also in-charge scientific unit of staff working under him /her and also has to guide and supervisor the Unit.

Scientific Assistant

- Examination, evaluation, comparison of clue materials and to submit scientific reports.
- To assist the officers/Experts in examination of scene of crime and the exhibits in the laboratory.
- Assistance in research in Forensic Science and related fields under the supervision of experts.
- Assistance in practical demonstration during teaching and training.
- Any other work assigned by the senior officers.
- He/she will also be assist in keeping the laboratory and equipments in order for scientific examination and shall help in expeditious disposal of work/cases pertaining to the division and also to help in the preparation of quality reports.
- He/she will also render all assistance to the senior officers in the division in updating and introducing new technology in the division.

Laboratory Assistant

- He/she is required to assist SA/SO/AD/DD and Director in examination evaluation and comparison of clue material especially for systematic arranging of exhibits and reagents.
- To maintain register of the division concerned for making entries of the exhibits/cases received in the division. He/she also has to maintain all the records of chemical, glassware and equipments and to prepare data whenever required.
- To perform another duties assigned by senior officers.

Laboratory Attendant

- To clean the laboratory tables / apparatus sinks, shelves, furniture and other items in the division.
- To hold and carry exhibits, glass-apparatus, reagents from where required.
- To cut open /seal the exhibits of the Division in the presence of experts and to carry them from one Division to another or to Crime branch.
- To perform any other duties assigned by senior officers for the cleanliness of the laboratory as a whole and for carrying materials and other items for the functioning of the laboratory.

HIMACHAL PRADESH FORENSIC SCIENCE DEVELOPMENT BOARD

The Government of Himachal Pradesh constituted Himachal Pradesh Forensic Science Development Board vide Notification No. Home (A)B(12)3/94 dated 09.12.2005 to augment forensics in Himachal Pradesh with specific terms of reference including implementation of National Human Rights Commission Core Group Report-1999 in a phased manner. The composition and terms of reference of H.P. Forensic Science Development Board is as under:

NOTIFICATION

The Governor, Himachal Pradesh, is pleased to constitute the Himachal Pradesh Forensic Science Development Board in the following manner in order to encourage the development and use of Forensic Science for investigation of crime in the state:-

Hon'ble Chief Minister, Himachal Pradesh.	Chairman
Chief Secretary to the Govt. of H.P.	Vice-Chairman
Advocate General, Himachal Pradesh, Shimla.	Member
Addl. Chief Secretary/Pr. Secretary (Finance) to the Govt. of Himachal Pradesh.	Member
Pr. Secretary (Home) to the Govt. of H.P.	Member
Director General of Police, Himachal Pradesh.	Member
Director-cum—Chief Forensic Scientist, Directorate of Forensic Science, MHA, GOI, New Delhi or Regional Forensic Science Lab. Chandigarh.	Member
Director, Vigilance, Himachal Pradesh.	Member
Director, Prosecution Govt. of Himachal Pradesh.	Member
Director, State Forensic Science Lab. H.P.	Member Secretary
Addl. Director General (APT), H.P. Shimla.	Member
Professor & Head, Deptt. of Forensic Medicine, IGMC, Shimla.	Member

The Vice Chairman shall preside over meetings of the Board in the absence of the Chairman. The Board may co-opt experts for any meeting of the Board. TA/DA of members and experts, if any, shall be borne by parent organization. The Board will be serviced from the Forensic

Science Lab. Junga.

The Board shall meet quarterly to monitor development, proper functioning and progress of the Forensic Science set-up in Himachal Pradesh and shall approve a five year Perspective Plan as well as Annual Plans of Action for induction of Forensics into investigation and prosecution.

Terms of reference:

The terms of reference of the Board shall be as under:-

1. To lay down basic policies in application of Forensic Science to crime investigation and to ensure progressive development of Forensic Science services in the State in a time bound manner.
2. To oversee implementation of the recommendations contained in the National Human Rights Commission Core Group Report-1999, Plan for modernization of Forensic Science set-up in Himachal Pradesh 2000 and the two member committee report on Forensic Science submitted by Dr. M. S. Rao, Director-cum-Chief Forensic Scientist, Ministry of Home Affairs, Govt. of India, New Delhi on 31.3.2000 to Home Department in a phased manner.
3. To ensure autonomy, transparency, impartiality and credibility of the Forensic Science reports in the State and that of the Forensic Science institutions.
4. To identify needs for creation of different specialties/facilities in Forensic Science set-up in the State and providing facilities for the same. This will include creation of Regional Forensic Science Laboratories with mobile units at Range headquarters in Himachal Pradesh for providing quick response Forensic Science at the scene of crime.
5. To ensure that forensic inputs are effectively utilized in investigation and prosecution and to lay down training and communications policies for the purpose.
6. To analyze important cases of investigation/prosecution failure to identify additional forensic inputs that may be necessary to raise the success rate of conviction.
7. To approve the Annual Report of the Forensic Science Lab. and its contribution to investigation and successful Prosecution.

(BY ORDER)
Chief Secretary
to the Government of Himachal Pradesh

PURCHASE OF STORES

There is no separate wing to effect purchases in the department. In order to bring transparency, the Government vide notification No. Home-C(C)14-1/2 dated 13.3.2007 constituted a committee to have all major purchases in Machinery & Equipment and Material & Supply budget head through the purchase committee. The composition of the committee is as under:

NOTIFICATION

In supersession to this department notification of even number dated 27.2.2007, the Governor, Himachal Pradesh is pleased to re-constitute a purchase committee consisting of following officers in the office of State Forensic Science laboratory, Junga to effect purchases and authorization of expenditure in Machinery and Equipments/Material and Supplies from sources as required/necessitated in view of provisions contained in H.P. Financial Rules, 1971:-

- | | | |
|----|---|-----------------|
| 1. | Director, FSL | Chairman |
| 2. | Commandant/Asstt. Commandant
Police Battalion at Junga. | Member |
| 3. | Assistant Director/Scientific Officer
of concerned Division of SFSL. | Member |
| 4. | S.O. (Accts.), PHQ | Member |

(BY ORDER)
Pr. Secretary (Home)
to the Government of Himachal Pradesh



A View of Rapid Evidence Screening System at State FSL, Junga

STATE FORENSIC SCIENCE LABORATORY

INTRODUCTION:

The State FSL is located at Junga a distance of 25 km from the state capital of Himachal Pradesh, where first Finger Print Bureau of the world remained (1905-1922) and the second oldest forensic institution in the world 'GEQD Shimla' was established in 1906. The Junga remained capital of erstwhile princely state Keonthal ruled by Chandrabansi dynasty. HH Hitender Sen, 77th Raja, was the last ruler of Keonthal state. Junga is strategically located at the centre of the triangle formed by Shimla, Chail and Kufri, famous tourist destinations, at an elevation of 5350ft. The weather at Junga remains pleasant throughout the year.

The State FSL complex comprises of an administrative block, laboratory blocks and residential Quarters. The covered floor area of administrative & laboratories blocks is about 33000 square feet. The State FSL receives cases for examination from the districts of southern range viz. Shimla, Kinnaur, Solan and Sirmour. The Forensic Psychology, NDPS and Fingerprint Bureau caters to the needs of all the districts of Himachal Pradesh. Analysis of crime exhibits and research problems require consultation of literature, accordingly, a library with books and journals is available.

A First: Expert testimony through Video Conferencing facility was established at Forensics Headquarters in 2015. A Pilot Project "One District one Police Station" (ODPS), first of its kind in the country, was extended to PS Sadar Shimla in 2017.

The laboratory succeeded in getting ISO/IEC 17025:2005(2018) and thereafter ISO/IEC 17025:2017 accreditation from NABL. The DNA division is successfully participated in the International Quality Assurance DNA testing and proficiency program organized by Academia Iberoamericana de Criminalística y Estudios Forensics (AICEF), Spain every year. The NDPS division of State FSL is registered with the United Nation Office on Drugs & Crime (UNODC).

The construction of the Super-Speciality Block with an estimated cost of Rs.10 crores is coming up and likely to be completed in the first quarter of 2025.

WORKING:

There are ten scientific Divisions with fourteen specialties.

- ✓ Biology & Serology
- ✓ Chemistry & Toxicology
- ✓ Digital Forensics
- ✓ DNA
- ✓ Documents and Photography
- ✓ Forensic Psychology
- ✓ NDPS
- ✓ Physics & Ballistics
- ✓ State Finger Print Bureau
- ✓ Voice Analysis

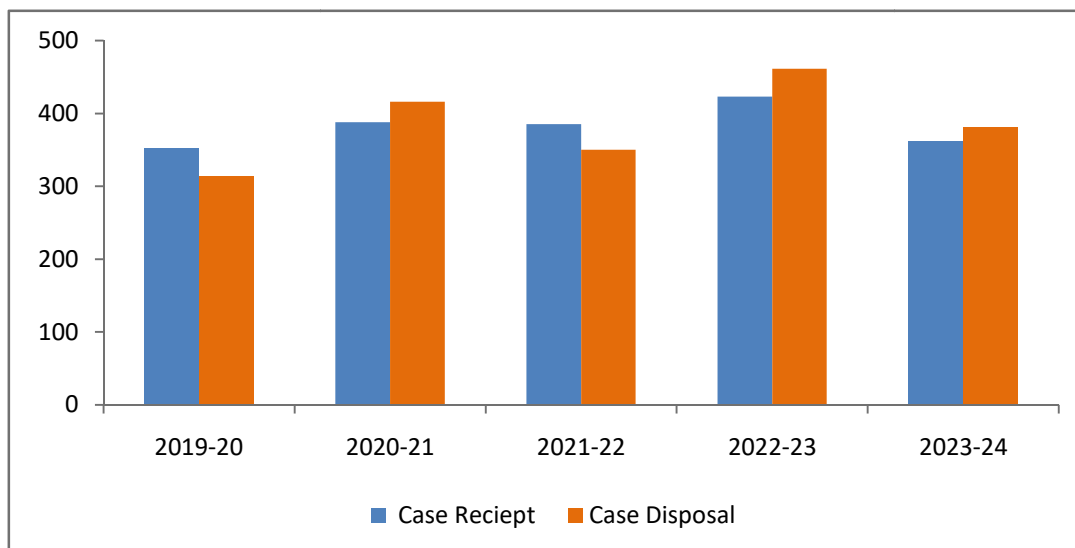


Biology & Serology Division:

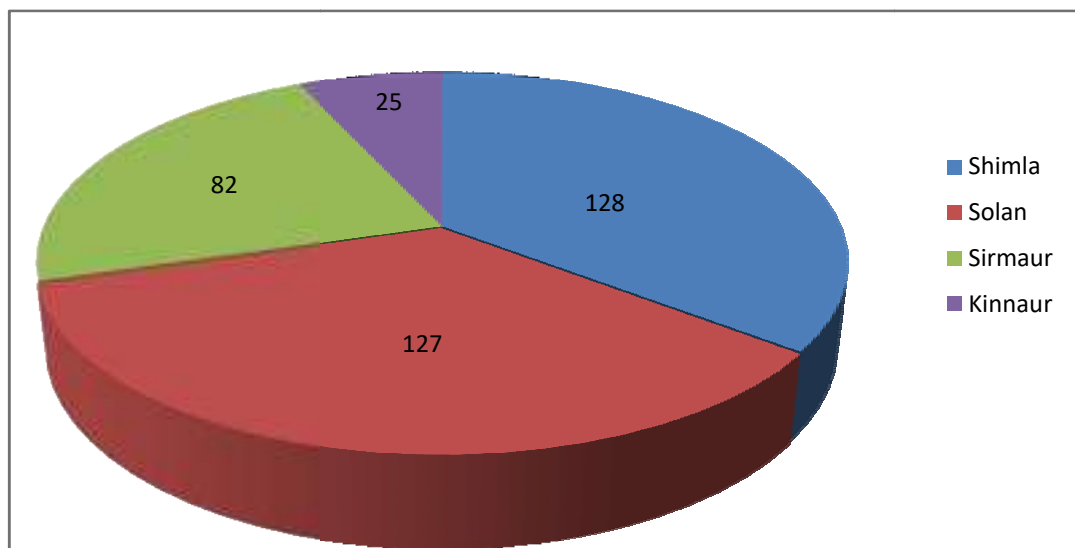
Evidences of biological origin play a vital role in cases of homicide, suicide or accidental death, sexual assaults and in cases of wildlife (flora and fauna) besides ante-mortem or postmortem drowning. The clues are examined for the purpose of identification and comparison with control samples. The types of evidences examined are as under:

- Blood, semen and saliva
- Vomit, fecal matter
- Tissues and skin
- Bones
- Hair
- Maggots
- Wood and plant material
- Animal skin, blood, flesh etc.
- Diatom in drowning cases

FIVE YEARS CASE STATISTICS



DISTRICT WISE RECEIPT (2023-24)

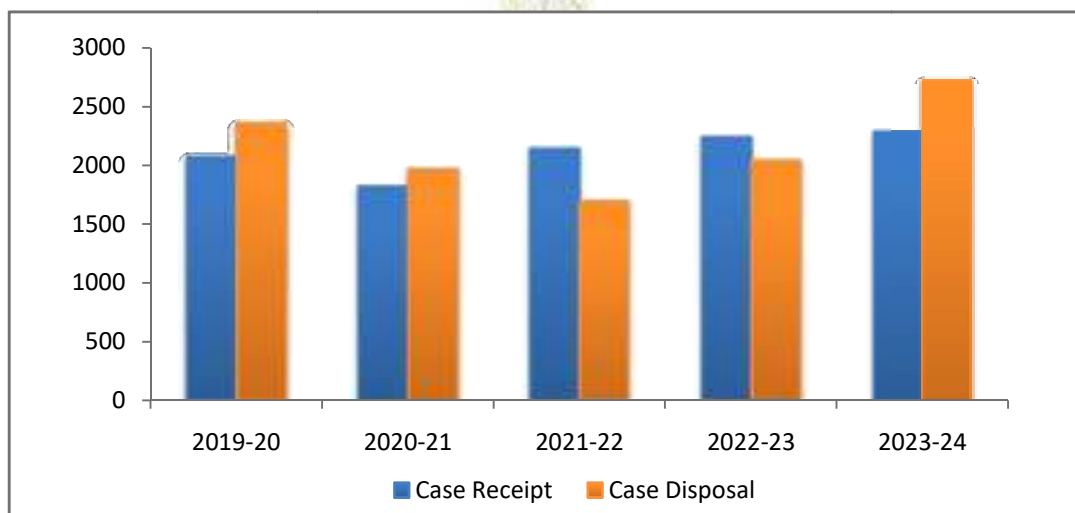


Chemistry & Toxicology Division:

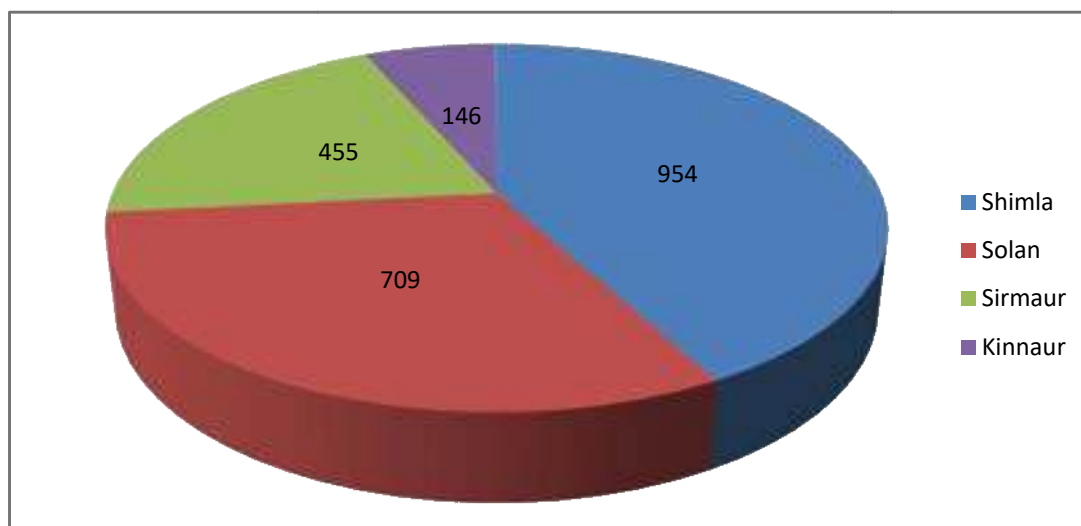
The insecticides and pesticides are widely used in the state for agricultural purposes. Thereby, making accessibility easy for common man as poisons. In addition, large number of deaths per annum is reported during road accidents, thereby, contributing more viscera cases. Also, the division undertakes the examination of excise cases. The following clue materials are examined:

- Chemical identification of unknown substances
- Poisons from viscera samples
- Petroleum products residues in arson , dowry deaths & in adulteration cases
- Alcohol from blood and urine for drunkenness
- Acid and alkali attacks
- Grease, Wax, natural oils and resins
- Trap cases
- Hooch tragedy cases
- Cosmetics and organic dyes
- Liquor cases

FIVE YEARS CASE STATISTICS



DISTRICT WISE RECEIPT (2023-24)

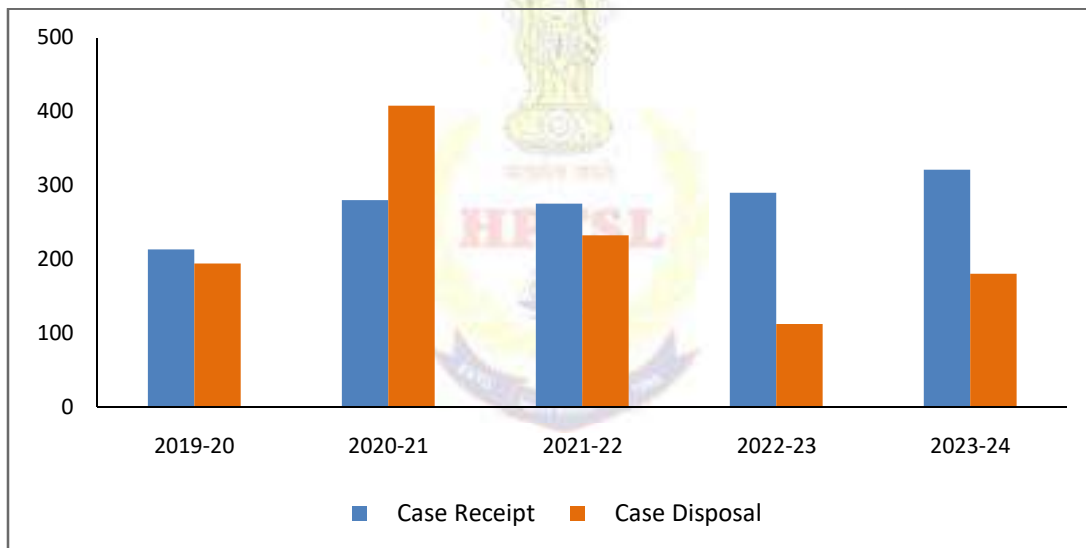


Digital Forensics Division:

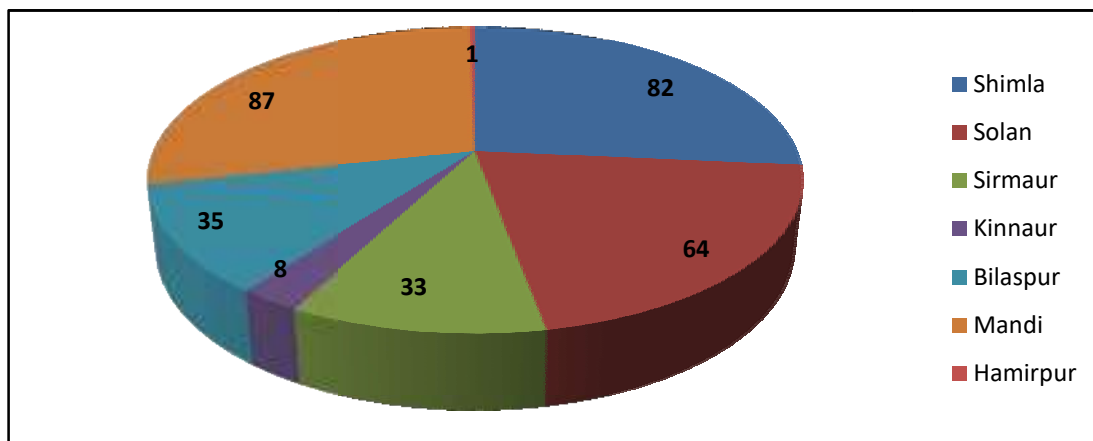
The Digital Forensics work initially commenced in the Document & Photography Division in the year 2010 to examine and report digital evidences encountered in crime cases. Thereafter, infusion of digital technology in all spheres of activities leads to tremendous increase in the receipt of digital evidences. As a result, dedicated Digital Forensics Division was created by the State Govt. in the year 2015 and became operational in the year 2023. The division undertakes the examination of:

- Media Forensics (RAM, ROM (HDD, SSD etc.)
- Cell Phone Devices
- Cloud Storage
- Drones
- SIM Cards
- Flash Drives
- DVR/NVR
- Digital Camera

FIVE YEARS CASE STATISTICS



DISTRICT WISE RECEIPT (2023-24)

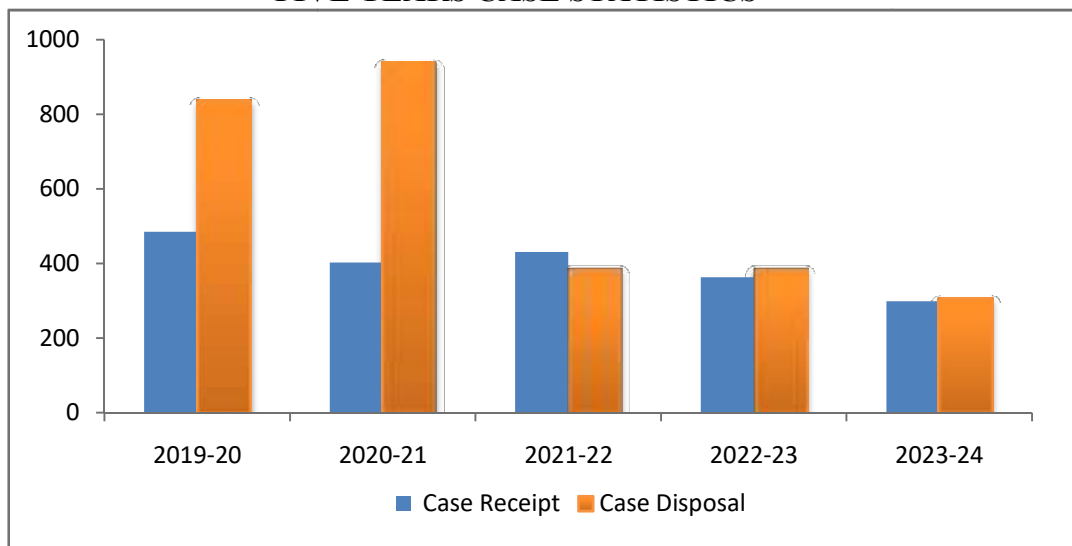


DNA Division:

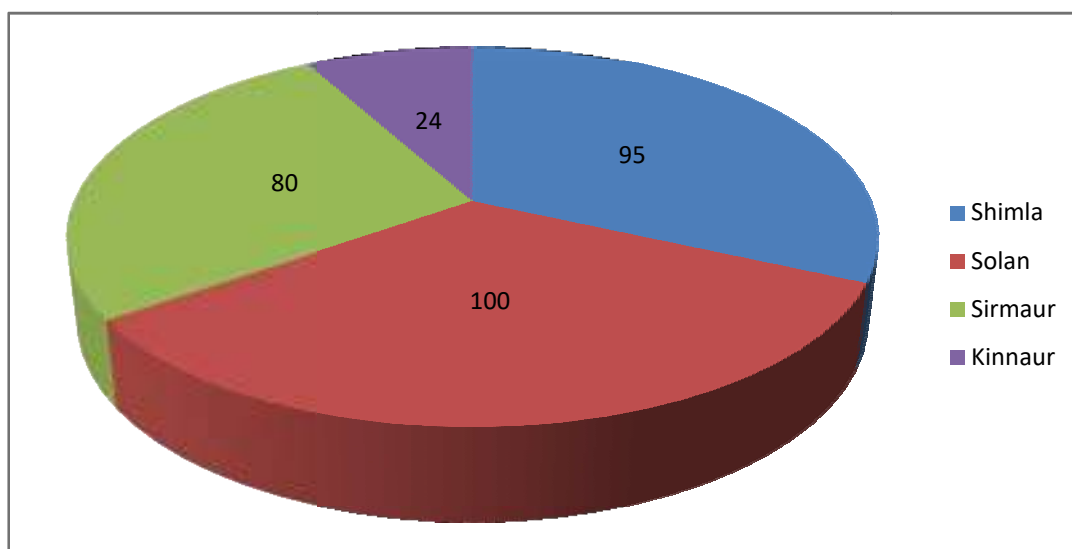
DNA division provide irrefutable linkage in the offences like sexual assaults (including cases registered under POCSO Act 2012), homicides, murder, unidentified dead bodies in mass disasters, paternity etc.. The division undertakes DNA profiling of biological clues such as:

- Human body fluids (blood, semen, saliva, urine etc.)
- Human body tissues (hair, skin, flesh & bone)
- Nail bed materials
- Teeth
- Vomit
- Foetal remains & retained product of conception
- Saliva from cigarette/bidi butts
- Wildlife flora and fauna

FIVE YEARS CASE STATISTICS



DISTRICT WISE RECEIPT (2023-24)

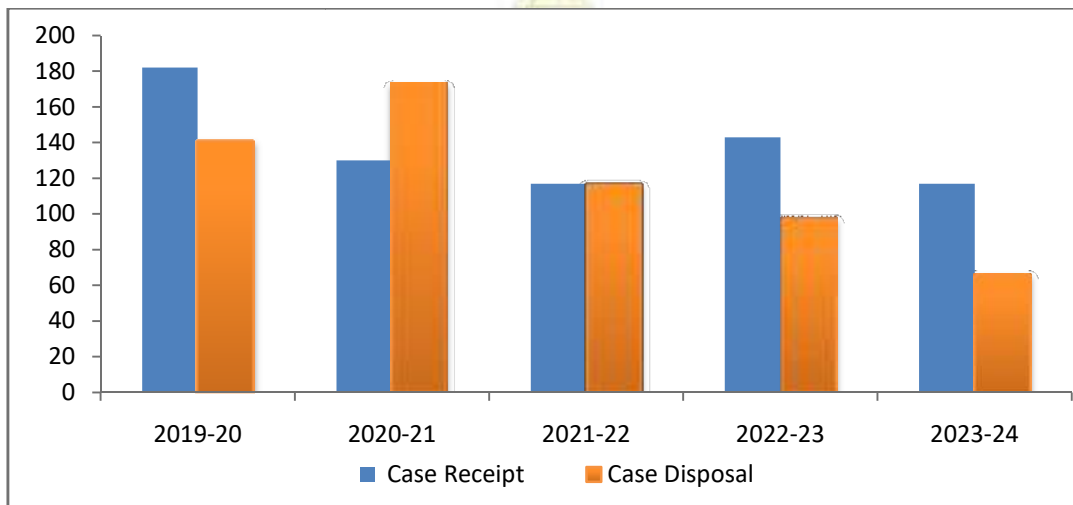


Document & Photography Division:

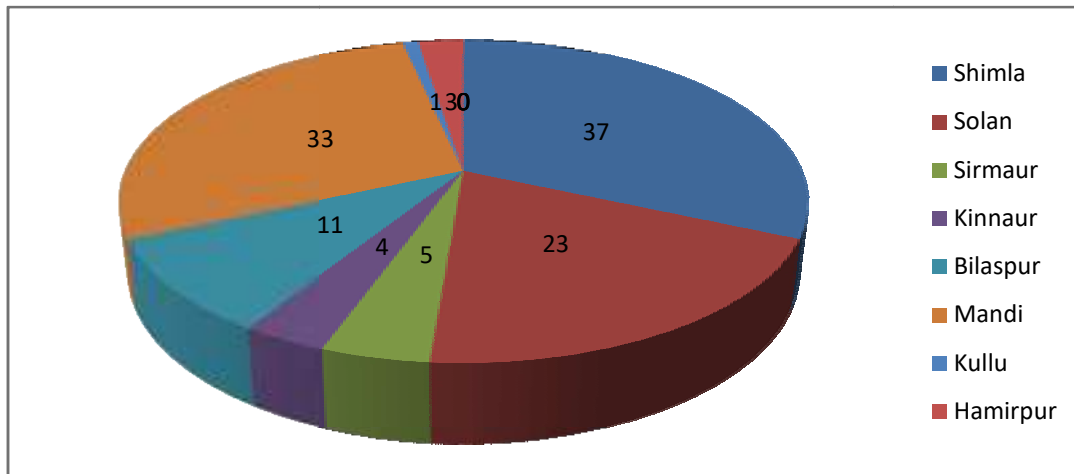
The founder Director of State FSL examined and reported cases of handwritings, frauds & forgery, alteration, obliteration, additions, and substitutions etc. till September 1993. Thereafter, the examination work stopped and again commenced when new scientific posts were filled up by the State Govt. in 2000. The division undertakes examination of:

- Handwriting & signature
- Type writing including electronic typewriting
- Computer printout
- Printed material
- Additions, Alteration, obliteration, substitutions, erasures
- Stamps & seals
- Counterfeit currency
- Financial & Security documents
- Passports
- Financial Documents (Credit Card, Debit Card)
- Burnt & soiled documents,
- Paper and ink analysis
- Scene of crime photography
- Inter and intra division photography

FIVE YEARS CASE STATISTICS



DISTRICT WISE RECEIPT (2023-24)

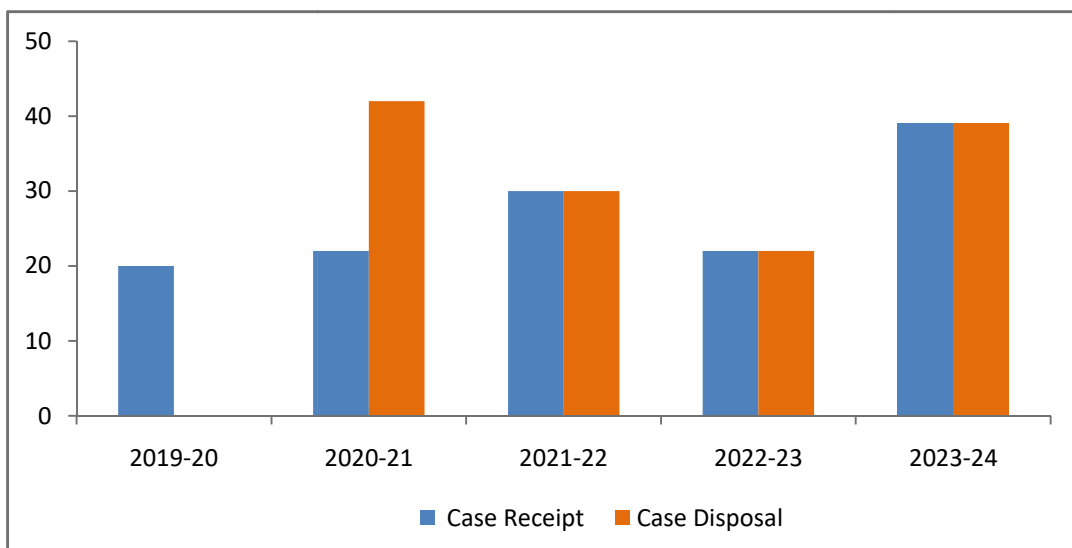


State Finger Print Bureau:

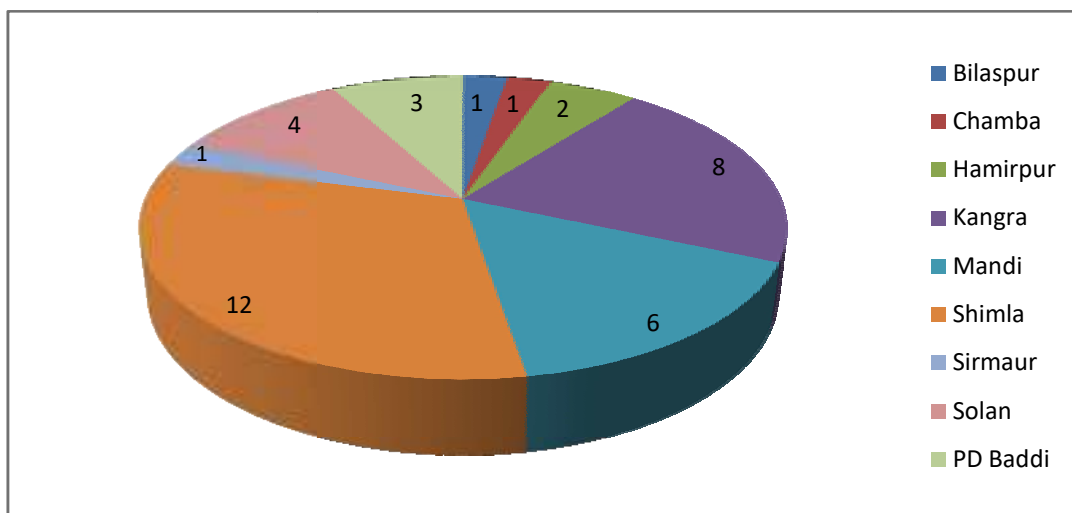
The State Finger Print Bureau, under the aegis of police in criminal investigating department, was established in January 2003 in Himachal Pradesh. The state Govt. made amendments in the Police Act 2007 and placed the Finger print Bureau under the administrative control of Director Forensics Services Himachal Pradesh in the year 2018 to bring all forensic facilities under one roof. It was modernized with the National Automated Fingerprint Identification System (NAFIS) for generating database and its access to National database. The Finger Print Bureau undertakes the followings:

- The preservation of ten digit finger print slips of convicted criminals in the NAFIS
- The preservation of ten digit finger print slips of arrested criminals in the NAFIS
- Lifting of latent prints at scene of crime in the Southern range
- Comparison of chance prints

FIVE YEARS CASE STATISTICS



DISTRICT WISE RECEIPT (2023-24)

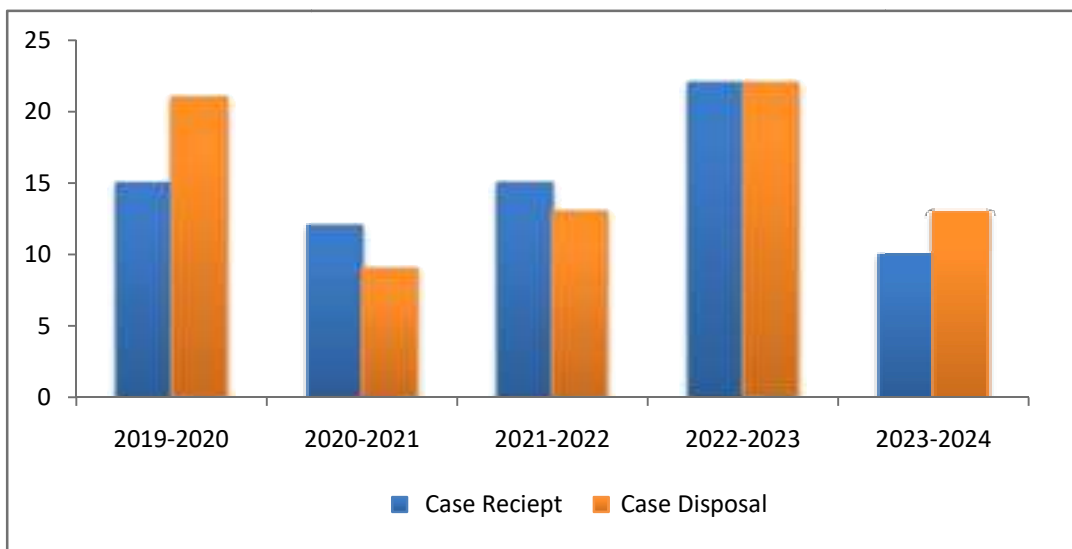


Forensic Psychology Division:

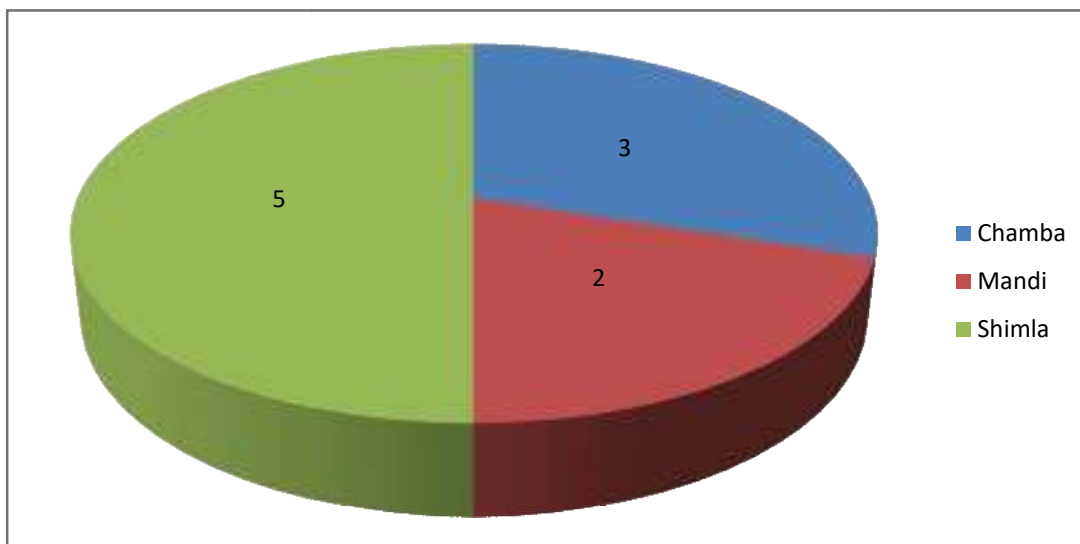
With the increased awareness in the society about protection of human rights, scientific interrogation techniques in crime investigation have become imperative to replace third degree methods of interrogation. This approach is an ideal conforming to scientific protocols of interrogation in all types of crime and economizes the interrogation process by screening the large number of suspect/subjects in a short time without violation of human rights. Prior 2018, Himachal Pradesh Police was dependent on FSL Gandhinagar, Gujarat and CFSL, CBI Delhi for examination of Lie Detection cases. Forensic Psychology Division has been equipped now with state of the art facilities like Layered Voice Analysis (LVA) acquired from Israel and Brain Electrical Oscillations Signature Profiling (BEOS) as investigation tool. The division undertakes primarily examination of Lie Detection cases in criminal investigations to check:

- Veracity of statement of suspects, witnesses, complainants and victims of crime.

FIVE YEARS CASE STATISTICS



DISTRICT WISE RECEIPT (2023-24)

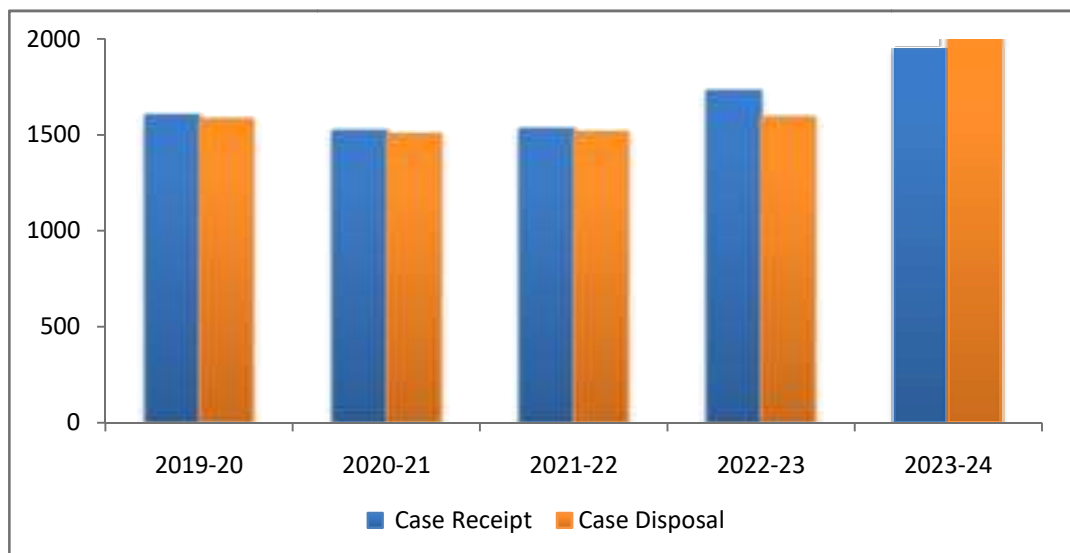


Narcotic Drugs and Psychotropic Substances (NDPS) Division:

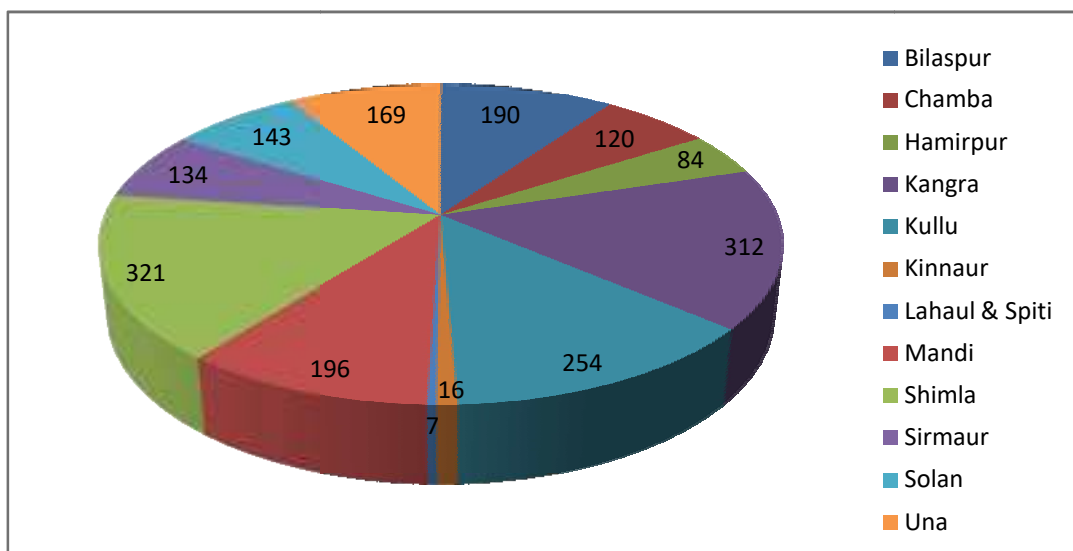
With the increase in the number of NDPS cases in the state due to influx of foreign nationals for world famous Malana cream (Hashish derived from the flower of female cannabis ‘Bhang’ plant), the NDPS division was established in 2006. The substantial increase in the receipt of crime cases experienced during the year due to special drive launched by the Govt. against drug menace. The trends in NDPS drugs show a shift towards more potent, synthetic substances and new drug forms like NPS and fentanyl analogues. The division undertakes examination of the followings:

- Opium, poppy straw, heroin/smack/brown sugar
- Charas, ganja, bhang & hashish oil
- Cocaine
- LSD, amphetamines & methamphetamines
- Benzodiazepines & prescription drugs
- Manufactured & Designer drugs

FIVE YEARS CASE STATISTICS



DISTRICT WISE RECEIPT (2023-24)

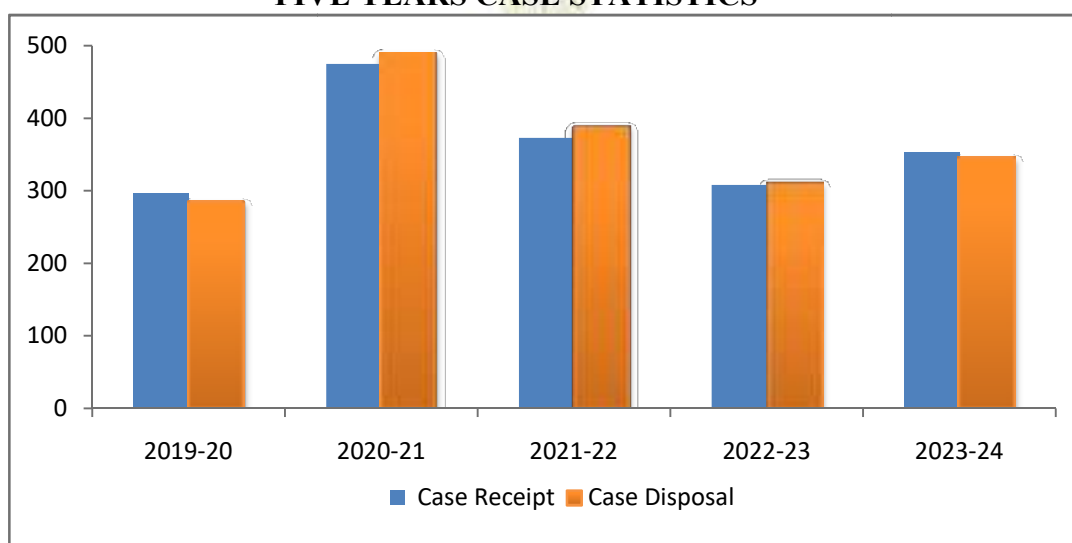


Physics & Ballistics Division:

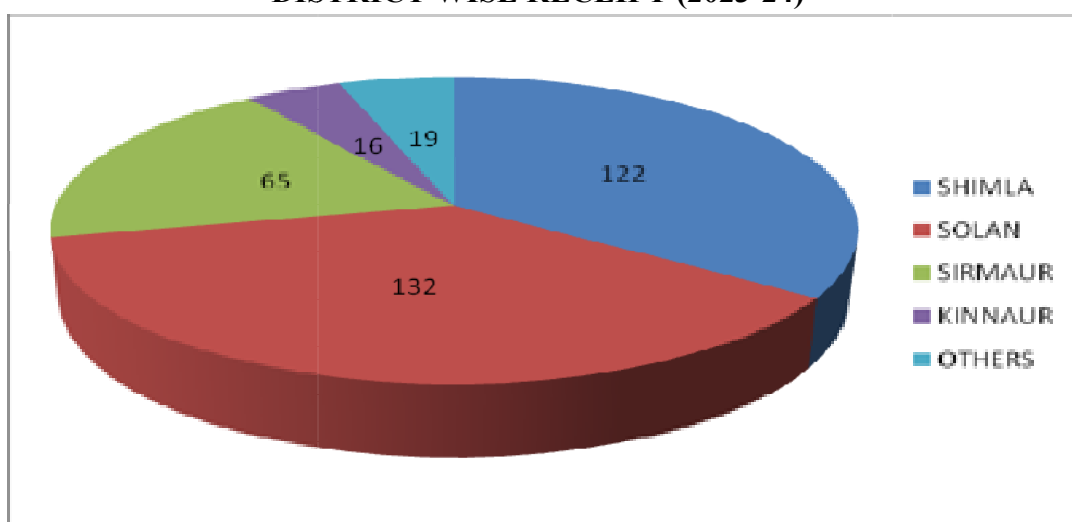
The founder Director of State FSL examined and reported crime exhibits related to physics & Ballistics till September 1993. The work again started after recruitment of scientific staff in the year 1999 for Physics & Ballistics Division. The division plays a vital role in forensics, particularly in understanding the mechanics of crimes involving firearms, projectiles, road accident & post-blast residues in explosive cases. This division undertakes examination of followings:

- Tool marks & cables
- Footprints, shoe prints & tyre marks, skid marks
- Paint and glass
- Building materials & Bitumen
- Paper & fiber
- Metal adulteration in jewellery
- Soil
- Electric short circuit clues
- Resuscitation of vehicle chassis and firearms numbers
- Firearms, ammunition & gunshot residues etc
- Post-blast residues

FIVE YEARS CASE STATISTICS



DISTRICT WISE RECEIPT (2023-24)



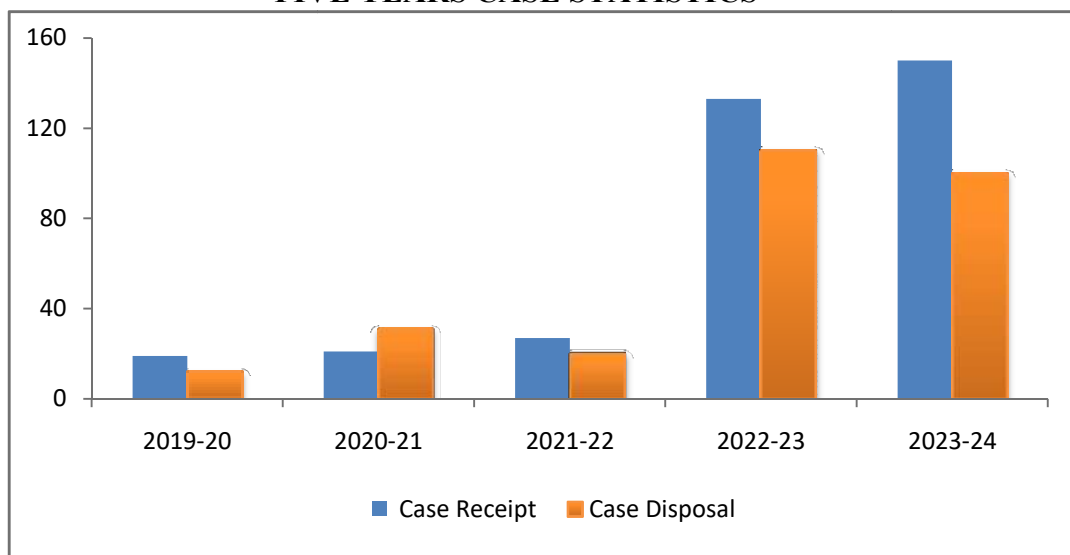
Voice Analysis Division:

Prior to 2015, the Himachal Pradesh Police was dependent on the CFSL, Chandigarh and CFSL, CBI, New Delhi for the recording of voice samples and analysis of Voice identification and authentication. With the increase in the voice analysis cases in the state and demand of the investigating agencies, the Voice Analysis Division was created in the year 2015 by the Govt. of HP and was made operational in Physics & Ballistics Division with necessary infrastructure in the year 2018. T

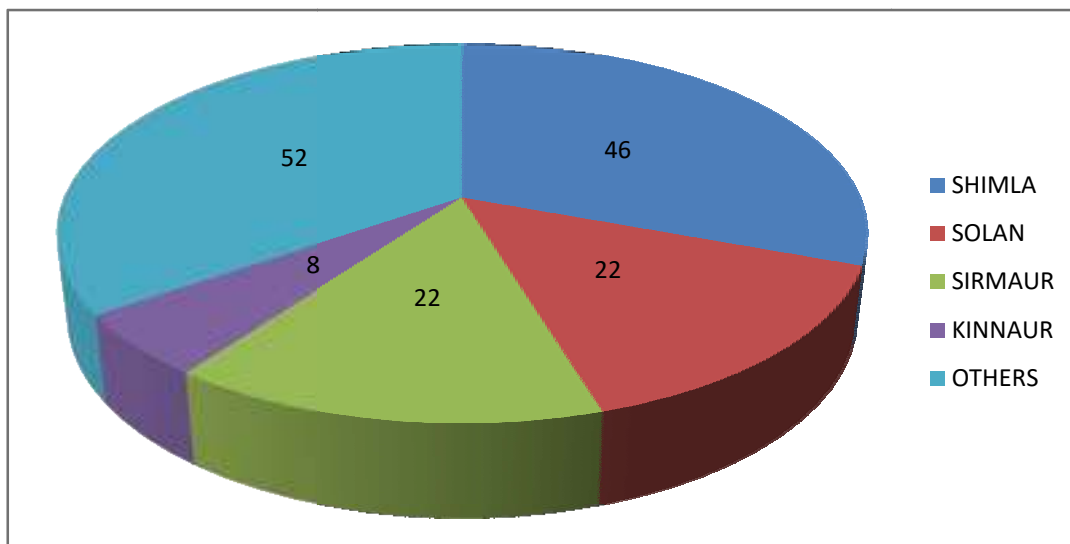
The division is equipped with advanced version of automated Computerized Voice Analysis System “ACUSTEK” from Ireland and carries out the recording of specimen voice samples on the request of the investigation agencies. And undertakes the followings:

- Audio-Video authentication excluding deep fakes
- Matching of Voice samples excluding deep fakes
- Image authentication and comparison
- Video enhancement

FIVE YEARS CASE STATISTICS



DISTRICT WISE RECEIPT (2023-24)



TEACHING & TRAINING

Name & Designation	No. of lectures / demonstrations
Dr. Meenakshi Mahajan, Director Forensics	15
Dr. Aparna Sharma, AD (DNA)	06
Dr. Vivek Sahajpal, AD (DNA)	07
Sh. Kapil Sharma, AD (NDPS)	07
Dr. S. K.Pal,AD (Bio & Sero)	04
Sh. Rajesh Kumar, AD (Chem &Toxi)	04
Dr. Shivalika Sharma, AD (Psych.)	07
Sh Mam Raj Sharma, AD (Docu & Photo)	03
Sh. Rahul Sharma, Dy SP (FPB)	45
Sh Sanjeev Singh, SO (Phys. & Ball.)	06
Dr. Shivani Vats, SO (DNA)	02
Sh. Harish Bhardwaj, SO (Bio & Sero)	05
Sh. Laxmi Dutt, SO (Chem & Toxi)	01
Sh. Sanjeev Kumar, SI (State Finger Print Bureau)	48
Sh. Daya Lal, ASI (State Finger Print Bureau)	45
Sh. Lalit Kumar, HC (State Finger Print Bureau)	45
Sh. Ranvir Singh, HC (State Finger Print Bureau)	45

TRAININGS ATTENDED

Training is a key feature rather essential aspect of Human Resource Management. Training interventions often aim to affect the attitude as a way of honing up the skill and behavior. Accordingly, officers and officials are deputed from time to time to undergo training in different institutions.

Name & Designation	Details of the Training
Dr. Vivek Sahajpal AD (DNA) & Sh. Kapil Sharma AD (NDPS)	<ul style="list-style-type: none"> • e-Office at Himachal Institute of Public Administration, Fairlawns, Shimla on 1.8.24
Dr. S K Pal AD (Bio & Sero)	<ul style="list-style-type: none"> • Application of the Compound Microscope and Biological Comparison Microscope at Directorate of Forensics Services, Himachal Pradesh on 26.5.23
Sh. Rajesh Kumar AD (Chem &Toxi)	<ul style="list-style-type: none"> • Analysis of Drugs of Abuse and Poisons in Biological Samples at Directorate of Forensics Services, Himachal Pradesh on 25 - 26.4.2023
Dr. Shivalika Sharma AD (Psych.)	<ul style="list-style-type: none"> • e-office at Directorate of Forensics Services, Himachal Pradesh on 7 & 8.6.23 • Course on Office Procedure and Financial Administration at Himachal Institute of Public Administration, Fairlawns, Shimla w.e.f 1 - 5.9.23
Sh. Sanjeev Singh SO (Phys. & Ball)	<ul style="list-style-type: none"> • RTI Act, 2005 & HP Service Guarantee Act at Himachal Institute of Public Administration, Fairlawn, Shimla on 1 - 2.8. 23. • Manav Sampada at Himachal Institute of Public Administration, Fairlawns, Shimla on 1 - 2.9.23.

Sh. Harish Bhardwaj SO (Bio & Sero)	<ul style="list-style-type: none"> • Application of the Compound Microscope and Biological Comparison Microscope at Directorate of Forensics Services, Himachal Pradesh on 26.5.23
Dr. Shivani vats SO (DNA)	<ul style="list-style-type: none"> • Office Procedure and Financial Administration at Himachal Institute of Public Administration, Fairlawns, Shimla w.e.f 1 - 5.9.23
Sh. Ajay Singh Rana SA (Bio & Sero), Smt. Nisha Devi SA (Bio & Sero)	<ul style="list-style-type: none"> • Application of the Compound Microscope and Biological Comparison Microscope at Directorate of Forensics Services, Himachal Pradesh on 26.5.23
Smt. Sarita Gupta SA (Chem & Toxi)	<ul style="list-style-type: none"> • Analysis of Drugs of Abuse and Poisons in Biological Samples at Directorate of Forensics Services, Himachal Pradesh on 25 - 26.4.23

CONFERENCE/SEMINAR/WORKSHOP/SYMPOSIUM ATTENDED

Name & Designation	Activity
Dr. Meenakshi Mahajan Director Forensics	<ul style="list-style-type: none"> • India-UK Forensic Sciences and Cyber Security Conference at NFSU Gandhinagar on 11 - 12.12.24.
Sh. Visheshwar Sharma AD (Docu & Photo)	<ul style="list-style-type: none"> • Workshop on 3D Crime Scene Scanner at Directorate of Forensics Services, Himachal Pradesh on 15-16.5.23
Sh. Kapil Sharma AD (NDPS)	<ul style="list-style-type: none"> • Workshop on 3-D Crime Scene Scanner at Directorate of Forensics Services, Himachal Pradesh on 15 - 16.5.23. • Online Symposium on Forensic Science Solutions for Emerging Challenges in International Drug Control organized by Laboratory & Scientific Section, UNODC, Vienna, Austria w.e.f 10 - 12.10.23. • Workshop on Forensic Toxicology at Directorate of Forensics Services, Himachal Pradesh on 4 - 5.3.24. • Webinar on LIMS for Forensic Investigation at Illicit Drug Working Group, Asia Forensic Science Network, Singapore on 14.3.24.
Dr. S K Pal AD (Bio & Sero)	<ul style="list-style-type: none"> • Online Seminar series by FIU/Global Forensic and Justice Center, USA on 3.10.23.
Dr. Sanjeev Kumar, AD (Phys & Ball), Sh. Rajesh Kumar AD (Chem & Toxi) Dr. Shivalika Sharma AD (Psych.) Sh. Jaswant Singh SA (Docu & Photo) Sh. Ajay Singh Rana SA (Bio & Sero), Smt. Nisha Devi SA (Bio & Sero) & Smt Sarita Gupta SA (Chem & Toxi)	<ul style="list-style-type: none"> • Workshop on 3D Crime Scene Scanner at Directorate of Forensics Services, Himachal Pradesh on 15 -16.5.23

SESSION CHAIRED/RADIO TALK/TV TALK/INVITED TALK

Name & Designation	Activity
Dr. Meenakshi Mahajan Director Forensics	<ul style="list-style-type: none"> Delivered invited talk (online) in the Faculty Development Programme (FDP) organized by Institute of Forensic Sciences, Amity University, Noida on 22.12.23. Invited lectures on Forensic Science, Digital Forensics and Questioned Documents to the Judicial Officers.
Dr. Vivek Sahajpal AD (DNA)	<ul style="list-style-type: none"> Chaired a Session and delivered an invited talk at the National Symposium organized by Department of Forensic Medicine, Swami Vivekanand Subharti University, Meerut on 12 - 13.5.23. Invited talk at the National Symposium on “DNA profiling in India” organized by Thermofisher at NFSU, Gandhinagar on 1 - 2.11.23.
Sh. Kapil Sharma AD (NDPS)	<p>Invited talk on:</p> <ul style="list-style-type: none"> Narcotic Drugs: Their Classification, Effects and Screening Tests at H. P. Judicial Academy, Shimla on 20.5. 23. Introduction of Narcotic Drugs & Psychotropic Substances and Sampling in NDPS at 1st HPAP Battalion, Junga, Distt. Shimla on 12 - 13.6.23. NDPS at Central Detective Training Institute, BPR&D, MHA, Chandigarh on 22.12.23



Director Forensics Services, HP with trainee HAS Officers at Forensics Headquarters

INTERNSHIP TRAININGS

Sr. No.	Institute/ University	Duration	No. of Trainees
1.	Punjab University, Chandigarh	19.6 - 7.7.23	01
2.	Dyal Singh College, Karnal, Haryana	1.7 - 1.8.23	01
3.	K.R. Mangalam University, Gurgaon, Haryana	5 - 20.7.23	01
4.	Chandigarh College of Pharmacy, Chandigarh	4.12.23 - 3.1.24	02
5.	H. P. University, Shimla, H.P.	8 - 20.12.23 & 15.01 - 20.2.24	04 08
6.	A.P Goyal University, Shimla , H.P.	1.1 - 1.2.24	01
7.	Apex University, Jaipur, Rajasthan	5.1 - 4.3.24	08
8.	HP University, Shimla, H.P.	23.1 - 6.2.24	13
9.	Parul University, Waghodia, Gujrat	18 - 31.3.24	06
10.	A.P Goyal University, Shimla, H.P.	18 - 31.3.24	01
11.	Govt. Holkar Science Collage, Indore, M.P.	11 - 31.3.24	15
Total			61



Internship Trainees at State FSL, Junga, Shimla

SEMINAR /WORKSHOP/ COURSES ORGANIZED

With the aim to enhance forensic intervention in crime investigation, also mandated in the terms of reference of HP Forensic Development Board & by the enactment of HP Police Act, 2007, courses were organized. By adopting scientific means, professionalism in crime investigation is bound to increase. Similarly, it has become imperative to impart training to the officers of Judiciary and the prosecution department for better understanding, evaluation and appreciation of forensic reports in dispensation of justice. Further, it is also necessary to update the knowledge and skills of analysts to cope with emerging challenges and to imbibe the latest know how. In order to meet the objectives, the detail of courses organized is as under:

Course Details	Number of Participants
Workshop on 3D Crime Scene Scanner on 15 - 16.5.23	22
Workshop on Knowledge sharing on Digital Forensic on 23- 24.6.23	12
Two days workshop on “ Analysis of Drugs of Abuse and Poisons in Biological Samples” on 25 - 26.4.23	08
Induction Training Program for Additional Sessions Judge on 28 - 29.8. 23	01
Workshop on Forensic Toxicology on 4 - 5.3.24	12



Dr. Priyankar Ghosh, Former Director CFSL, Kolkata, MHA, GOI with Director Forensics Services, HP during a Two Days Workshop on Forensic Toxicology on 4-5.3.24

COURT EVIDENCE

Name & Designation	Number
Dr. Meenakshi Mahajan, Director Forensics	12
Sh. Visheshwar Sharma, AD (Docu & Photo)	20
Dr. Vivek Sahajpal, AD (DNA)	10
Sh. Kapil Sharma, AD (NDPS)	11
Sh. Rajesh Kumar AD (Chem &Toxi)	05
Sh. Mam Raj Sharma AD (Docu & Photo)	04
Dr. Shivalika Sharma, AD (Psych.)	01
Sh. Rahul Sharma, Dy SP (FPB)	05
Sh. Sanjeev Singh, SO (Phys & Ball)	03
Dr. Shivani Vats, SO (DNA)	10
Sh. Sanjeev Kumar, SI (State Finger Print Bureau)	01

SCENE OF CRIME

Name & Designation	Number
Dr. Meenakshi Mahajan, Director Forensics	05
Dr. Vivek Sahajpal, AD (DNA)	02
Dr. S.K. Pal, AD (Bio & Sero)	05
Sh. Sanjeev Singh, SO(Phys. & Ball)	13
Sh. Hari Krishan Bhardwaj, SO (Bio & Sero)	11
Dr. Shivani Vats, SO (DNA)	02
Sh. Sanjeev Kumar, SI (FPB)	06
Sh. Ajay Rana, SA (Bio & Sero)	25
Sh. Daya Lal, HC (FPB)	05
Sh. Lalit Kumar, HC (FPB)	05
Sh. Ranvir Singh, HC (State Finger Print Bureau)	05

RESEARCH PUBLICATIONS

- Sharma, S., Yadav, R., **Sahajpal, V.** *et al.* 'Genetic portrait of 23 Y-STR loci in the Brahmin population of Haryana, India'. *Rechtsmedizin* **33**, 410–420 (2023).
- Hooda N., Sangwan P., **Sharma K.** and Sharma N.K. 'Patterns of cannabis abuse cases from Himachal Pradesh: A retrospective evaluation.' *International Journal of Medical Toxicology & Legal Medicine*, 2023 (26: 1 & 2), 167-175

RFSL, NR, DHARAMSHALA

INTRODUCTION:

Dharamshala became headquarters of District Kangra in 1855 and is located in the shadow of Dhauladar mountains. The area known as Dharamshala was annexed by the British in the year 1848 and was also notified as the second capital of the state in 2017. The area was ruled by the Katoch dynasty of Kangra said to be the oldest serving royal family in the world. Kangra is famous for the Kangra tea. There are many temples in Kangra including Masroor Rock Cut temple dating back to 8th century and have carvings similar to Kailash temple at Ellora.

In the first meeting of the Himachal Pradesh Forensic Science Development Board, the Government approved setting up of Regional Forensic Science Laboratory, Northern Range to cover the farthest ends and to expedite delivery of forensic reports from the lab. In the beginning (2008), the RFSL, NR Dharamshala was temporarily housed in a rented accommodation, then the RFSL moved to its own complex in 2012. Later-on, to house new specialties viz DNA and Digital Forensics, another block adjacent to the existing complex was constructed with the floor area of about 14,000 square feet. The CCTV and the fiber Network installed in the new DNA & Cyber block. Another advanced instrument lab is also coming up. The RFSL, NR, Dharamshala caters to the needs of the districts viz. Kangra, Chamba, Una for chemistry & Toxicology, Biology & Serology and DNA; and six districts viz. Kangra, Chamba, Una, Hamirpur, Kullu and L&S for Documents & Photography and Digital Forensics. Besides this, the digital forensics cases from Enforcement Directorate, Govt. of India and CBI are also examined from the laboratory. The One District One Police Station: A Pilot Project was firstly launched from the premises of RFSL, NR, Dharamshala in the year 2013 for Police station Dharamshala in district Kangra and thereafter extended to Sadar Chamba in district Chamba in the year 2016.

The RFSL, NR is the First Regional forensic science laboratory in the country to get ISO/IEC17025:2005 NABL Accreditation in the year 2018 and thereafter ISO/IEC17025:2017 NABL Accreditation in 2020. The laboratory is successfully maintaining the accreditation till date and ensuring quality reports from the lab. Also, the laboratory became first RFSL in the country to get notified by Examiner of Electronic Evidence u/s 79A of IT Act, 2000 by Ministry of Electronics and Information Technology, GOI in 2019 for examination of Computer storage media and Cell phone devices and on the basis of annual assessment by MeiTY lab is successfully maintaining the same. Accordingly, the cases of Forensic Electronics and Computer Forensics and Cell phone from Enforcement Directorate are under taken in the Digital Forensic specialty.

The laboratory has established unique facility of examination of damaged Cell phone & Flash Drives in 2021 under Nirbhaya Fund provided by the Govt. of India, which is first of its kind in the Northern India.

The forensic experts are rendering services in the field of scene of crime examination and providing regular faculty to the Police Training College, Daroh & HP Judicial Academy.

The forensic experts of Forensic Documents successfully participating in Proficiency Testing Programmes (PT) organized by Asia's best Govt. Forensic Lab at Hong-Kong, AFSN Beijing China, NFS South Korea since 2016-17. Similarly, the forensic expert of DNA Profiling are successfully participated in the International Quality Assurance DNA testing and proficiency program organized by Academia Iberoamericana de Criminalística y Estudios Forensics (AICEF), Spain every year and the forensic expert of Chemical Sciences are successfully participating in International Collaborate Exercises with the United Nation Office on Drugs & Crime (UNODC), Vienna.

The RFSL, NR became first RFSL in the country to have its own residential complex comprising of twelve (12) no. staff quarters, four no each of Type IV, III and II for the officers and officials to ensure 24x7 availability of its experts for scientific examination of scene of crime. The construction work of advanced Instrumentation center is in progress and likely to be completed in the first quarter of 2025.

The laboratory has three divisions and eight specialties:

- **Biological Sciences**
 - ✓ Biology
 - ✓ Serology
 - ✓ DNA Unit
- **Chemical Sciences**
 - ✓ Chemistry
 - ✓ Toxicology
- **Physical Sciences**
 - ✓ Document
 - ✓ Photography
 - ✓ Digital Forensics



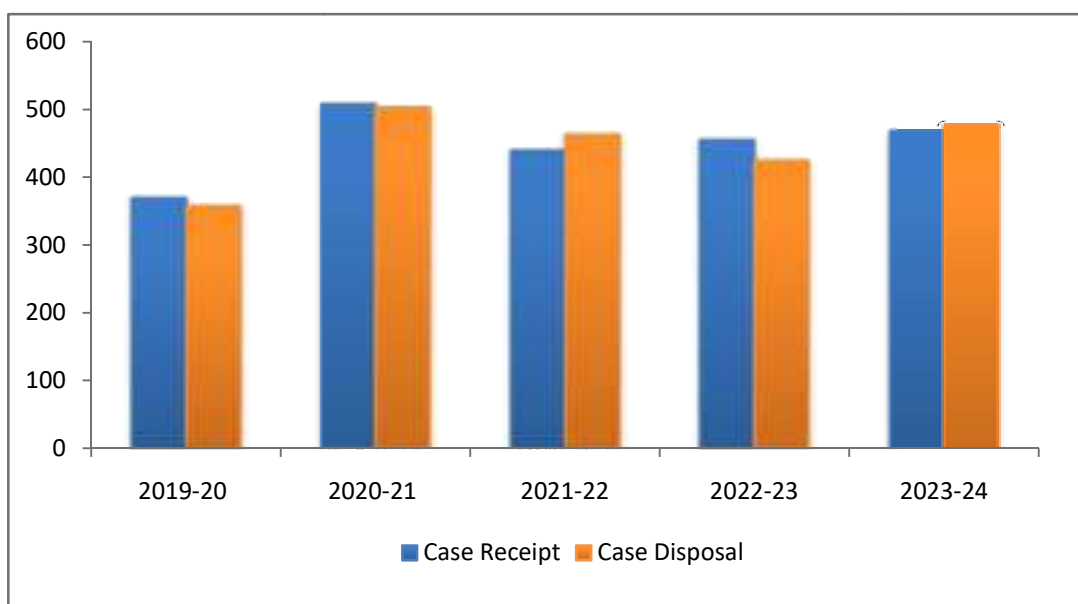
Assessors from MeitY, GoI for the Annual Assessment at RFSL, NR

Biology & Serology Division:

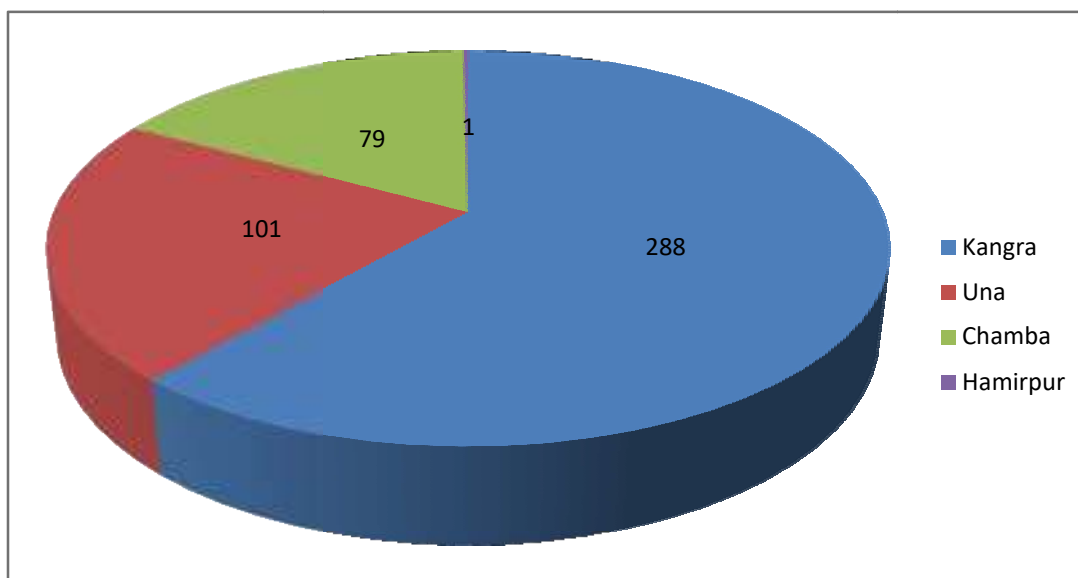
This division is functioning since 2008. The scientific posts were filled up in 2010. The division plays a vital role in cases of homicide, suicide or accidental death, sexual assault and drowning etc. The types of evidentiary clues examined in different cases for identification and comparison are as under:

- Blood, semen and saliva
- Diatom from bone sample
- Vomit and fecal matter
- Charred bones, tissues and skin
- Bone (animal and human)
- Hair (animal & human), fibre, feather
- Wildlife cases (flora and fauna)
- Wood and plant products
- Maggots

FIVE YEARS CASE STATISTICS



DISTRICT WISE CASE RECEIPT (2023-24)

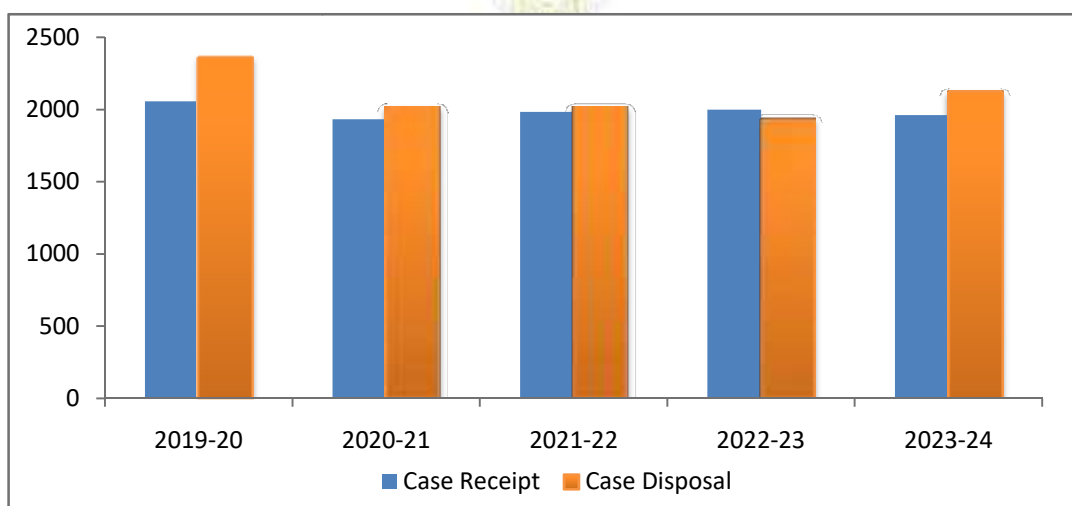


Chemistry & Toxicology Division:

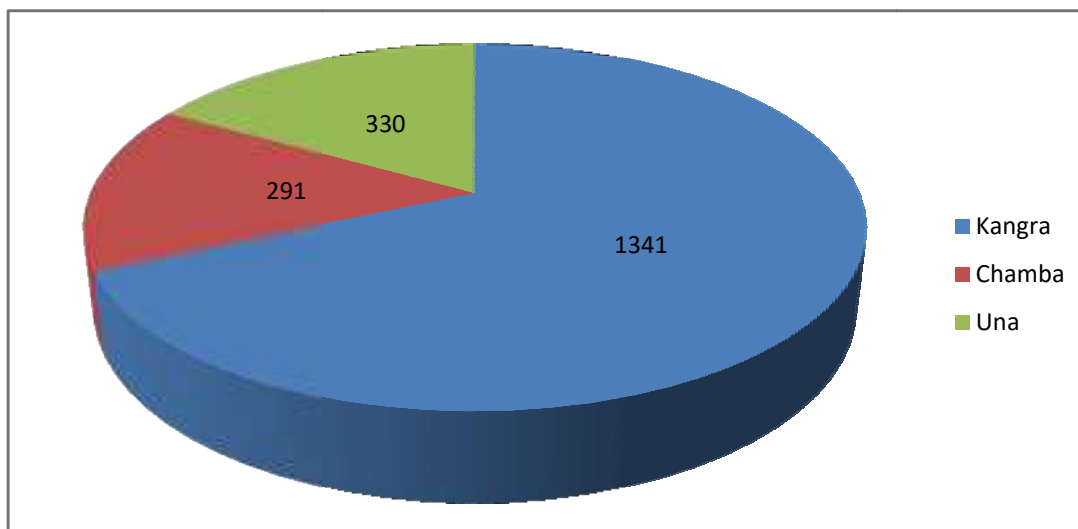
The division started examination of cases in the year, 2008. The examination of excise cases (liquor cases) has also been started in 2011. There has been regular updation of technology in the division. Now, Gas Chromatograph-Head Space (GCHS) Gas Chromatograph Mass Spectrograph (GCMS) has been added in the division and more instruments are in pipeline. Presently, the division undertakes examination of clue materials such as:

- Petroleum products residues in arson, dowry deaths and in adulteration cases
- Poisons from viscera samples
- Alcohol from blood and urine for drunkenness
- Trap cases
- Liquor cases
- Hooch tragedy cases
- Acid attacks
- Grease, wax, oils and resins
- Cosmetics and organic dyes
- Chemical identification of unknown substances

FIVE YEARS CASE STATISTICS



DISTRICT WISE CASE RECEIPT (2023-24)

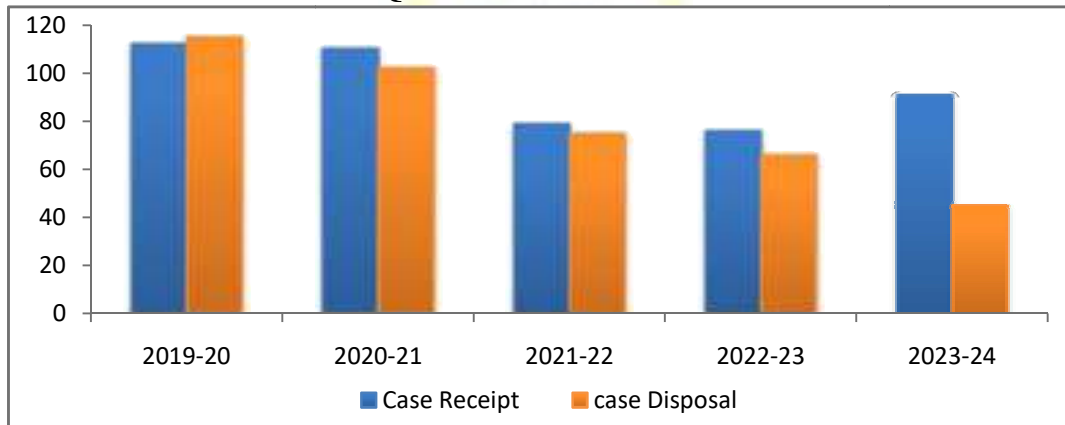


Document & Photography Division:

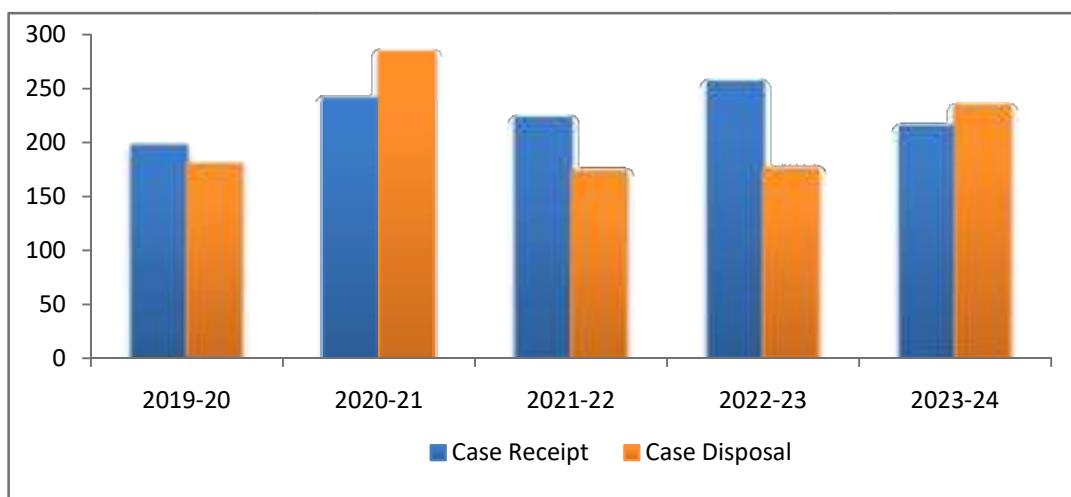
Forensic Document is the systematic and scientific study of holomastic and onomastic documents. The Document and photography Division was established in July, 2008. The crime cases pertaining to Forensic Documents from Districts Kangra, Chamba, Una, Hamirpur, Kullu, Lahaul Spiti, SV&ACB of Northern Range, CID Unit of Northern Range besides cases from Judiciary are examined. With new initiatives, examination of cases pertaining to Cyber Forensics commenced in 2013 to cater the needs of investigation agencies. This division provides solutions in:

- Fraud and forgery
- Handwriting, signatures, type writings, computer printouts
- Stamps/seals, Counterfeit currency,
- Burnt/ soiled documents, Paper and ink analysis
- Genuineness of security documents viz. Passport, stamp and other financial documents
- Evaluation of erasures, obliterations, alterations, indentations etc.
- Preservation of hard disks, memory cards, pen drives, compact discs, digital video recorder and analysis of mobile phones
- Scene of crime photography and lab exhibit photography
- Facial comparison

FIVE YEARS CASE STATISTICS Questioned Documents

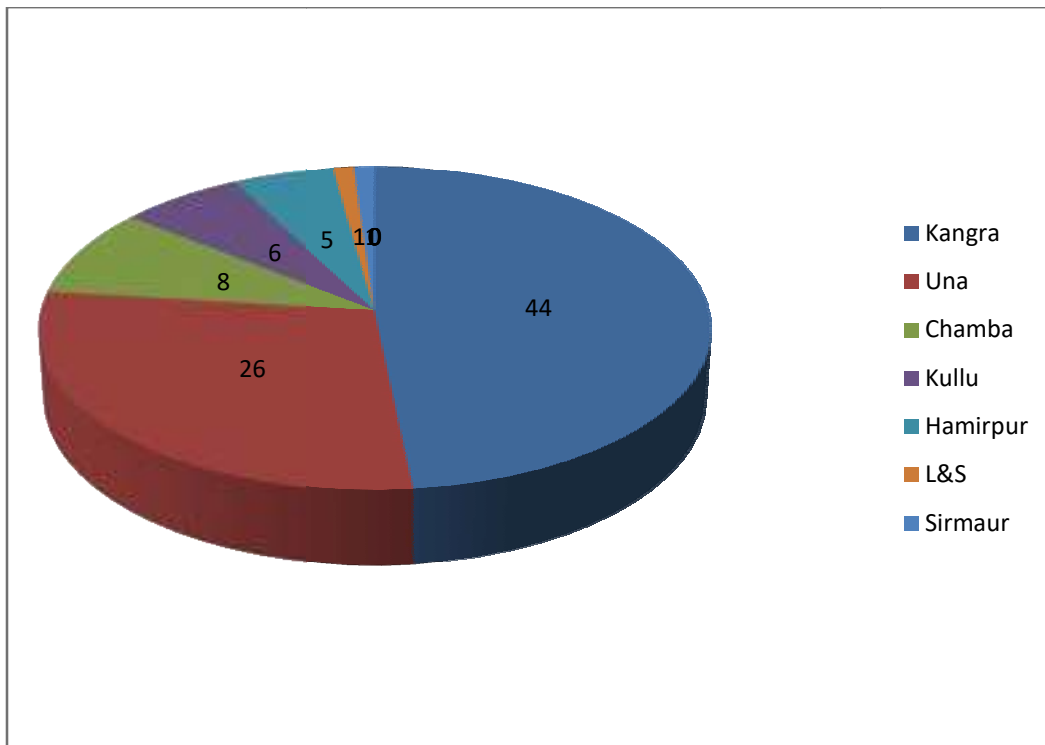


Cyber Forensics

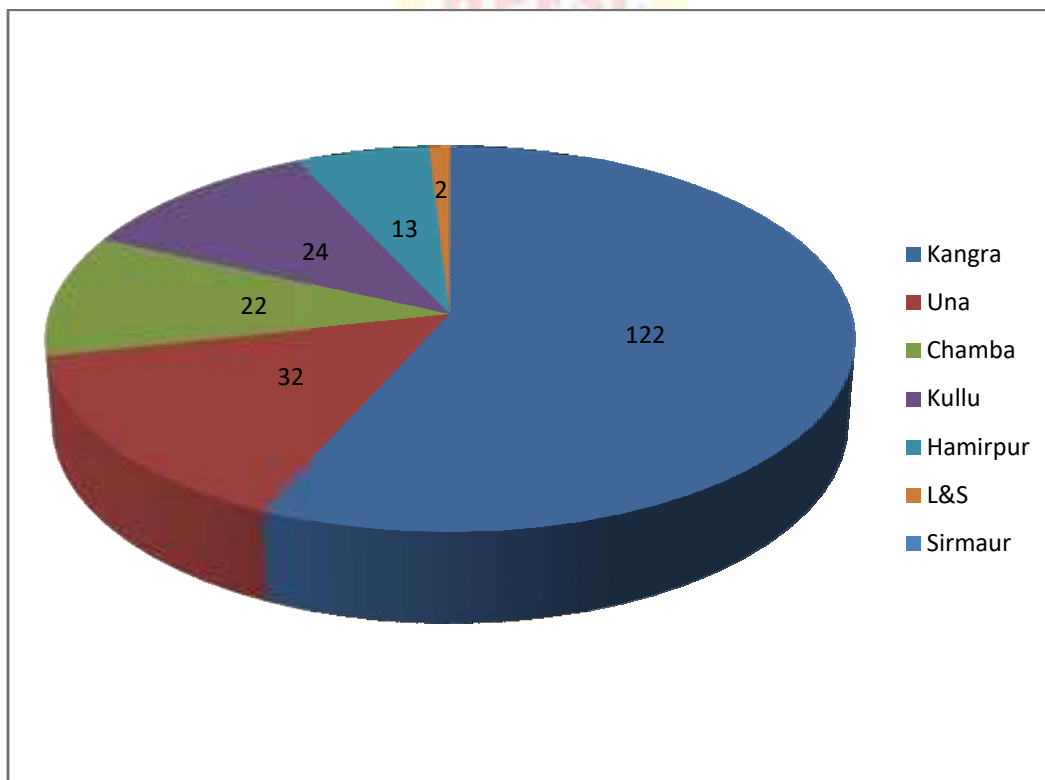


DISTRICT WISE RECEIPT (2023-24)

Questioned Documents



Cyber Forensics

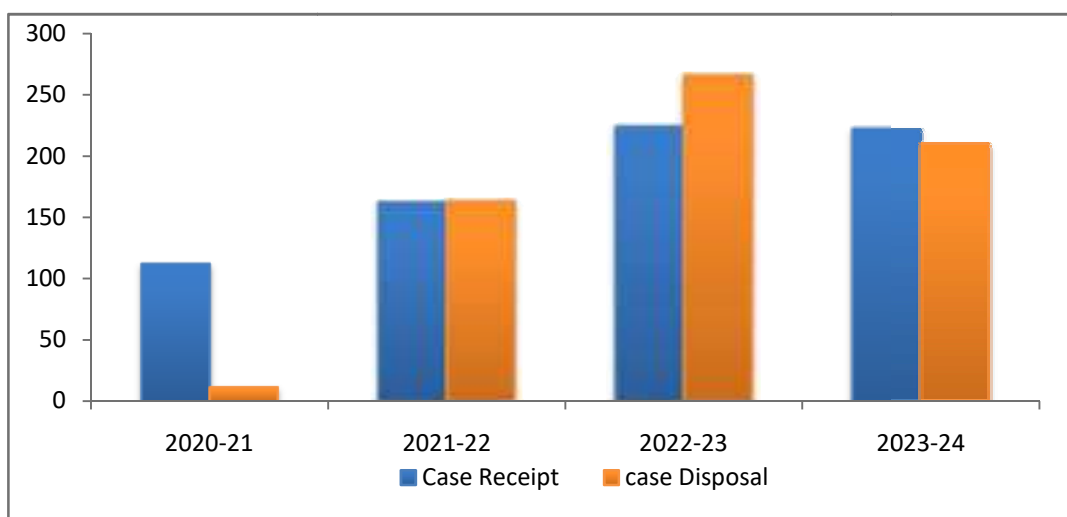


DNA Profiling:

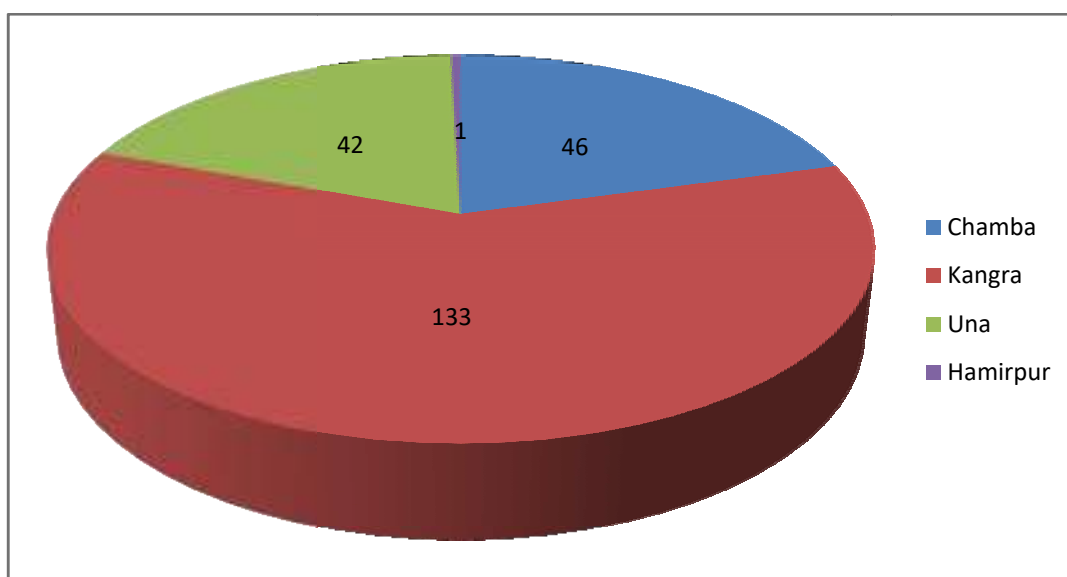
DNA is a gold standard in forensic science. In view of its reliance by the Justice Delivery System in dispensation of Justice, the Govt. of Himachal Pradesh extended DNA Technology at Range levels in the Regional Forensic Science Laboratories at Mandi & Dharamshala, after creating the necessary infrastructure and imparting extensive training to the experts. The DNA analysis facility commenced in the Northern range in February 2021. The following clue materials are examined in the laboratory:

- Human body fluids (blood, semen, saliva, urine)
- Human body tissues (hair, skin, flesh & bones).
- Nail bed material
- Teeth
- Vomit
- Fetal remains and retained product of conception.
- Cigarette butts
- Condoms

FOUR YEARS CASE STATISTICS



DISTRICT WISE CASE RECIEPT (2023-24)



TEACHING & TRAINING

Name & Designation	No. of lectures/demonstrations
Dr. Meenakshi Mahajan, Deputy Director, NR	40
Sh. Ajay Kumar Sehgal, AD (Bio & Sero)	40
Dr. Rakesh Soni, AD (Chem & Toxi)	25
Sh. Mam Raj Sharma, SO (Docu & Photo)	01
Dr. Ashwani Bhardwaj, SO (DNA)	08

TRAININGS ATTENDED

Name & Designation	Details of the Training
Dr. Rakesh Soni AD (Chem & Toxi)	<ul style="list-style-type: none"> ISO/IEC 17025:2017- e-Learning Course on General requirements for the competence of Testing & Calibration laboratories organized by Quality Council of India.

CONFERENCE/SEMINAR/WORKSHOP/SYMPOSIUM ATTENDED

Name & Designation	Activity
Dr. Meenakshi Mahajan Deputy Director, NR	<ul style="list-style-type: none"> 15th Asian Forensic Science Network Annual Meeting and Symposium at Kuala Lumpur, Malaysia w.e.f. 11 - 15.9.23.
Sh. Ajay Sehgal AD (Bio & Sero)	<ul style="list-style-type: none"> Examination of Scene of Crime related to Forensic Ballistics & Explosives organized by DFS, HP at RFSL, NR, Dharamshala on 11- 12.1.24.
Dr. Rakesh Soni AD (Chem & Toxi)	<ul style="list-style-type: none"> Examination of Scene of Crime related to Forensic Ballistics & Explosives organized by DFS, HP at RFSL, NR, Dharamshala on 11- 12.1.24. Forensic Toxicology organized by Directorate of Forensics Services, Himachal Pradesh at FHQ on 4 - 5.3.24.
Dr. Ashwani Bhardwaj SO (DNA)	<ul style="list-style-type: none"> Examination of Scene of Crime related to Forensic Ballistics & Explosives organized by DFS, HP at RFSL, NR, Dharamshala on 11- 12.1.24.
Sh. Ankush Kumar SA (Bio & Sero) Ms Anjali SA (Chem & Toxi) Ms. Purnima Chauhan SA (DNA)	<ul style="list-style-type: none"> Examination of Scene of Crime related to Forensic Ballistics & Explosives organized by DFS, HP at RFSL, NR, Dharamshala (H.P.) on 11- 12.1.24.

INTERNSHIP TRAININGS

Sr. No.	Institute/ University	Date/Duration	No. of Trainees
1.	Lovely Professional University, Phagwara Punjab	1.4 - 14.7.23 1.1 - 31.3.24	09
2.	Garden City University, Banglore, Karnataka	4.4 - 2.6.23 5.2 - 31.3.24	18
3.	Kasturba Medical College, Manipal, Karnataka	10.4 - 6.5.23 3 - 31.7.23	13
4.	Punjab University, Chandigarh	1 - 30.6.23	14
5.	Amity University, Gurgaon, Haryana	12 - 26.6.23 1.4 - 31.3.24	06
6.	Chandigarh University, Mohali, Punjab	20.6 - 28.7.23 1.8.2023 - 31.1.24	06
7.	KITE University, Ghaziabad, U.P.	11.7 - 8.8.23	01
8.	Central University, Shahpur, H.P.	11.7 - 10.8.2023	04
9.	HPU University, Shimla, H.P.	11.7 - 11.10.23 8 - 29.1.24 22.1 - 13.2.24 1 - 15.2.24	20
10.	RIMT University Mandi Gobindgarh, Punjab	2.8 - 2.9.23	01
11.	National University of Juridical Sciences, Kolkata, West Bengal	1 - 30.10.23	02
12.	Bharti Vidyapeeth, Pune, Maharashtra	12.12.23 - 1.1.24	01
13.	DAV College, Kangra, HP	15.12.23 - 31.03.24	01
14.	Apex University, Jaipur, Rajasthan	1.1 - 30.3.24	02
15.	APJ Goyal University Shimla, H.P.	10.1 - 9.2.24	09
16.	Bahra University Shimla, H.P.	1.1 - 29.2.24	03
17.	Gujrat University, Ahmadabad, Gujarat	3.1 - 1.2.24	01
18.	Om Sterling Global University, Hisar, Haryana	11.1 - 9.2.24	04
19.	Parul University, Ahmadabad, Gujarat	12.2 - 31.3.24	01
Total			116

SEMINAR /WORKSHOP/ COURSES ORGANIZED

Course Details	Number of Participants
Induction Training to HPS Officers on 21.7.23	11
Examination of Scene of Crime related to Forensic Ballistics & Explosives on 11- 12.1.24.	25

COURT EVIDENCE

Name & Designation	Number
Dr. Meenakshi Mahajan, Deputy Director, NR	17
Sh. Ajay Sehgal, AD (Bio & Sero)	41
Dr. Rakesh Soni, AD (Chem & Toxi)	07
Sh. Mam Raj Sharma, SO (Docu & Photo)	09
Dr. Ashwani Bhardwaj, SO (DNA)	12

SCENE OF CRIME

Name & Designation	Number
Dr. Meenakshi Mahajan, Deputy Director, NR	05
Sh. Ajay Kumar Sehgal, AD (Bio & Sero)	36
Dr. Rakesh Kumar, AD (Chem & Toxi)	21
Sh. Mam Raj Sharma, SO (Docu & Photo)	04
Dr. Ashwani Bhardwaj, SO (DNA)	10
Sh. Ankush Kumar, SA (Bio & Sero)	25

RESEARCH PUBLICATIONS

- Pundir, A. and Mahajan M, Dalal J., Bhargava S. and Kumari K, Trends in Documents Related Crimes in Himachal Pradesh: A Five-Year Dataset. <http://dx.doi.org/10.2139/ssrn.4795021>
- Rana A. S., Verma P. and Mahajan M., Environmental Variables and Their Implications in Distribution of Diatoms in Bhakra Dam Reservoir of Himachal Pradesh: Spatial and Temporal Dynamics, <https://dx.doi.org/10.2139/ssrn.4682761>

RFSL, CR, MANDI

INTRODUCTION

The RFSL, CR, Mandi was established in the year 2008, consequent upon its creation in the first meeting of HP Forensic Science Development Board held in January 2006 and became operational in the year 2009. The RFSL Mandi is catering to the needs of five districts viz. Mandi, Kullu, Lahaul Spiti, Bilaspur, and Hamirpur. There are three specialties viz. Biological Sciences, Physical Sciences and Chemical Sciences. A New specialty of DNA has also been introduced in the laboratory with the recruitment of a Scientific Officer and procurement of the equipment for DNA examination. The facility has been inaugurated by the Hon'ble Chief Minister Shri. Jai Ram Thakur in March 2021. The One District One Police Station Pilot project was extended to Police Station Sadar Mandi Distt. Mandi in the year 2021.

During the COVID-19 pandemic, the lab after creating necessary infrastructure, made liaison with PGIMER, Chandigarh, qualified competency testing conducted by PGIMER, Chandigarh and ICMR, New Delhi and the DNA expert provided RT-PCR based COVID testing facility for Distt. Kullu and Lahaul-Spiti area at RFSL, CR.

The Forensic DNA expert is successfully participating in the International Quality Assurance DNA testing and proficiency program organized by Academia Iberoamericana de Criminalística y Estudios Forensics (AICEF), Spain since 2020.

A new complex for housing DNA and Voice analysis facility likely to be completed in the year 2025.

The laboratory has three divisions and eight specialties:

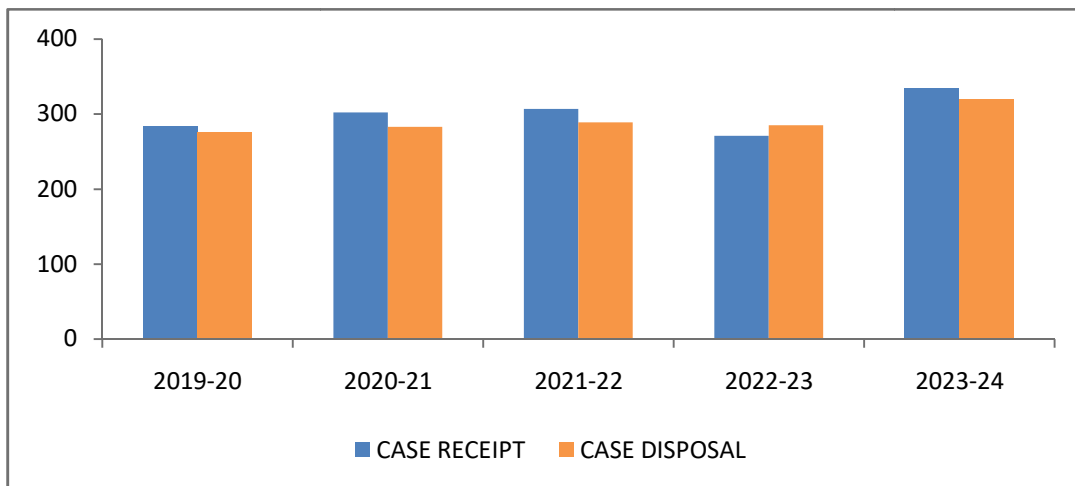
- **Biological Sciences**
 - ✓ Biology
 - ✓ Serology
 - ✓ DNA Unit
- **Chemical Sciences**
 - ✓ Chemistry
 - ✓ Toxicology
- **Physical Sciences**
 - ✓ Physics
 - ✓ Ballistics
 - ✓ Voice analysis

Biology & Serology Division:

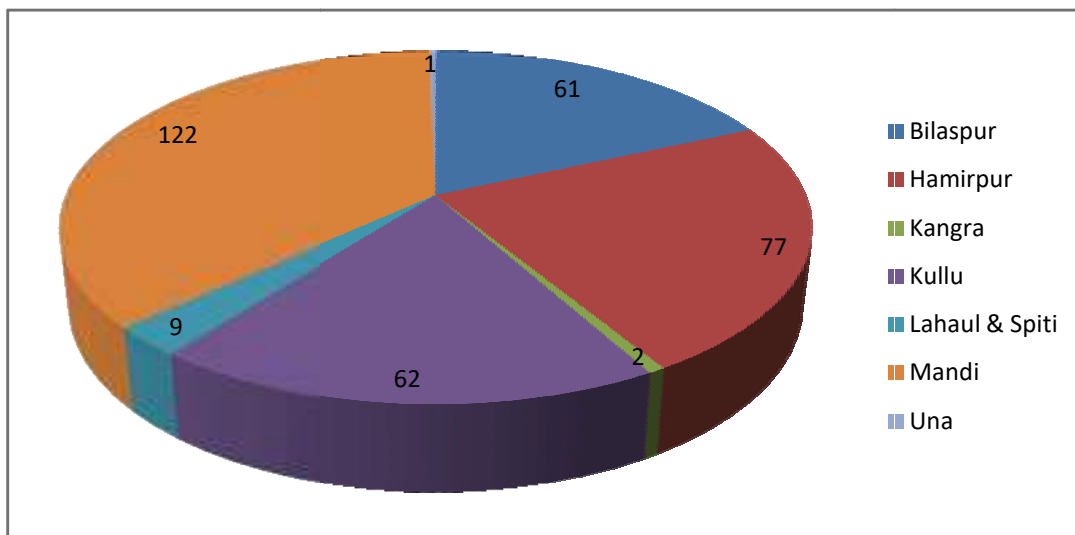
Evidences of biological origin play a vital role in cases of homicide, suicide or accidental death, sexual assaults and in cases of wildlife (flora and fauna) besides ante-mortem or postmortem drowning. The clues are examined for the purpose of identification and comparison with control samples. Types of evidences examined are given as under:

- Blood, semen and saliva
- Vomit, fecal matter
- Tissues and skin in partially burnt bodies/dowry deaths/hanging cases
- Bone (animal and human) age, sex in respect of human bones
- Hair (animal & human), fiber, feather
- Maggots (Forensic Indicators)
- Wood and plant identification
- Wildlife Cases (examination of animal skin, blood, flesh)
- Diatom from bones

FIVE YEARS CASE STATISTICS



DISTRICT WISE RECEIPT (2023-24)

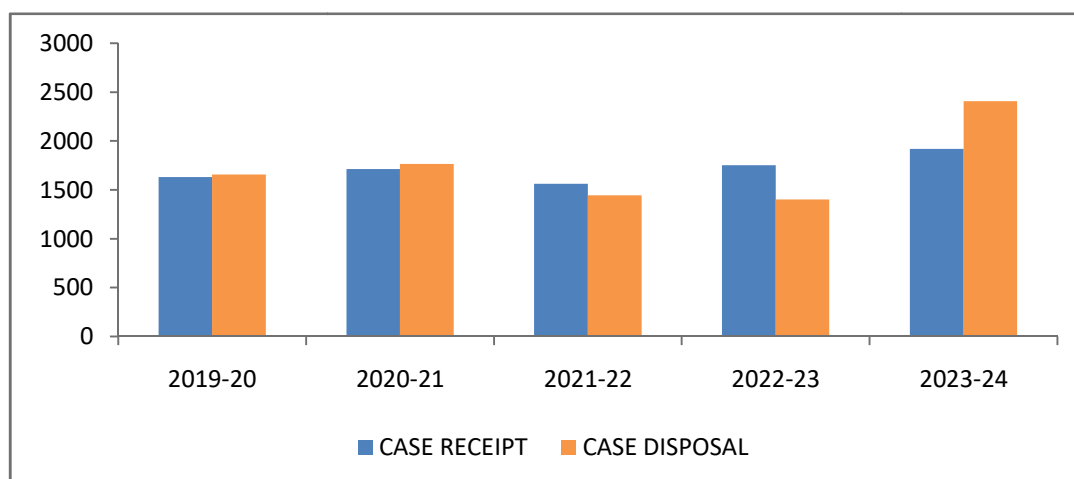


Chemistry & Toxicology Division:

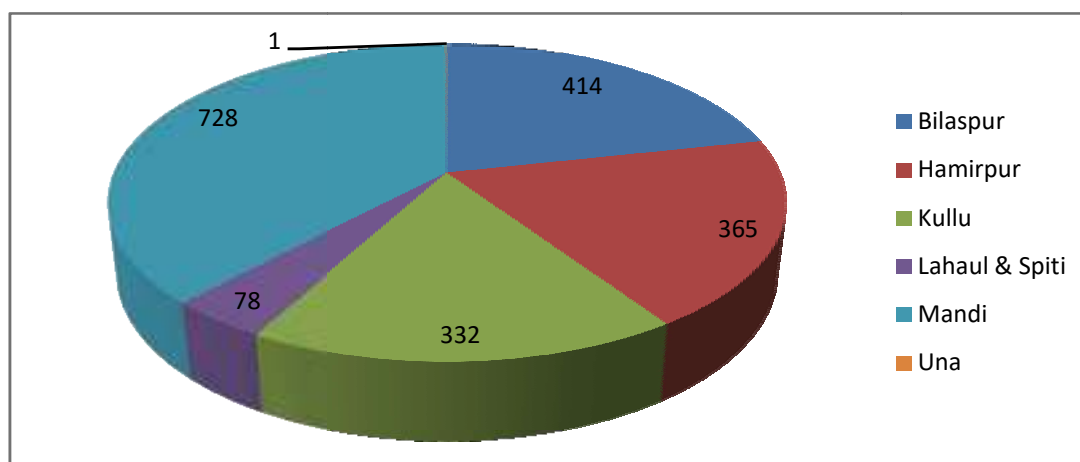
The division started examination of cases in the year, 2009. The examination of excise cases (liquor cases) has also been started in 2011. There has been regular updation of technology in the division. The division undertakes examination of the followings:

- Poisons from biological matrices
- Alcohol from blood and urine samples
- Chemical identification of unknown substances
- Trap cases
- Liquor cases
- Hooch tragedy cases
- Acid/Alkali attacks
- Cosmetics and organic dyes
- Petroleum products residues in arson, dowry deaths and in adulteration cases
- Grease, wax, oils and resins

FIVE YEARS CASE STATISTICS



DISTRICT WISE RECEIPT (2023-24)

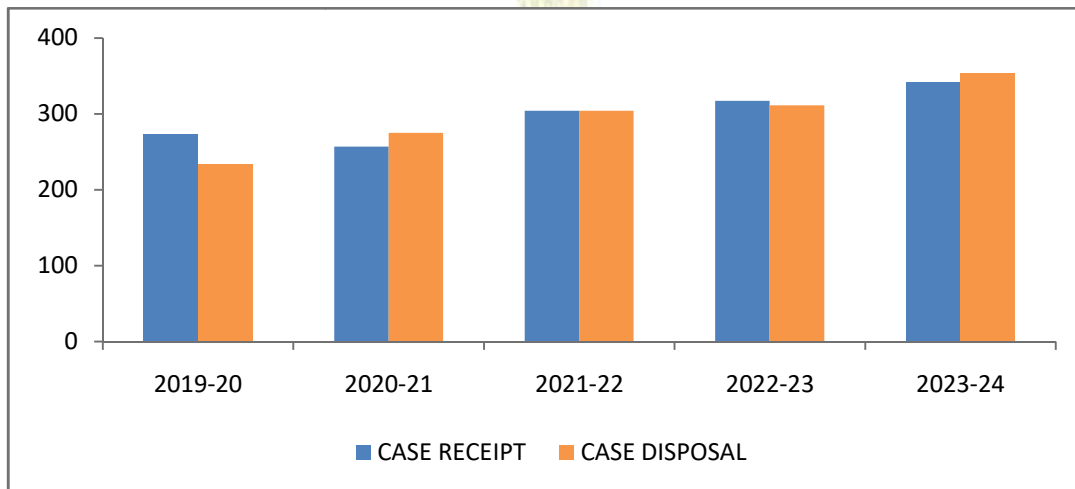


Physics & Ballistics Division:

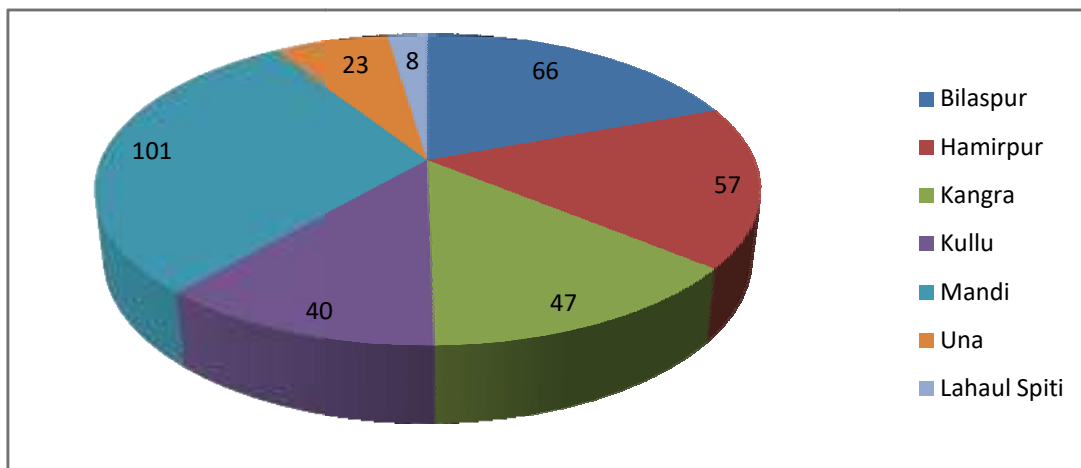
This division plays a vital role in Crime Scene Management and undertakes examination of physical evidence found at the scene of crime so as to get essential breakthrough in the investigation process. The Physics & Ballistics division undertakes examination of the followings:

- Tool marks & telephone cables
- Footprints, shoe prints & tyre marks, skid marks
- Paint and glass
- Building materials & Bitumen
- Paper & fiber
- Soil, sand & grit
- Electrical short circuiting
- Resuscitation of identification number
- Firearms, ammunition & gunshot residues etc
- Facial comparison
- Audio matching and authentication

FIVE YEARS CASE STATISTICS

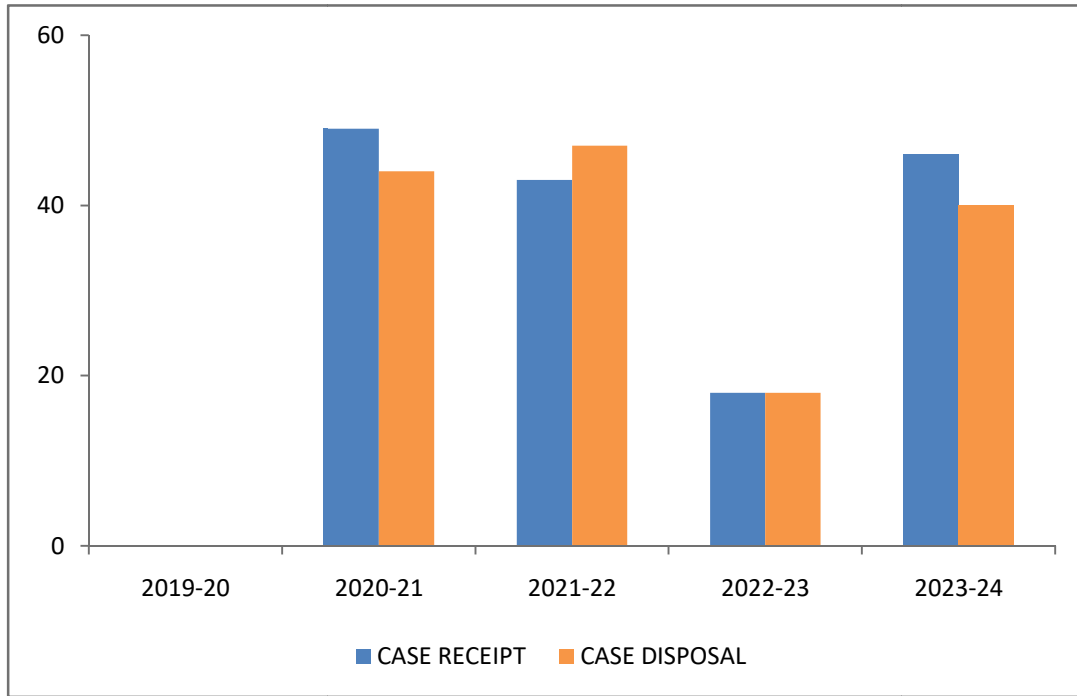


DISTRICT WISE RECEIPT (2023-24)

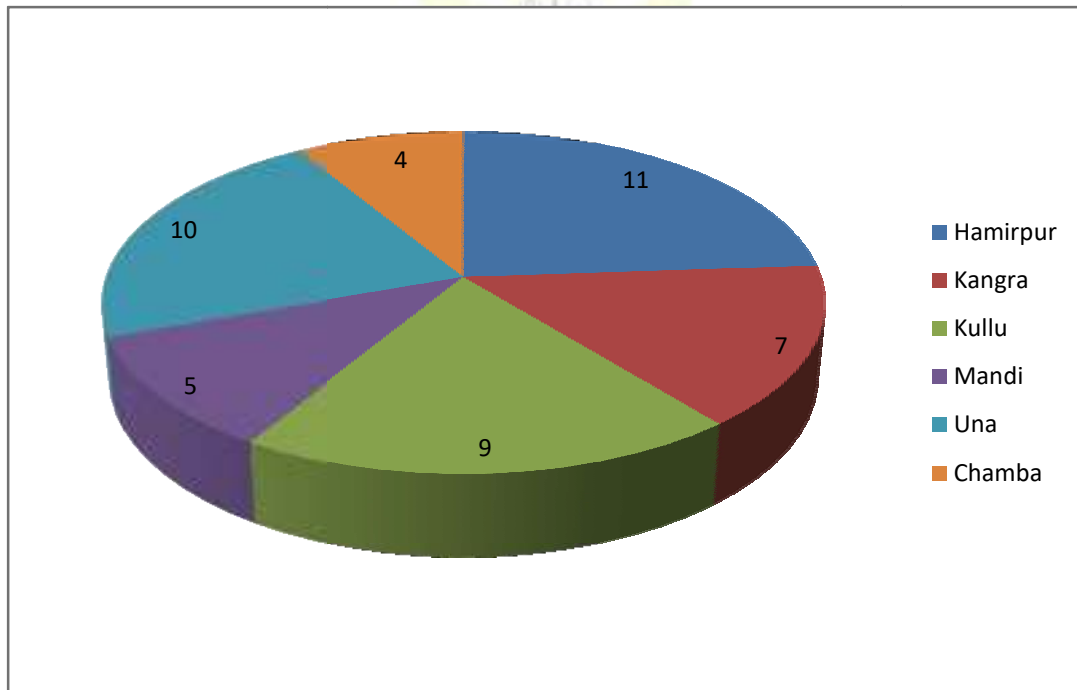


Voice Analysis

CASE STATISTICS



DISTRICT WISE RECEIPT (2023-24)

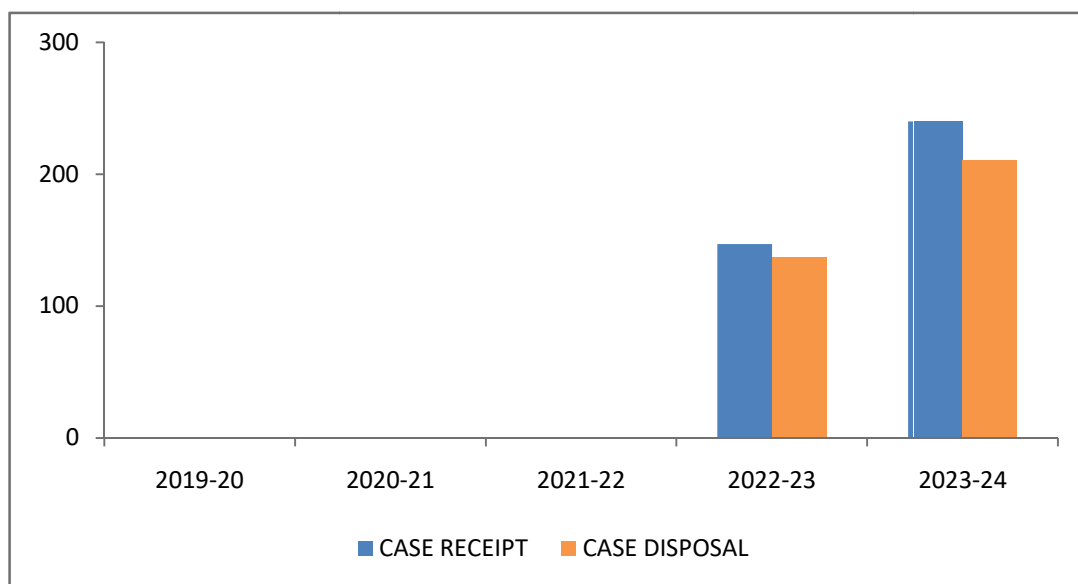


DNA Profiling:

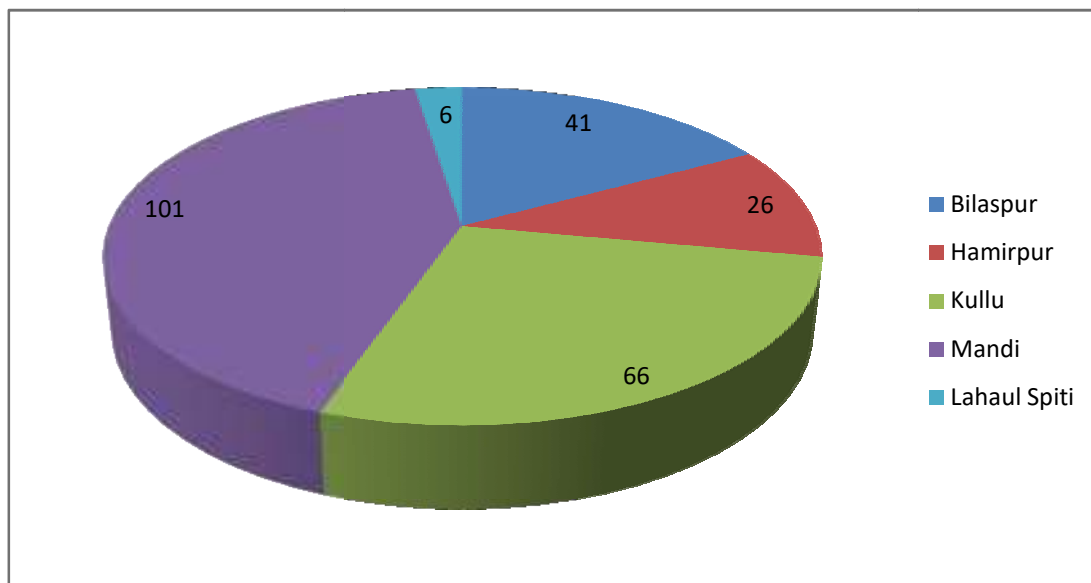
DNA analysis facility commenced in the Central Range in the year 2022. The following clue materials are examined in the laboratory:

- Human body fluids (blood, semen, saliva, urine)
- Human body tissues (hair, skin, flesh & bones).
- Nail bed material
- Teeth
- Vomit
- Fetal remains and retained product of conception.
- Cigarette butts
- Condoms

CASE STATISTICS



DISTRICT WISE RECEIPT (2023-24)



TEACHING & TRAINING

Name & Designation	No. of lectures/demonstrations
Sh. Rajesh Kumar, Deputy Director, CR	07
Dr. N.P. Dubey, AD (Chem & Toxi)	05
Dr. Sanjeev Kumar, AD (Phys & Ball)	06
Dr. Naresh Kumar, SO (DNA)	01
Sh. Chander Kant, SO (Phys & Ball)	05
Sh. Dev Raj, SO (Bio & Sero)	17
Sh. Rakesh Rana, SO (Chem & Toxi)	03

TRAININGS ATTENDED

Name & Designation	Details of the Training
Dr. N. P. Dubey AD (Chem &Toxi)	<ul style="list-style-type: none"> Analysis of drugs of abuse and poisons in biological samples by using MS at Directorate of Forensics Services, Himachal Pradesh on 25 - 26.4.23
Dr. Sanjeev Kumar AD (Phys & Ball)	<ul style="list-style-type: none"> Disciplinary proceedings/conduct rules/departmental enquiries at Himachal Institute of Public Administration, Fairlawn, Shimla w.e.f 16 - 18.10.23
Sh. Dev Raj SO (Bio & Sero)	<ul style="list-style-type: none"> Application of the Compound Microscope and Biological Comparison Microscope at Directorate of Forensics Services, Himachal Pradesh on 26.5.23
Sh. Rakesh Rana SO (Chem & Toxi)	<ul style="list-style-type: none"> Analysis of drugs of abuse and poisons in biological samples by using MS at Directorate of Forensics Services, Himachal Pradesh on 25 - 26.4.23 e-Learning Course on ISO/IEC 17025:2017-General requirements for the competence of Testing & Calibration laboratories organized by Quality Council of India.
Sh. Suneel Kumar SA (Bio & Sero)	<ul style="list-style-type: none"> Application of the Compound Microscope and Biological Comparison Microscope at Directorate of Forensics Services, Himachal Pradesh on 26.5.23
Sh. Poonam Sharma SA (Chem & Toxi)	<ul style="list-style-type: none"> Analysis of Drugs of Abuse and Poisons in Biological Samples at Directorate of Forensics Services, Himachal Pradesh on 25-26.4.23

CONFERENCE/SEMINAR/WORKSHOP/SYMPOSIUM ATTENDED

Name & Designation	Activity
Sh. Rajesh Kumar AD (Phys & Ball) Sh. Naresh Kumar SA (Phys & Ball)	<ul style="list-style-type: none"> • 3D Crime Scene Scanner at Directorate of Forensics Services, Himachal Pradesh on 15 - 16.5.23 • Knowledge sharing on Digital Forensic at Directorate of Forensics Services, Himachal Pradesh on 23 - 24.6.23
Dr. N. P. Dubey AD (Chem & Toxi), Sh. Rakesh Rana SO (Chem & Toxi) Smt. Poonam Sharma SA (Chem & Toxi) Sh. Sanjeev Kumar LA (Chem &Toxi)	<ul style="list-style-type: none"> • Forensic Toxicology at Directorate of Forensics Services, Himachal Pradesh on 4 - 5.3.24.
Sh. Chander Kant SO (Phys & Ball)	<ul style="list-style-type: none"> • 3D Crime Scene Scanner at Directorate of Forensics Services, Himachal Pradesh on 15-16.5.23
Dr. Naresh Kumar SO (DNA)	<ul style="list-style-type: none"> • Online Symposium on Young Investigators and Forensic Odontology Research organized by International Organization for Forensic Odonto-Stomatology (I.O.F.O.S) on 2.12.23. • Online Symposium on Practical Aspects of Forensic Photography in oral autopsy organized by International Organization for Forensic Odonto-Stomatology (I.O.F.O.S) on 13.1.24

SESSION CHAIRED/RADIO TALK/TV TALK/INVITED TALK

Name & Designation	Activity
Sh. Dev Raj, SO (Bio & Sero)	<ul style="list-style-type: none"> • Invited talk on “Wild Life Trafficking and Indian Forest Act” at Himachal Pradesh Judicial Academy, Shimla on 25.11.2023.

INTERNSHIP TRAININGS

Sr. No.	Institute/ University	Date/Duration	No. of Trainees
1.	Chandigarh University, Chandigarh	26.6 - 10.07.23	02
		20.6 - 19.7.23	01
		27.12 - 10.1.24	02
Total			05

SEMINAR /WORKSHOP/ COURSES ORGANIZED

Course Details	Number of Participants
Course on Forensic Science for IOs w.e.f. 18 to 23.12.23	19

COURT EVIDENCE

Name & Designation	Number
Sh. Rajesh Kumar, Deputy Director, NR	05
Sh. Rajesh Kumar, AD (Phys & Ball)	02
Dr. N.P. Dubey, AD (Chem & Toxi)	18
Dr. Sanjeev Kumar, AD (Phys & Ball)	05
Dr. Naresh Kumar, SO (DNA)	06
Sh. Dev Raj, SO (Bio & Sero)	01

SCENE OF CRIME

Name & Designation	Number
Sh .Rajesh Kumar, Deputy Director, CR	06
Sh .Rajesh Kumar, AD (Phys & Ball)	02
Dr. N.P. Dubey, AD (Chem & Toxi)	10
Dr. Sanjeev Kumar, AD (Phys & Ball)	16
Dr. Naresh Kumar, SO (DNA)	08
Sh. Dev Raj, SO (Bio & Sero)	14
Sh. Rakesh Rana, SO (Chem & Toxi)	11
Sh. Chander Kant, SO (Phys & Ball)	10
Total	77

RESEARCH PUBLICATIONS

- Thakur D., Dubey N.P., Saini B. and Singh R. 'Pilot study on FT-IR and GC analysis of inhalant substances (thinners and glues) for forensic purpose' Vibrational Spectroscopy Vol. 129: 103601 (2023).
- Thakur D., Dubey N. P., Singh R., Yadav R. 'Problems of Drug Abuse and its Countermeasures' An overview of Haryana" International Journal of Medical Toxicology & Legal Medicine Vol. 26, issue 3 and 4, 201-207 (2023).

DISTRICT FORENSIC UNITS

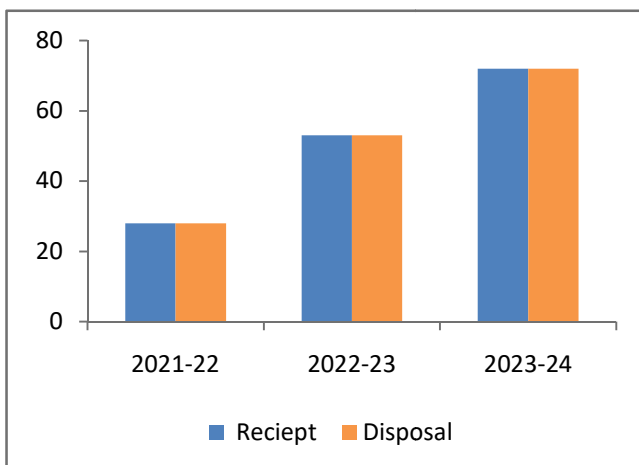
The Forensic Services network was expanded to District level in Himachal Pradesh in pursuance to the recommendations of National Human Right Commission (NHRC, 1999): the State-of-the Art Forensic Sciences: For Better Criminal Justice System and Plan for Modernization of Police Forces, Bureau of Police Research, MHA, Govt. of India (2000), to meet out the increasing requirements for forensic intervention in collection and preservation of evidences originating from scene of crime itself. The First District Forensic Unit was announced in the budget speech for the year 2015-16 for Central Range at Bilaspur followed by in the Southern Range at Police District Baddi and in the Northern Range at Police District Nurpur during the budget speech 2019-20 to ensure the instant availability of the scientists at the scene of crime and help the field Police Officers. Each District Forensic Unit is headed by the Officer of the rank of Assistant Director in accordance with the HP Police Act, 2007 amendments (2018).

The brief introduction and functioning of each unit is elucidated below:

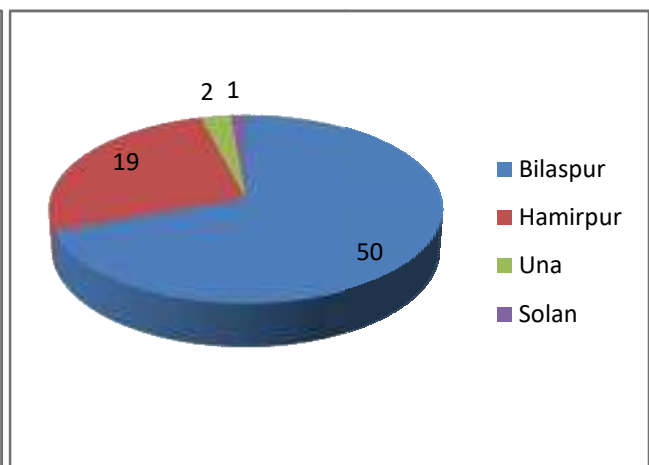
District Forensic Unit (DFU) Bilaspur:

The District Forensic Unit, Bilaspur started its functioning from State FSL Junga, in the year 2015. The DFU is temporarily housed and operational from the accommodation provided by the district administration. The DFU Bilaspur undertakes the crime scene analysis works of District Bilaspur & Hamirpur.

CRIME SCENE STATISTICS



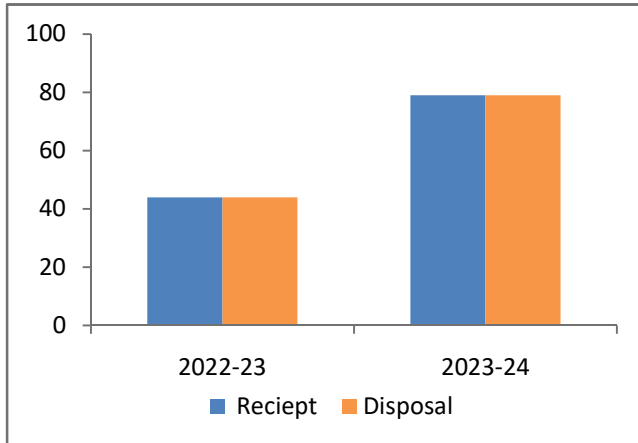
DISTRICT WISE RECEIPT (2023-24)



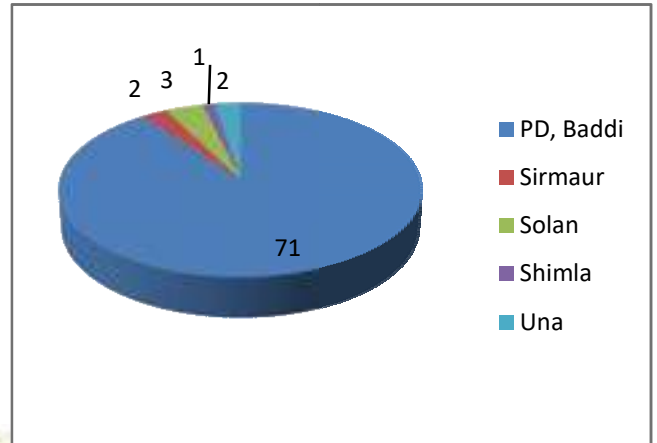
District Forensic Unit (DFU) Baddi:

The District Forensic Unit, Baddi was created in the year 2018. The DFU is temporarily housed and operational from the Police Line Baddi. The work of its own complex is in progress. The crime scenes of the Police District Baddi, SDPO Parwanoo District Solan & District Sirmaur are examined by DFU, Baddi.

CRIME SCENE STATISTICS



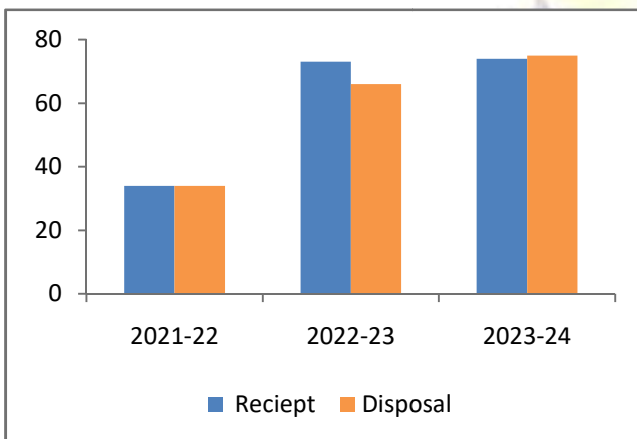
DISTRICT WISE RECEIPT (2023-24)



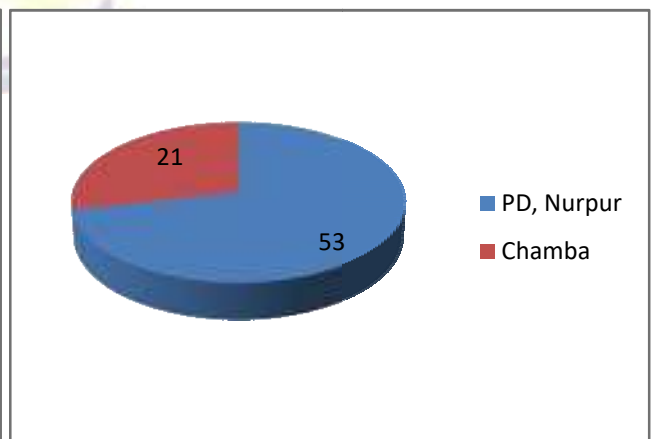
District Forensic Unit (DFU) Nurpur:

The District Forensic Unit, Nurpur was created in the year 2018. The DFU is temporarily housed and operational from the Mini Secretariat, Nurpur. The work of its own complex is in progress. The jurisdiction of DFU Nurpur for crime scene examination is Police District Nurpur & District Chamba.

CRIME SCENE STATISTICS



DISTRICT WISE RECEIPT (2023-24)



Sr. No.	Activity	DFU Bilaspur	DFU Baddi	DFU Nurpur
1.	Lectures Delivered	02	-	03
2.	Court Evidences	04	05	01
3.	Conference/Seminar/Workshop/Symposium attended	02	01	05

CASE STATISTICS

STATE FORENSIC SCIENCE LABORATORY (2023-24)

Name of Division	Pending cases (1.4.23) (A)	Received cases (B)	Total (C=A+B)	Examined cases (31.3.24) (D)	Pending cases (31.3.24) (E=C-D)
Biology and Serology	42	362	404	381	23
Chemistry and Toxicology	945	2266	3211	2995	216
Physics and Ballistics	19	354	373	345	28
Documents and Photography	77	117	194	66	128
NDPS	154	1946	2100	2027	73
DNA	124	299	423	306	117
Digital Forensics	314	312	626	120	506
Voice Analysis	32	150	182	100	82
Forensic Psychology	05	10	15	13	02
Total	1712	5816	7528	6353	1173

STATE FINGER PRINT BUREAU

Name of Division	Pending cases (1.4.23) (A)	Received cases (B)	Total (C=A+B)	Examined cases (31.3.23) (D)	Pending cases (31.3.24) (E=C-D)
Record Section	0	39	39	39	00
Search Section	0	6478	6478	6478	00
Document Section	0	788	788	788	00
Total	00	7305	7305	7305	00

REGIONAL FORENSIC SCIENCE LABORATORY, NR, DHARAMSHALA

Name of Division	Pending cases (1.4.23) (A)	Received cases (B)	Total (C=A+B)	Examined cases (31.3.24) (D)	Pending cases (31.3.24) (E=C-D)
Biology & Serology	50	469	519	478	41
Chemistry & Toxicology	362	1962	2324	2123	201
Documents and Photography	38	91	129	45	84
Cyber	180	215	395	234	161
DNA	63	222	285	210	75
Total	693	2959	3652	3090	562

REGIONAL FORENSIC SCIENCE LABORATORY, CR, MANDI

Name of Division	Pending cases (1.4.23) (A)	Received cases (B)	Total (C=A+B)	Examined cases (31.3.24) (D)	Pending cases (31.3.24) (E=C-D)
Biology and Serology	50	334	384	319	65
Chemistry and Toxicology	628	1918	2546	2406	140
Physics & Ballistics	44	342	386	354	32
Voice Analysis	1	46	47	40	07
DNA Unit	10	240	250	210	40
Total	733	2880	3613	3329	284

PROFESSIONAL EXCELLENCE, MAJOR INITIATIVES & ACHIEVEMENTS

PROFESSIONAL EXCELLENCE

Dr. Meenakshi Mahajan, Director Forensics

- There was pendency in Chemistry & Toxicology, Digital Forensics, Voice Analysis, Document & Photo and DNA Divisions in SFSL Junga. The resources were mobilized and pendency was brought down in the Chemistry & Toxicology Division from 915 cases to 217 cases with the turn-around time from one year to 30-45 days. The cases of SV&ACB were accorded priority and got the reports issued in a time bound manner.
- Conducted NABL audit of different CFSLs, SFSLs, RFSLs and Aadhaar lab(UIDAI), GoI in the capacity of Technical Assessor .
- To save man hour of the forensic experts, the matter of expert testimony through video conferencing was taken up with the Registrar General, High Court and got orders issued for its implementation.
- Nominated as departmental representative for the recruitment of various posts of Directorate of Forensics by the Himachal Pradesh Public Service Commission, Shimla.
- Chairman of scientific aid to the investigation competitions in the 52nd HP Police Duty and Sports meet held at PTC Daroh w.e.f. 21 to 23.11.23
- Professional Contribution by attending meeting of Scientific Working Group in the field of Questioned Documents organized by Asian Forensic Science Network (AFSN).
- External member in the selection process of Forensic Science teaching faculty at Himachal Pradesh University, Shimla.
- Examined and reported two hundred thirty four (234) cases in the field of Digital Forensics and two (08) cases of Questioned Documents from RFSL, NR, as there was no reporting officer available in both the specialities.
- Expert testimony in twenty nine (29) cases in the different courts of law across the state through video conferencing and in person

Dr. Ashwani Bhardwaj, SO (DNA)

- Forensics Excellence Award as Best Forensics Officer for outstanding contributions in Lab Work for the year 2023
- Received appreciation from Superintendent of Police, Kangra at Dharamshala for providing Professional Intelligence to the investigating agency.

Sh. Nasib Singh Patial, AD (DFU)

- Forensics Excellence Award as Best Forensics Officer for outstanding contributions in the Crime Scene Management for the year 2023

MAJOR INITIATIVES

- A proposal was prepared and submitted to MHA, GoI under Modernization of Forensics Capacities for 6 Mobile Forensic Vans (Costing Rs. 3.90 Crore) to attend the SOC duties.
- As a measure of quality assurance, the discontinued accreditation process of State Forensic Science Laboratory and Regional Forensic Science Laboratory, Central Range, Mandi was initiated again. The accreditation process of State Finger Print Bureau was initiated.
- The applications, for the first time, were submitted in r/o State Forensic Science Laboratory and Regional Forensic Science Laboratory, Central Range, Mandi for getting notification of Examiner of Electronics Evidences as per Information Technology Act, 2000.
- The monthly case review meeting, to monitor the receipt and disposal of crime cases, in the State FSL and RFSL, CR introduced on the pattern of RFSL, NR, Dharamshala.
- An initiative was taken to implement the new NDPS rules (2022) for seizure, storage, sampling and disposal of NDPS substances of Narcotic Drugs and Psychotropic Substances (NDPS) Act, 1985.
- Two days meeting of Scientific Working Group of Chemical Sciences organized for bringing uniformity in Working Procedure Manual conforming to International Standards. External Expert Dr. P. G. Ghosh Former Director CFSL, GoI and Prof. A. K. Jaiswal from AIIMS, New Delhi were associated.
- A proposal was prepared and submitted to outsource sweeping works of DFS, HP, pursued with the Govt.
- A proposal for additionality under different budget heads to meet out the short fall required for laboratory operations of different specialities was prepared and submitted.
- The scientific posts of different categories which were lying vacant in the department pursued at different levels with the authorities to fill up the vacant posts.
- All ongoing construction works of State FSL, RFSLs and DFUs reviewed and the targets fixed to complete the tasks.

ACHIEVEMENTS

- A meeting of the Scientific Working group (SWG), Asian Forensic Science Network, in the capacity of member of SWG in the field of Questioned Documents was attended by Dr. Meenakshi Mahajan and professionally contributed.
- A research paper on the topic ‘Cosmetics Counterfeit or Genuine’ presented in the 15th Asian Forensic Science Network Annual Meeting and Symposium at Kuala Lumpur, Malaysia w.e.f. 11 to 15.9.2023 and was appreciated.
- Six Mobile Forensic Vans for the first time in one go costing Rs. 3.90 Cr. got approved from MHA, GOI for Crime Scene duties across the state.
- Director Forensic Services HP gave awards for the excellent work done, for the motivation and encouragement of working professionals in the department, in the field of Lab analysis, Crime Scene Management during raising day celebrations on 13.12.2023
- A proposal for additionality under different budget heads, of Rs 42.67 lacs to meet out the short fall required for laboratory operations of different specialities was got approved by the state Govt
- The Annual Administrative Reports pending for the year 2021-22 and 2022-23 were prepared and finalized. The reports were got approved by the state Govt. and laid in the Vidhan Sabha during Budget Session.
- The NABL assessment in r/o State FSL, State Finger Print Bureau was successfully completed for the grant of ISO/IEC 17025:2017 accreditation.
- Proposal to outsource sweeping works of DFS, HP got approved from the Govt.
- Got filled up one post of Scientific Officer and two posts of Scientific Assistants
- During the State Level Republic Day Celebrations, the Forensic Tableau with a theme “Forensics Against Drug Menace” was displayed and was appreciated by higher authorities.

GLIMPSES



A Visit of NABL Assessors to State FSL



Best Forensic Officer Award for Excellence in Scene of Crime



Slogan Writing Competition on Raising Day Celebrations



A Workshop on Forensic Ballistics & Explosives



A Workshop on Forensic Toxicology at DFS HP



A Visit of trainee DySP from PTC at RFSL, NR



A Visit of NABL Assessors to RFSL, NR



A Visit of Prob. DySP from PTC Daroh to RFSL, NR

FORENSICS IN MEDIA

Providing quality, timely reports top priority: Himachal forensic lab's first woman director

Providing quality, timely reports top priority: Himachal forensic lab's first woman director

Providing quality, timely reports top priority: Himachal forensic lab's first woman director

डा. अश्वनी को फॉरेंसिक उत्कृष्टता पुरस्कार

उल्लेखनीय कार्यों के लिए नवाजे एसएफएसएल के अधिकारी

पुलिस जवानों ने जाना, सबूत जुटा कैसे सुलझाए जाते हैं केस

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शिमला में जहर का विज्ञान समझने का प्रयास

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दिव्य हिमाचल divyhimachal.com

दिनांक: 07 दिसंबर, 2023

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एसएसबी जवानों ने जाना कैसे काम करती है साइबर लैब

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एफएसएल जुना में चलाया सफाई अभियान

एफएसएल जुना में चलाया सफाई अभियान

एफएसएल जुना में चलाया सफाई अभियान

'Forensic Toxicology' discussed

'Forensic Toxicology' discussed

'Forensic Toxicology' discussed

एफएसएल जुना में चलाया सफाई अभियान

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एफएसएल जुना में चलाया सफाई अभियान

'Forensic Toxicology' discussed

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'Forensic Toxicology' discussed

WHO WROTE WHAT

No.	Date	Name & Address	Phone	Date of Birth	Comments
6/2/23		SP Vire, Acharya, Vijay Dada, Jyoti S. (MTP)	7871939210		Inspected lab & all. No obs + advice to be improved by the team
6/11/23		Abhinav, Mahesh, Ganraj SPT (M)	7871939210		Expensive visit in terms of money spent and impressed by the facilities, and the partnership with Prof. An working hard
7/2/23		Dr. Anand, Chairman Commanding Officer I.T. & Telecom Centre Col. Yamunabai Gawala	82012282		Today, I have visited abhinav & official & Vire officials of this batch. Direct to batch & Cyber Security (Advanced level). During the visit, it was very informative for all concerned. Exposure of Lab is very technically strong. Very nicely managed under the leadership of Dr. Anand from health. It's great exposure for all staff, officers and officials. Best wishes for the future.
23-11-23		Dr. Anand, Director, Director, I.T. Ministry of Home Affairs	82012282		I have visited the IT Dept. I have interacted with the team of the dept. The team is very dedicated, but working with good level of knowledge & very efficient about the I.T. of the team. I have advised all the members in regard of present & future development related with I.T. I will be very best to the team.
20/11/2023		Dr. Anand, Director, Director, I.T. Ministry of Home Affairs	82012282		I am in happy to have visited I.T. Dept. It is one of the best lab that I have visited in India. The staff are very professional as they took me time from their busy schedule to show their lab and work to the I.T. Students. Very good to see the infrastructure and the depth knowledge of the staff. I am really thankful to Dr. Anand for his hospitality in this beautiful opportunity to visit the lab in order of 'Beautiful lab'.
17/3/2024		ANJIT DAS, Lead Advisor	9871939210	02/01/1984	Lab is maintaining documented system for quality management of forensic testing as per ISO/IEC 17025:2017. However there are few areas of improvement like adequate knowledge of standards, PT/SC participation and record keeping, reporting format shall be in line with standard with additional information as needed. Wishing this lab a better future in terms of lab quality and exhibit testing. A.D.

BUDGET ALLOCATIONS 2023-24

The Government has sanctioned funds under plan and non-plan budget heads. The details are as below:

1. 2055-Police-116-Forensic Science-01-State Forensic Science Laboratory-SOON-V-NDP under Demand No. 7

Directorate of Forensics Services and its Regional FSLs

Object Code/SOE	Sanctioned Budget	State FSL, HP, Junga	RFSL Mandi	RFSL Dharamshala
1.	2.	3.	4.	5.
01-Salary	₹ 8,00,23,000	₹ 4,50,56,000	₹ 1,92,00,000	₹ 1,57,67,000
02-Wages	₹ 10,93,000	₹ 8,25,000	₹ Nil	₹ 2,68,000
03-Travel Expenses	₹ 3,50,000	₹ 2,62,000	₹ 50,000	₹ 38,000
05-Office Expenses	₹ 20,00,000	₹ 10,21,000	₹ 4,35,000	₹ 5,44,000
06-Medical Reimb.	₹ 3,93,000	₹ 2,15,000	₹ 1,06,000	₹ 72,000
09-Advertisement & Publicity	₹ 1,84,000	₹ 1,84,000	₹ Nil	₹ Nil
10-Hospitality & Entertainment	₹ 25,000	₹ 21,500	₹ Nil	₹ 3,500
12-Professional & Special Services	₹ 24,000	₹ 24,000	₹ Nil	₹ Nil
15-Training	₹ 42,000	₹ 42,000	₹ Nil	₹ Nil
20-Other Charges	₹ 11,98,000	₹ 4,69,000	₹ 1,22,000	₹ 3,62,000
21-Maintenance	₹ 7,00,000	₹ 5,42,000	₹ Nil	₹ 51,000
30-Motor Vehicle	₹ 6,77,000	₹ 3,17,000	₹ 1,51,800	₹ 2,08,000
33-Material & Supply	₹ 1,41,57,000	₹ 1,24,89,000	₹ 3,00,000	₹ 3,00,000
64-Transfer Expenses	₹ 2,600	₹ 2,600	₹ Nil	₹ Nil
65-ReOutsourcing	₹ 1,23,000	₹ Nil	₹ Nil	₹ 1,23,000
Total	₹ 10,09,91,600	₹ 6,14,70,100	₹ 2,03,64,800	₹ 1,77,36,500

2. 2059-Police Works-01-Office Building-053-Maintenance & Repair-41-Maintenance of Vigilance and Forensic Laboratory Buildings-SOON-V-NDP under Demand No. 7

Object Code/SOE	Sanctioned Budget	State FSL, HP, Junga	RFSL Mandi	RFSL Dharamshala
1.	2.	3.	4.	5.
21-Maintenance	₹ 15,00,000	₹ 15,00,000	₹ Nil	₹ Nil
Total	₹ 15,00,000	₹ 15,00,000	₹ Nil	₹ Nil

3. **2216-Housing-06-Police Housing-053-Maintenance & Repair-02-Maintenance of Residential Building of State Forensic Laboratory-SOON-V-NDP under Demand No. 7**

Object Code/SOE	Sanctioned Budget	State FSL, HP, Junga	RFSL Mandi	RFSL Dharamshala
1.	2.	3.	4.	5.
21-Maintenance	₹ 1,000	Nil	Nil	₹ Nil
Total	₹ 1,000	Nil	₹ Nil	₹ Nil

4. **4055-Capital Outlay on Police Housing-00-211-Police Housing-05-Constriction of State Forensic Laboratory-SOON-V-SDP under Demand No. 7**

Object Code/SOE	Sanctioned Budget	State FSL, HP, Junga	RFSL Mandi	RFSL Dharamshala
1.	2.	3.	4.	5.
31-Machinery & Equipment	₹ 75,00,000	₹ 15,71,000	₹ Nil	₹ Nil
37-Major Works	₹ 75,00,000	₹ 23,27,000	₹ Nil	₹ Nil
Total	₹ 1,50,00,000	₹ 38,98,000	₹ Nil	₹ Nil

5. **4055-Capital Outlay on Police Housing-00-789-Scheduled Caste Development Development Plan -03-Constriction of State Forensic Laboratory-SOON-V-SDP under Demand No. 32**

Object Code/SOE	Sanctioned Budget	State FSL, HP, Junga	RFSL Mandi	RFSL Dharamshala
1.	2.	3.	4.	5.
31-Machinery & Equipment	₹ 75,00,000	₹ 73,64,000	₹ Nil	₹ Nil
37-Major Works	₹ 25,00,000	₹ Nil	₹ Nil	₹ Nil
Total	₹ 1,00,00,000	₹ 73,64,000	₹ Nil	₹ Nil

6. **2235-Social Security and Welfare-60-Other Social Security and Welfare Programmes-800-Other Expenditures-94-Pensioners of Directorate of Forensic Science-SOON-V-NP under Demand No. 19**

Object Code/SOE	Sanctioned Budget	State FSL, HP, Junga	RFSL Mandi	RFSL Dharamshala
1.	2.	3.	4.	5.
06-Medical Reimb.	₹ 56,000	₹ 4,200	₹ 5,200	₹ Nil
Total	₹ 56,000	₹ 4,200	₹ 5,200	₹ Nil

REVENUE RECEIPT

Sr. No.	Particulars	Amount Received
1.	Internship Training Fee	₹ 6,63,300
2.	Case Examination Fee	₹ 71,000
	Total	₹ 7,34,300



Director Forensics Services, HP with internship trainees of MDU, Rohtak

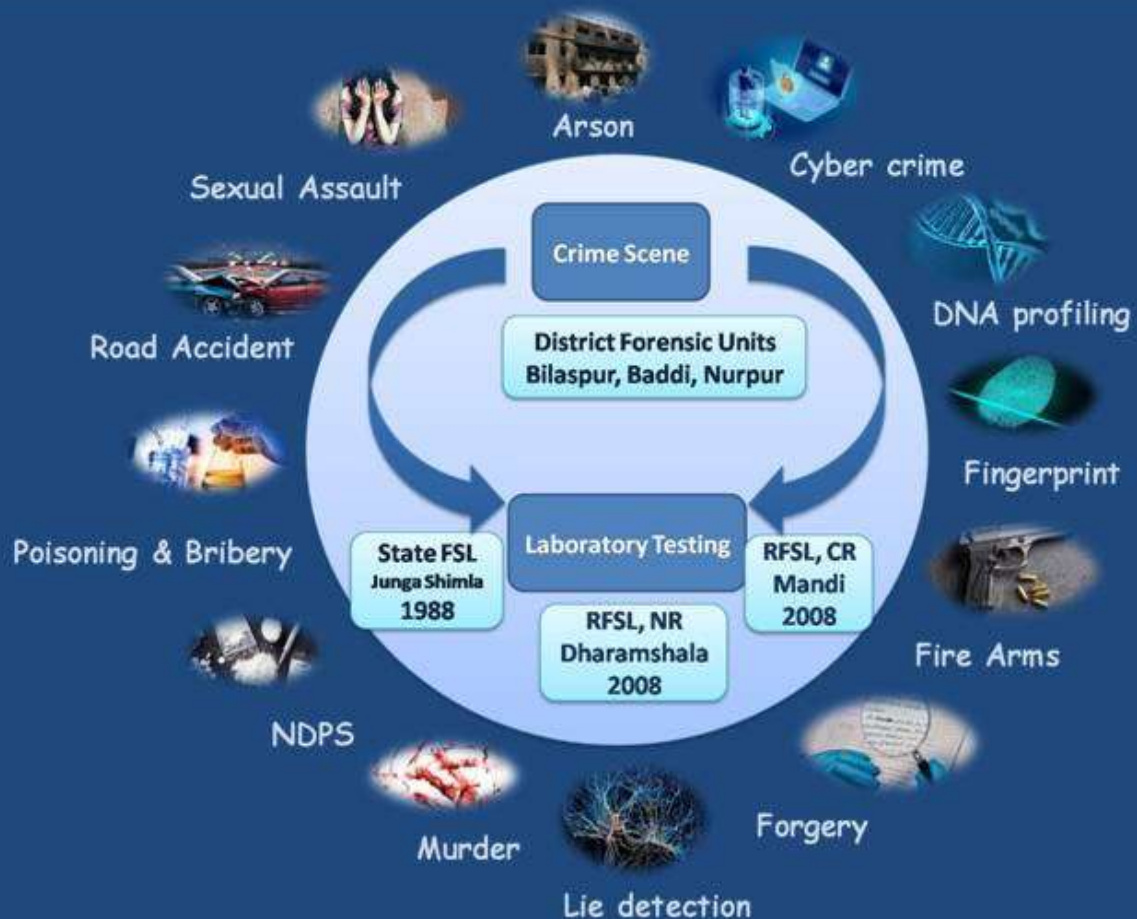
FUTURE VISION

- ◆ Chief Minister Forensic Excellence Award
- ◆ District Forensic Units in left out districts of Himachal Pradesh
- ◆ New Specialties: Food Forensics at State FSL & Digital Forensic Division at RFSL, NR
- ◆ Cadre Review
- ◆ PG Diploma in Forensic Science

“Wherever he steps, whatever he touches, whatever he leaves, even unconsciously, will serve as a silent witness against him..... Physical evidence cannot be wrong, it cannot perjure itself, and it cannot be wholly absent..... Only human failure to find it, study and understand it can diminish its value.”

Paul L Kirk (1953)

Himachal Forensics Ecosystem



A First in India

Member of Asian Forensic Science Network

All FSLs NABL ISO/IEC 17025:2017 Accredited

MEITY, GOI, Notified RFSL, NR U/S 79A of IT Act,

DNA Database for unidentified dead bodies

Proficiency Testing : United Nation Office on Drugs and Crime (UNODC)
National Forensic Services, South Korea
Govt Laboratory, HongKong
AFSN DNA & AICEF GITAD





A New Complex of RFSL, NR, Dharamshala



A New Complex of RFSL, CR, Mandi