

STATE FINGER PRINT BUREAU

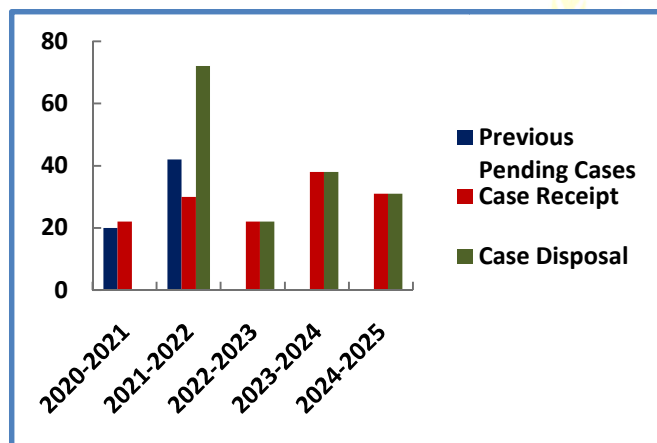
The State Finger Print Bureau in Himachal Pradesh, under the aegis of police in the criminal investigating department, was established in the year 2003. The state Govt. made amendments in the Police Act 2007 and placed the State Finger Print Bureau under the administrative control of the Director Forensics 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 the National database. First time, the HP State Finger Print Bureau was got ISO/IEC 17025:2017 NABL accredited in 2024 and became 2nd accredited Finger Print Bureau in the country after the Gujarat state. The State Finger Print Bureau undertakes the followings:



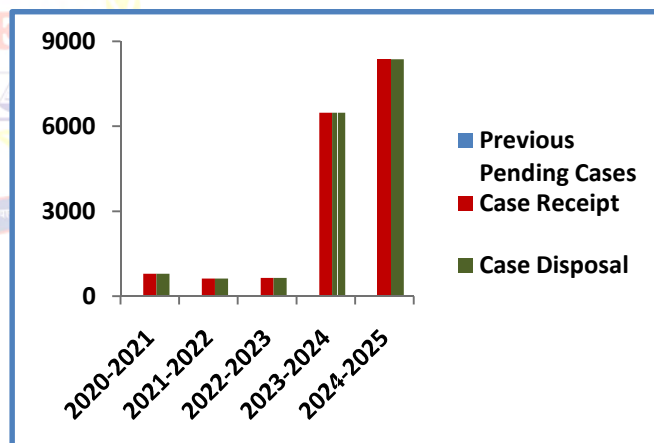
- The preservation of ten-digit fingerprint slips of convicted criminals in the NAFIS
- The preservation of ten-digit fingerprint slips of arrested criminals in the NAFIS
- Lifting of latent prints at the scene of crime in the Southern range
- Comparison of chance prints

FIVE-YEAR CASE STATISTICS

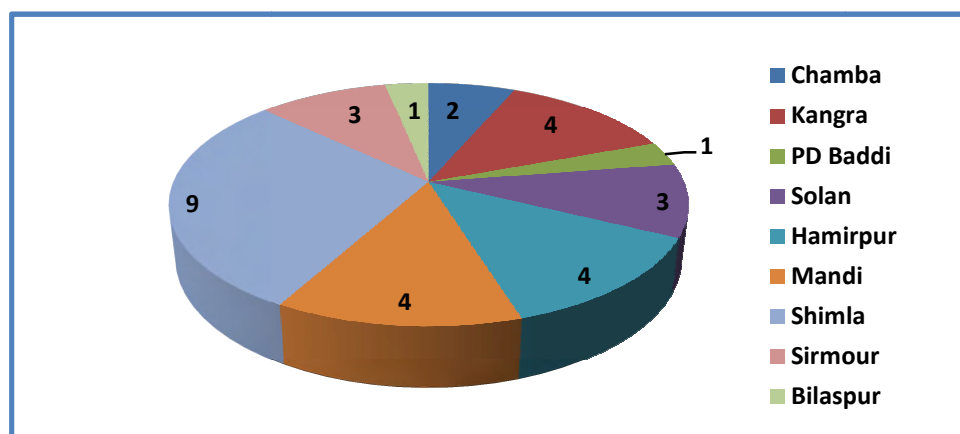
Document Section



Search & Record Section



DISTRICT WISE RECEIPT (Document Section) (2024-25)



TEACHING & TRAINING

Name & Designation	Number of lectures/demonstrations
Dr. Meenakshi Mahajan, Director Forensics	55
Dr. Aparna Sharma, AD (DNA)	44
Dr. Vivek Sahajpal, AD (DNA)	41
Sh. Kapil Sharma, AD (NDPS)	07
Dr. S. K. Pal, AD (Bio & Sero)	20
Sh. Nasib Singh Patial, AD (Voice)	03
Sh. Rajesh Kumar, AD (Chem &Toxi)	02
Dr. Shivalika Sharma, AD (Forensic Psych.)	28
Sh Mam Raj Sharma, AD (Docu & Photo)	14
Dr. Nitin Singh Mandla, AD (Docu & Photo)	13
Dr. Gaurav Jaswal, AD (Digital Forensics)	01
Sh Sanjeev Singh, SO (Phys. & Ball.)	10
Dr. Shivani Vats, SO (DNA)	13
Sh. Harish Bhardwaj, SO (Bio & Sero)	14
Sh. Asheesh Maila, SO (Digital Forensics)	11
Smt. Neha Sharma, SO (Voice Analysis)	11
Sh. Sanjeev Kumar, SI (State FPB)	41
Total	328

TRAININGS ATTENDED

Training is a key and 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. Aparna Sharma, AD (DNA), Sh. Nasib Singh Patial AD (Voice Analysis), Dr. Ajay Singh Rana SA (Bio & Sero.)	Forensic Science Approaches in New Criminal Laws at National Forensic Science University, Delhi on 11-12.4.24
Dr. S K Pal AD (Bio & Sero), Sh. Rajesh Kumar AD (Chem &Toxi)	Sensitization on New Criminal Laws – 2023 by Central Detective Training Institute, Hyderabad on 27 - 28.7.24 (online mode)
Sh. Sanjeev Singh SO (Phys. & Ball.)	Sevottam for Cutting Edge level Staff at HIPA Fairlawn, Shimla w.e.f 13 – 15. 5. 24

Sh. Hari Krishan Bhardwaj SO (Bio & Sero), Dr. Shivani Vats SO (DNA), Smt. Neha Sharma SO (Voice Analysis), Smt. Priya Verma SA (Forensic Psych.)	Forensic Science Approaches in New Criminal Laws at National Forensic Science University, Delhi on 18-19.4.24
Sh. Asheesh Mailha SO (Digital Forensics)	- Forensic Science Approaches in New Criminal Laws at National Forensic Science University, Delhi on 11-12.4.24 - AX200 Magnet Axiom Examination, Magnet Certified Forensic Examiner conducted by Magnet Forensics, Waterloo, Ontario, Canada w.e.f 14-17.5. 24 (online mode)
Sh. Sanjeev Kumar SI (State FPB), Smt. Nisha Devi SA (Bio & Sero.), Sh. Mukesh Sharma SA (Phy & Ball.)	Forensic Science Approaches in New Criminal Laws at National Forensic Science University, Delhi on 9-10.5.24.
Sh. Sumesh Rana SA (Voice Analysis)	Cyber and Network Security at HIPA, Fairlawns, Shimla on 8-9.8.24
All Officers & Officials	First Aid at Directorate of Forensics Services, HP on 29.3.25

CONFERENCE/SEMINAR/WORKSHOP/SYMPOSIUM ATTENDED

Name & Designation	Activity
Dr. Meenakshi Mahajan Director Forensics	16th AFSN Annual Meeting and Symposium at the Royal Thai Navy Convention Hall, Bangkok, Thailand w.e.f 26-30.8.2024
Sh. Kapil Sharma AD (NDPS)	4th International Symposium of Forensic Drug Testing Lab Directors at Bangkok (Thailand) w.e.f 29.4 – 3.5. 24. - Forensic Science Symposium by the Laboratory and Scientific Services of UNODC in collaboration with ASFN, ENFSI and US-DEA w.e.f 8 – 10.10.24 (online mode)

Sh. Asheesh Maihla SO (Digital Forensics)	• 16th AFSN Annual Meeting and Symposium organized at the Royal Thai Navy Convention Hall, Bangkok, Thailand w.e.f 26-30.8.24 (online mode) • 25th Annual IFIP WG 11.9 International Conference on Digital Forensics by IFIP WG at Eros Hotel, New Delhi on 6 – 7.1.25 • Newly Enacted Criminal Laws conducted at Institute of Constitutional and Parliamentary Studies (ICPS), New Delhi on 2-3.9.24 • 2nd International Conference on Forensics, Security & Law, at Amity University, Noida on 20-21.3.25
Sh. Manish SO(Chem &Toxi)	• Anti-Doping Science: Innovations and Challenges at National Dope Testing Laboratory, New Delhi on 19.03.25
All Officers	• Scene of Crime Management and Report Writing at Directorate of Forensics Services, HP on 18-19.9.24 • AI in Forensics – A Future Roadmap to Criminal Investigation at Directorate of Forensics Services, HP on 18.3.25
All officers of Biology & Serology and Chemistry & Toxicology	• Food Forensics at Directorate of Forensics Services, HP on 22.3.25



Justice Tettey, Chief of Drugs, Laboratory Scientific Services Branch UNODC, Director Forensics, HP with members of the Scientific Working Group on Illicit Drugs during the Annual Meeting & Symposium of AFSN at Bangkok, Thailand

SESSION CHAIRED/RADIO TALK/TV TALK/INVITED TALK

Name & Designation	Activity
Dr. Meenakshi Mahajan Director Forensics	1st International Conference on Forensics, Security and Law organized at Amity University, Noida on 3-4.4.24. Also, chaired scientific session. - West Bengal National University of Judicial Sciences, Kolkata on 9.5.24 - National Conference on Cyber Crime, Digital Forensics & Intelligence at Kohima, Nagaland on 25-26.7.24. Also, chaired scientific session. - National Forensic Science Week at Chandigarh School of Business Mohali on 20.9.24 - International Conference on Recent Developments in Forensic Sciences at Vivekananda Global University, Jaipur on 14-15.11.24. Also, chaired scientific session. - Investigating Officers at PTC Daroh. - Judicial Officers at HP Judicial Academy, Ghandal, Shimla.
Dr. Aparna Sharma, AD (DNA)	DNA profiling in Crime Investigation in Workshop on Role of Forensic Science in Crime Investigation held by Kumaun University, Nainital, Uttarakhand on 29.3.25 (online mode)
Sh. Kapil Sharma AD (NDPS)	- Narcotic Drugs: Their Classification, Identification & Sampling at Police Training College, Daroh, Distt. Kangra on 01.04.2024, 18.04.2024 & 23.04.24. - Narcotic Drugs: Their Classification, Effects and Screening Tests at H. P. Judicial Academy, Shimla on 22.6.24. - NDPS Act- Directory and Mandatory Provisions & Section 52A of the Act” by H. P. Judicial Academy, Shimla on 27.07.24 (online mode)
Sh. Rajesh Kumar, AD (Chem &Toxi)	Radio talk on “जीवन से दूर ले जाता नशा” at Doordarshan Shimla on 11 .3.25.



Sh. Rajesh Jamwal, AD (C &T), sensitizing against Drug Menace in Jan Vani

INTERNSHIP TRAININGS

Sr. No.	Institute/ University	Number of Trainees
1.	A.P. Goyal University, Shimla, H. P.	13
2.	Parul University, Vadodara, Gujarat	09
3.	Govt. Holkar Science College, Indore, Madhya Pradesh	19
4.	Rashtriya Raksha University, Gandhinagar, Gujarat	07
5.	Panjab University, Chandigarh	06
6.	National Forensic Science University, Delhi	02
7.	Amity University, Noida, Uttar Pradesh	03
8.	Kurukshetra University, Kurukshetra, Haryana	05
9.	NIMS University, Jaipur, Rajasthan	05
10.	Sardar Patel University of Police, Security and Criminal Justice, Jodhpur, Rajasthan	09
11.	SRM Institute of Science & Technology, Kattankulathur, Tamil Nadu	02
12.	Chandigarh School of Business, Mohali, Punjab	05
13.	Geeta University, Panipat, Haryana	06
14.	Chandigarh University, Mohali, Punjab	05
15.	Jaypee University, Bulandshahr, Uttar Pradesh	01
16.	SGT University, Gurugram, Haryana	09
17.	Galgotias University, Greater Noida, Uttar Pradesh	02
18.	K.R. Manglam University, Gurugram, Haryana	02
19.	Lovely Professional University, Phagwada, Punjab	05
20.	SAGE University, Indore, Madhya Pradesh	01
21.	Dyal Singh College Karnal, Haryana	01
22.	National University of Juridical Sciences, Kolkata, West Bengal	04
23.	Vivekananda Global University, Jaipur, Rajasthan	07
24.	National Forensic Sciences University, Gandhinagar, Gujarat	02
25.	Mody University of Science and Technology, Lakshmangarh, Rajasthan	04
26.	Garden City University, Bengaluru, Karnataka	03
27.	Kumaun University, DSB Campus, Nainital, Uttarakhand	05
28.	Om Sterling Global University, Hisar, Haryana	02
Total		144

SEMINAR /WORKSHOP/ COURSES/MEETINGS 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 the judiciary and the prosecution department for better understanding, evaluation and appreciation of forensic reports in the 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. To meet the objectives, the details of the courses organized are as follows:

Course Details	Number of Participants
Course on Forensic Science for newly appointed Civil Judges on 3-7.9.24	06
Workshop on Scene of Crime Management and Report Writing on 18-19.9.24	28
Scientific Working Group on Biological Sciences w.e.f 4-6.1.25	18
Scientific Working Group on Chemical Sciences w.e.f 9-10.1.25	15
Scientific Working Group on Physical Sciences on 11.1.25	11
Workshop on Collection and Preservation of Biological Matrices for DNA profiling and Forensic Toxicology for Medical Officers on 12.3.25	16
Workshop on AI in Forensics – A Future Roadmap to Criminal Investigation on 18.3.25	35
Workshop on Food Forensics on 22.3.25	19



Forensic Experts from different Forensic Set-ups during workshop on Crime Scene Management and Report Writing

COURT EVIDENCE

Name & Designation	Number
Dr. Meenakshi Mahajan, Director Forensics	42
Dr. Vivek Sahajpal, AD (DNA)	25
Sh. Kapil Sharma, AD (NDPS)	01
Dr. S K Pal, AD (Bio & Sero)	07
Sh. Nasib Singh Patial, AD (Voice Analysis)	11
Sh. Rajesh Kumar AD (Chem &Toxi)	05
Dr. Shivalika Sharma, AD (Psy.)	01
Sh. Mam Raj Sharma AD (Docu & Photo)	18
Dr. Nitin Singh Mandla, AD (Docu & Photo)	08
Sh. Sanjeev Singh, SO (Phys & Ball)	01
Dr. Shivani Vats, SO (DNA)	11
Sh. Harish Bhardwaj, SO (Bio & Sero)	07
Sh. Asheesh Maihla, SO (Digital Forensics)	05
Smt. Neha Sharma, SO (Voice Analysis)	01
Sh. Sanjeev Kumar, SI (State Finger Print Bureau)	02
Dr. Ajay Singh Rana SA (Bio & Sero.)	02
Total	147

SCENE OF CRIME

Name & Designation	Number
Dr. Meenakshi Mahajan, Director Forensics	04
Dr. Vivek Sahajpal, AD (DNA)	03
Dr. S.K. Pal, AD (Bio & Sero)	02
Sh. Nasib Singh Patial, AD (Voice Analysis)	42
Sh. Rajesh Kumar AD (Chem & Toxi)	05
Sh. Sanjeev Singh, SO (Phys. & Ball)	09
Sh. Hari Krishan Bhardwaj, SO (Bio & Sero)	16
Dr. Shivani Vats, SO (DNA)	02
Sh. Ashish Maihla, SO (Digital Forensics)	03
Sh. Sanjeev Kumar, SI (State Finger Print Bureau)	02
Sh. Ajay Rana, SA (Bio & Sero)	08
Sh. Daya Lal, ASI (State Finger Print Bureau)	03
Sh. Lalit Kumar, HC (State Finger Print Bureau)	03
Sh. Ranvir Singh, HC (State Finger Print Bureau)	02
Total	104

RESEARCH PUBLICATIONS

- **Mahajan, M.** (2024). Multi-script pattern recognition and handwritten signature verification system for forensic document examination. *International Journal of Advanced Research in Engineering & Technology (IJARET)*, 15(4), 121–134. <https://doi.org/10.5281/zenodo.13375479>
- **Mahajan, M.** (2024). Integrated system for forensic document analysis: Multi-script recognition and handwritten signature verification. *Journal of Computer Engineering and Technology (JCET)*, 7(2), 1–16. <https://doi.org/10.5281/zenodo.13737405>
- **Maihla, A., Mahajan, M., Sinha, A., & Sehgal, A.** (2024). Identification of wild fauna in illegal trade through integrated forensic approach: A case study. *International Journal of Innovative Research in Technology (IJIRT)*, 11(8), 3484–3489. <https://ijirt.org/Article?manuscript=172461>

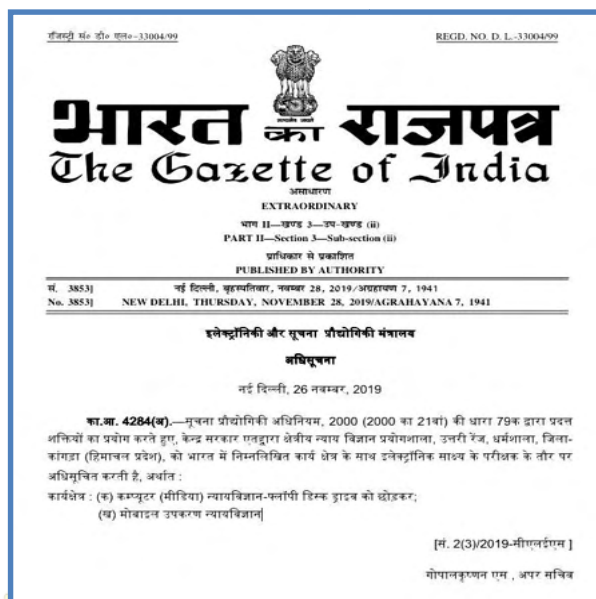


A view of International Symposium of Forensic Drug Testing Lab Directors attended by Sh. Kapil Sharma, AD (NDPS) and other delegates at Bangkok, Thailand

RFSL, NR, DHARAMSHALA

INTRODUCTION:

Dharamshala became the 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 the Regional Forensic Science Laboratory, Northern Range to cover the farthest ends and to expedite the 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. 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. One District One Police Station: A Pilot Project was first launched from the premises of RFSL, NR, Dharamshala in the year 2013 for the 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 as Examiner of Electronic Evidence u/s 79A IT Act, 2000 by the Ministry of Electronics and Information Technology, GOI in 2019 for the examination of Computer storage media and Cell phone devices and on the basis of

annual assessment by the MeITY lab is successfully maintaining the same. Accordingly, the cases of Forensic Electronics and Computer Forensics and Cell phone from the Enforcement Directorate are undertaken in the Cyber Forensics speciality.

The laboratory has established a unique facility for the 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.

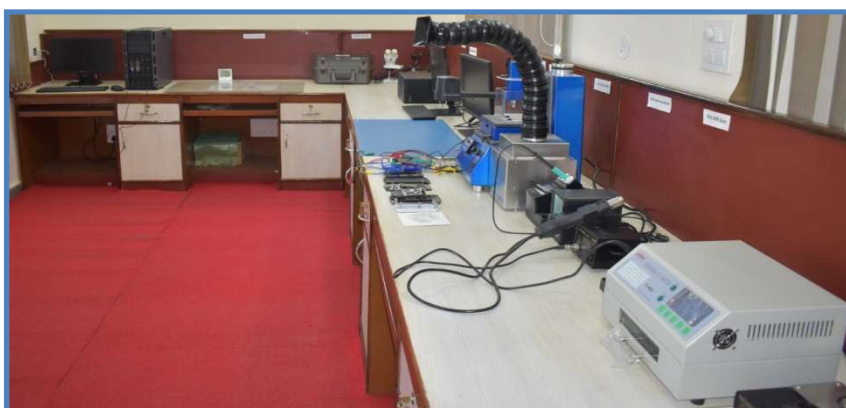
The forensic experts are rendering services in the field of scene of crime examination and providing regular faculty to the Police Training College, Daroh & HP Judicial Academy.

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, NFS South Korea since 2016-17. Similarly, the forensic expert of DNA Profiling has successfully participated in the International Quality Assurance DNA testing and proficiency program organized by Academia Iberoamericana de Criminalística y Estudios Forenses (AICEF), Spain and Asian Forensic Science Network (AFSN). The forensic expert of Chemical Sciences has successfully participated in International Collaborative Exercises with the United Nation Office on Drugs & Crime (UNODC), Vienna. The Document & Photo Division also got registered with the United Nations Office on Drugs and Crime (UNODC) in 2024 and successfully participated in ICE program.

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 the Advanced Instrumentation Centre is in progress and likely to be completed in the 3rd quarter of 2025.

The laboratory has three divisions and eight specialities:

- | | | |
|------------------------------|----------------------------|----------------------------|
| • Biological Sciences | • Chemical Sciences | • Physical Sciences |
| ✓ Biology & Serology | ✓ Chemistry & Toxicology | ✓ Document & Photography |
| ✓ DNA Unit | | ✓ Cyber Forensics |



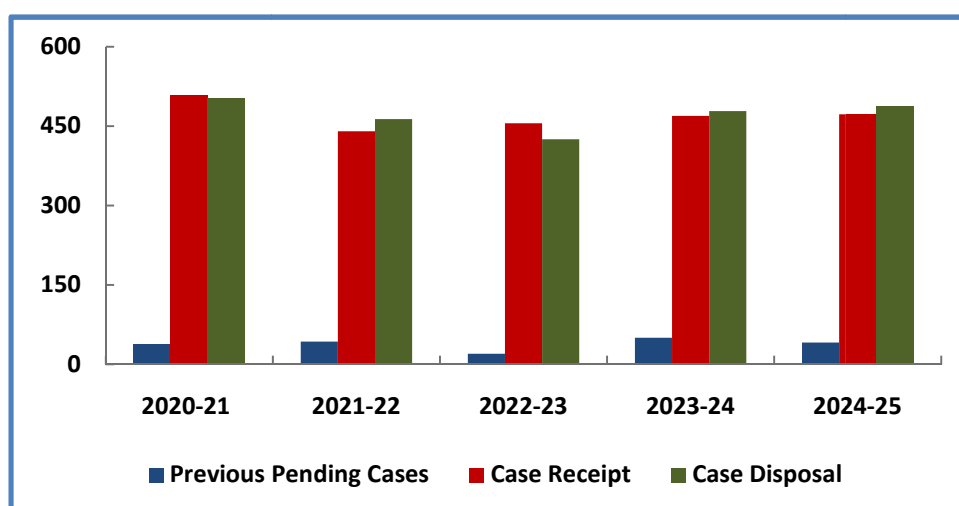
A view of State-of-the-Art Damaged Device Analysis Facility

Biology & Serology Division:

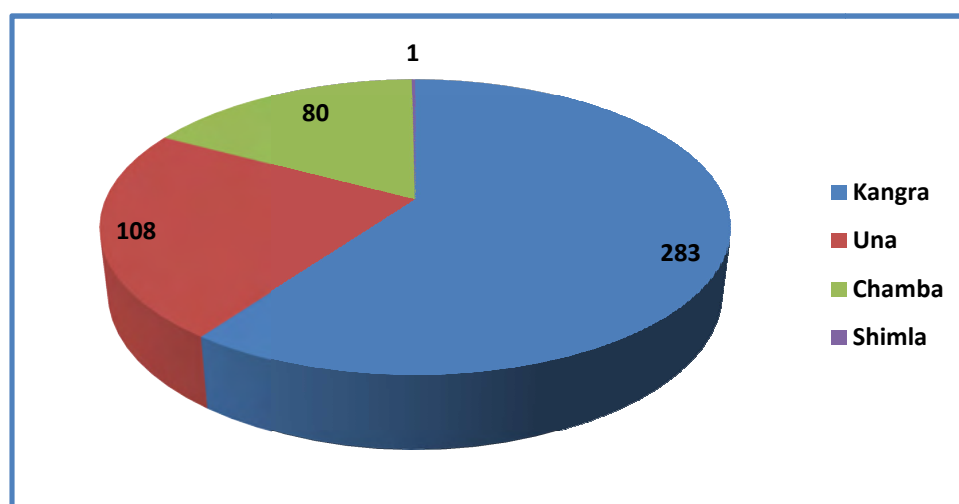
The division is functioning since 2008. The division plays a vital role in cases of homicide, suicide or accidental death, sexual assault, and drowning etc. The types of evidentiary clues examined in different cases for identification and comparison are as under:

- Blood, semen and saliva
- Diatom from bone sample
- Vomit and faecal 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-YEAR CASE STATISTICS



DISTRICT WISE CASE RECEIPT (2024-25)

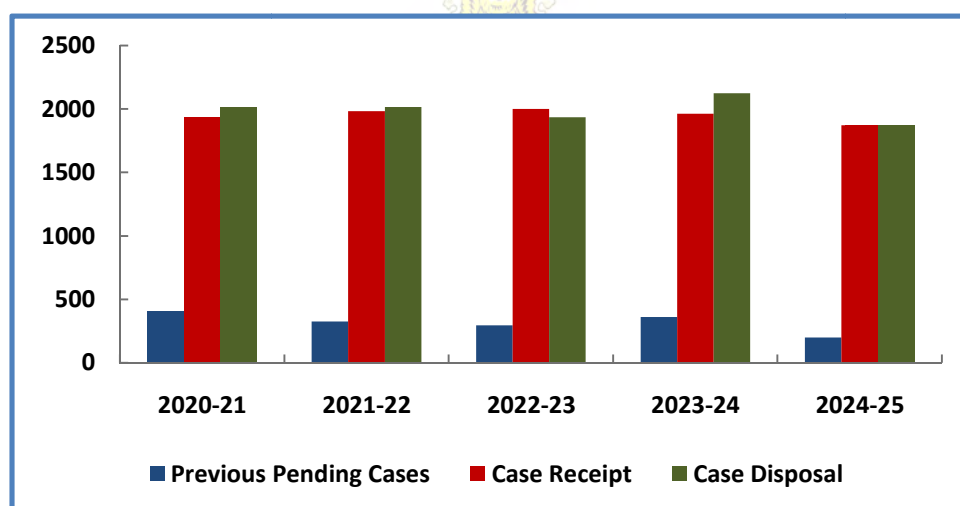


Chemistry & Toxicology Division:

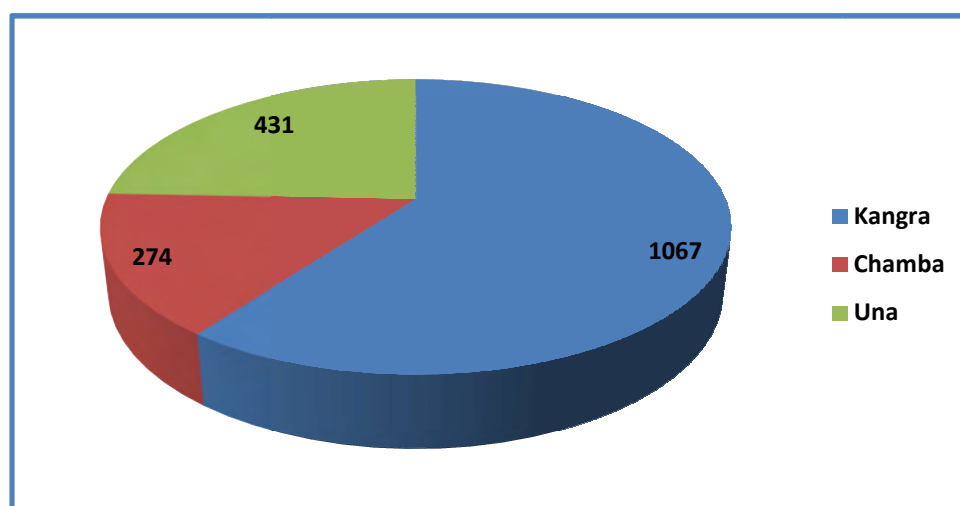
The division started examination of cases in the year, 2008. The examination of excise cases (liquor cases) has also started in 2011. There has been regular updation of technology in the division. The Gas Chromatograph-Head Space (GC-HS), Gas Chromatograph Mass Spectrograph (GC-MS), FTIR equipments were procured to automate the analysis. The division undertakes examination of clue materials:

- Petroleum products residues in arson, dowry deaths and 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-YEAR CASE STATISTICS



DISTRICT WISE CASE RECEIPT (2024-25)

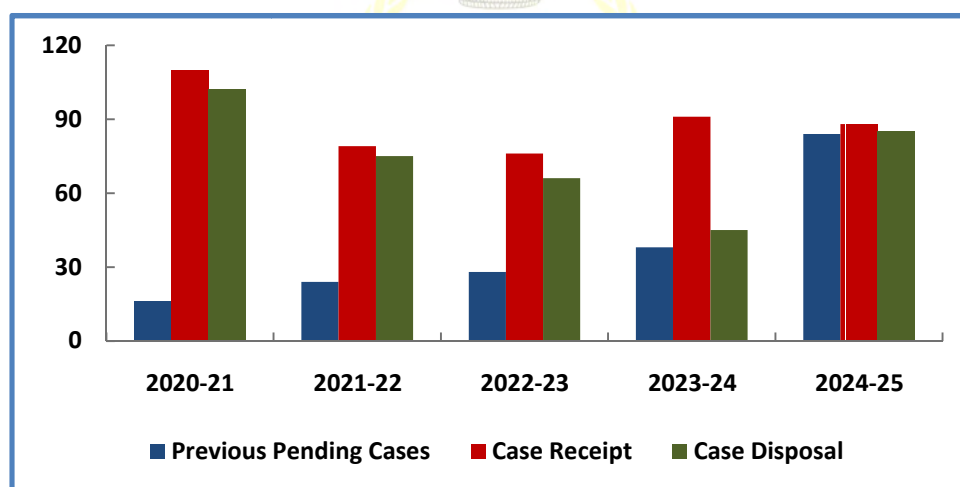


Document & Photography Division:

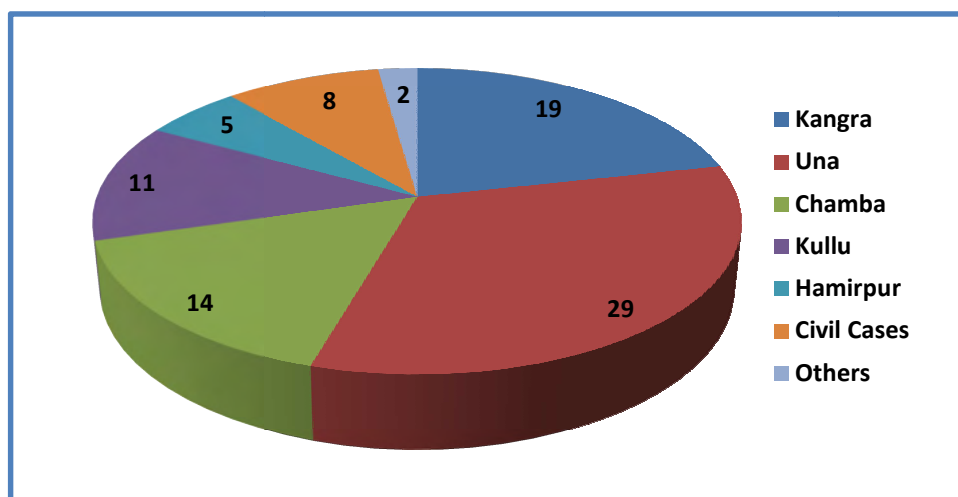
Forensic Document is the systematic and scientific study of holomastic and onomastic documents. The Document and Photography Division was established in July, 2008. The crime cases pertaining to Forensic Documents from Districts Kangra, Chamba, Una, Hamirpur, Kullu, Lahaul Spiti, SV&ACB of Northern Range,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

- Fraud and forgery
- Handwriting, signatures, typewritings, 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-YEAR CASE STATISTICS

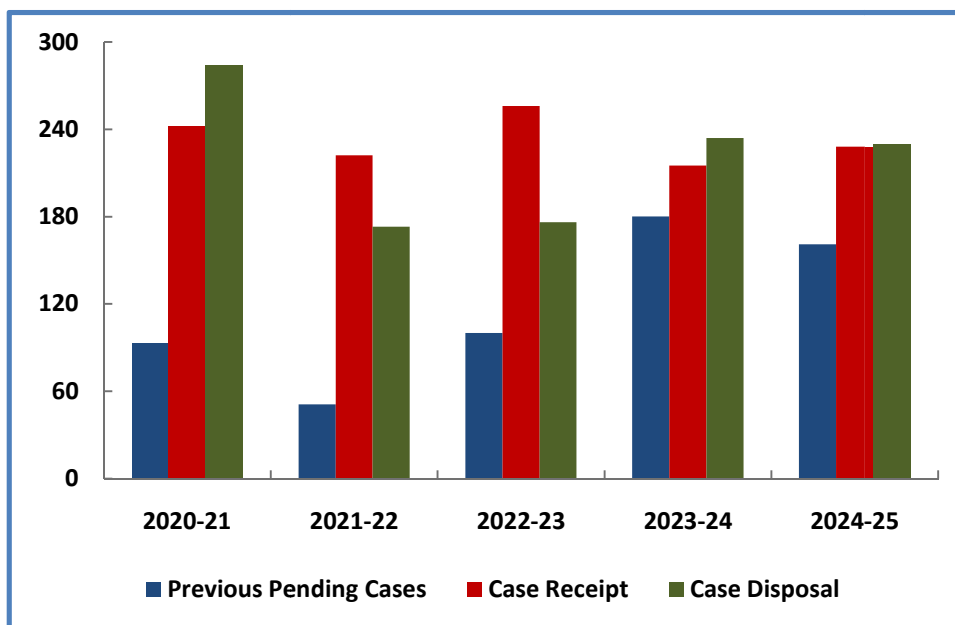


DISTRICT WISE RECEIPT (2024-25)

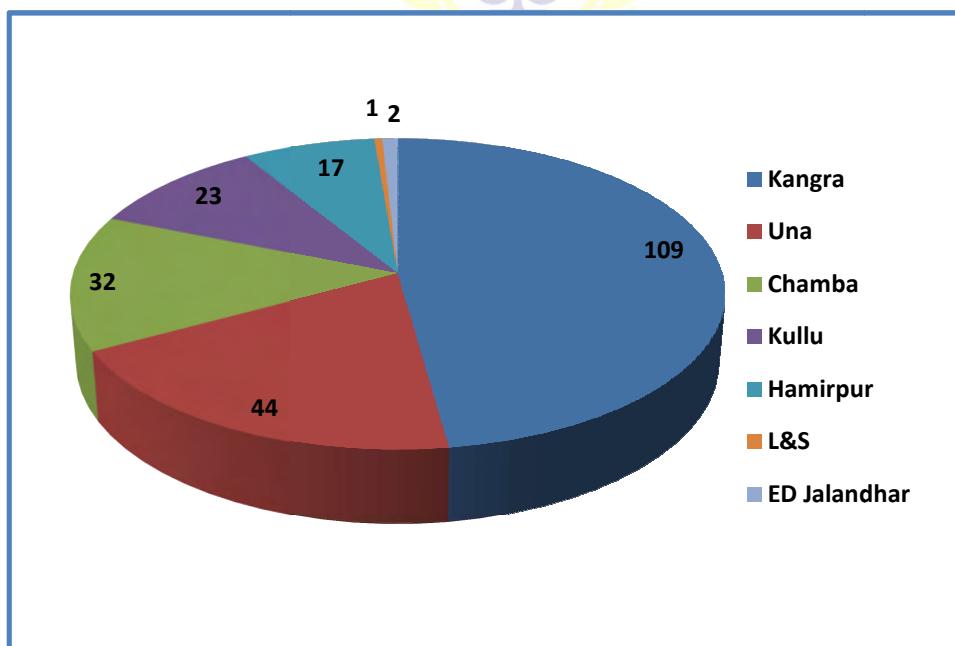


Cyber Forensics:

FIVE-YEAR CASE STATISTICS



DISTRICT WISE RECEIPT (2024-25)

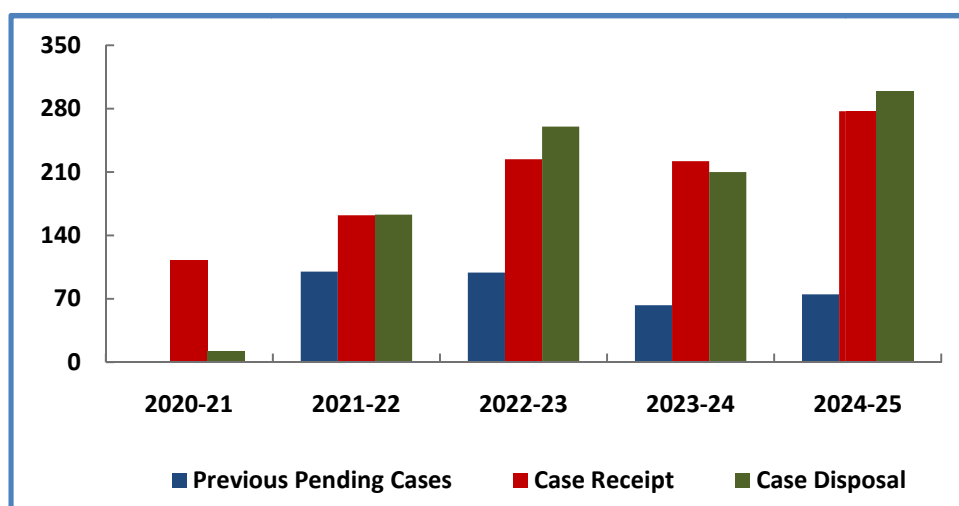


DNA Profiling Unit:

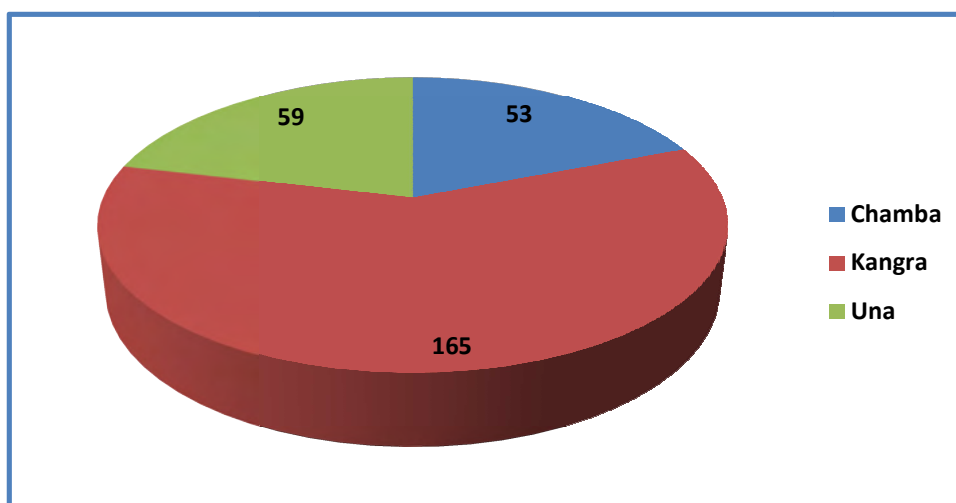
DNA is a gold standard in forensic science. In view of the reliance by the Justice Delivery System in the dispensation of Justice, the Govt. of Himachal Pradesh extended DNA Technology at Range levels in the Regional Forensic Science Laboratory at Dharamshala, The lab started functioning after creating the necessary infrastructure and imparting extensive training to the experts 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

FIVE-YEAR CASE STATISTICS



DISTRICT WISE CASE RECEIPT (2024-25)



TEACHING & TRAINING

Name & Designation	Number of lectures/demonstrations
Sh. Ajay Kumar Sehgal, AD (Bio & Sero)	48
Dr. Rakesh Soni, AD (Chem & Toxi)	55
Dr. Ashwani Bhardwaj, SO (DNA)	03
Sh. Jaswant Singh, SO (Docu & Photo)	09
Dr. Ankita Sharma, SO (DNA)	02
Total	117

TRAININGS ATTENDED

Name & Designation	Details of the Training
Sh. Ajay Sehgal AD (Bio & Sero)	- Forensic Science Approaches in New Criminal Laws at National Forensic Science University, Delhi on 18-19.4.24 - Lifting of Fingerprints from Scene of Crime at RFSL NR on 24.12.24.
Dr. Rakesh Soni AD (Chem & Toxi), Dr. Ashwani Bhardwaj SO (DNA), Sh. Upender SA (Docu & Photo)	- Forensic Science Approaches in New Criminal Laws at National Forensic Science University, Delhi on 11-12.4.24 - Lifting of Fingerprints from Scene of Crime at RFSL NR on 24.12.24.
Dr. Ankita Sharma SO (DNA)	- Forensic Science Approaches in New Criminal Laws at National Forensic Science University, Delhi on 11-12.4.24 - Lifting of Fingerprints from Scene of Crime at RFSL NR on 24.12.24. - Office Procedure and Financial Administration at HIPA, Dharamshala w.e.f 27 - 31.1.25. - Advancing Justice through DNA Technology at National Forensic Science University, Delhi w.e.f 17- 20.3.25
Sh. Jaswant Singh SO (Docu & Photo)	Forensic Science Approaches in New Criminal Laws at National Forensic Science University, Delhi on 18-19.4.24
Sh. Ankush Kumar SA (Bio & Sero)	Forensic Science Approaches in New Criminal Laws at National Forensic Science University, Delhi on 9-10.5.24.
Ms. Purnima Chauhan SA (DNA)	- Forensic Science Approaches in New Criminal Laws at National Forensic Science University, Delhi on 18-19.4.24 - Lifting of Fingerprints from Scene of Crime at RFSL NR on 24.12.24.

CONFERENCE/SEMINAR/WORKSHOP/SYMPOSIUM ATTENDED

Name & Designation	Activity
Sh. Ajay Sehgal AD (Bio & Sero), Dr. Rakesh Soni AD (Chem & Toxi)	• Scene of Crime Management and Report Writing at Directorate of Forensics Services, HP on 18-19.9.24 • AI in Forensics – A Future Roadmap to Criminal Investigation by Directorate of Forensics Services, HP on 18.3.25 (online mode) • Food Forensics by Directorate of Forensics Services, HP on 22.3.25(online mode)
Dr. Ashwani Bhardwaj SO (DNA)	• Scene of Crime Management and Report Writing at Directorate of Forensics Services, HP on 18-19.9.24 • AI in Forensics – A Future Roadmap to Criminal Investigation by Directorate of Forensics Services, HP on 18.3.25(online mode) • QualmaCon at Stein Auditorium, Indian Habitat Centre, New Delhi on 10.6.2024.
Dr. Ankita Sharma SO (DNA)	• Scene of Crime Management and Report Writing at Directorate of Forensics Services, HP on 18-19.9.24 • AI in Forensics – A Future Roadmap to Criminal Investigation by Directorate of Forensics Services, HP on 18.3.25(online mode) • Collection and Preservation of Biological Matrices for DNA Profiling and Forensic Toxicology on 12.3.2025 at DFS, H.P.
Ms. Purnima Chauhan SA (DNA)	• Food Forensics by Directorate of Forensics Services, HP on 22.3.25(online mode)

SESSION CHAIRED/RADIO TALK/TV TALK/INVITED TALK

Name & Designation	Activity
Dr. Rakesh Soni AD (Chem & Toxi)	• Invited lectures on Investigation of NDPS Cases with latest judgments to Investigation Officers of Punjab, Haryana and Chandigarh Police at Police Training College, Daroh, Kangra during the year. • Drug of abuse among students at Atal Bihari Vajpayee Govt. Degree College Takipur, Kangra, Distt Kangra, HP on 17.12.24 • Investigation of NDPS Cases with latest judgments and Financial Investigation at 2nd IRBN Sakoh on 8.1& 19.2.2025.

INTERNSHIP TRAININGS

Sr. No.	Institute/ University	Number of Trainees
1.	Garden City University, Bengaluru, Karnataka	08
2.	Lovely Professional University, Phagwada, Punjab	06
3.	Om Sterling Global University, Hisar, Haryana	04
4.	SHIATS University, Prayagraj, U.P.	05
5.	Kurukshetra University, Kurukshetra, Haryana	09
6.	Panjab University, Chandigarh	06
7.	Amity University, Gurugram, Haryana	03
8.	Chandigarh Group of Colleges, Mohali, Punjab	04
9.	DevBhoomi University, Dehradun, Uttarakhand	10
10.	NIMS University, Jaipur, Rajasthan	01
11.	Chandigarh University, Mohali, Punjab	03
12.	Rayat Bahra University, Mohali, Punjab	01
13.	Bahara University, Wakhnaghat, H.P.	16
14.	A.P. Goyal University, Shimla, H. P.	12
15.	Parul University, Vadodara, Gujarat	08
16.	MATS University, Raipur, Chhattisgarh	07
17.	HPU University, Shimla, H.P.	12
Total		115



Faculty & Students of Kurukshetra University at Range FSL, NR, Dharmshala

SEMINAR /WORKSHOP/ COURSES ORGANIZED

Course Details	Number of Participants
Lifting of Fingerprints from Scene of Crime at RFSL NR on 24.12.24	23
Training Course for MD (Forensic Medicine) students of Dr. RPGMC Tanda, Kangra w.e.f. 10 to 16.2.25	01

COURT EVIDENCE

Name & Designation	Number
Sh. Ajay Sehgal, AD (Bio & Sero)	72
Dr. Rakesh Soni, AD (Chem & Toxi)	18
Dr. Ashwani Bhardwaj, SO (DNA)	33
Sh. Jaswant Singh, SO (Docu & Photo)	03
Total	126

SCENE OF CRIME

Name & Designation	Number
Sh. Ajay Kumar Sehgal, AD (Bio & Sero)	29
Dr. Rakesh Kumar, AD (Chem & Toxi)	19
Dr. Ashwani Bhardwaj, SO (DNA)	17
Total	65

RESEARCH PUBLICATIONS

- Maihla, A., Mahajan, M., Sinha, A., & Sehgal, A. (2024). Identification of wild fauna in illegal trade through integrated forensic approach: A case study. *International Journal of Innovative Research in Technology (IJIRT)*, 11(8), 3484–3489. <https://ijirt.org/Article?manuscript=172461>
- Kumar, R., & Mahajan, M. (2024). Phosphide as a predominant toxin in forensic viscera samples: A retrospective study. In *Proceedings of the 16th Asian Forensic Science Network Annual Meeting & Symposium* (August 26–30, 2024)

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 2008. 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 profiling was introduced after the recruitment and training of Scientific Officer and the procurement of the equipment in 2022. 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, after creating necessary infrastructure, made liaison with PGIMER, Chandigarh, qualified competency test of PGIMER, Chandigarh and ICMR, New Delhi and provided RT-PCR-based COVID-19 testing facility to Distt. Kullu and Lahaul-Spiti.

The Forensic DNA expert has successfully participated in the International Quality Assurance DNA testing and proficiency program organized by Academia Iberoamericana de Criminalística y Estudios Forenses (AICEF), Spain.

The RFSL, CR was again ISO/IEC 17025:2017 NABL accredited in 2024, ensuring quality forensic reports from the lab. The 1st stage assessment for notification as an Examiner of Electronic Evidence under Section 79A, IT Act, 2000 was successfully completed.

The Hon'ble Chief Minister of Himachal Pradesh inaugurated a new state-of-the-art DNA and advanced instrument block on 27.2.2025, thereby strengthened forensics infrastructure to conduct efficient lab analysis works.

The laboratory has three divisions and eight specialties:

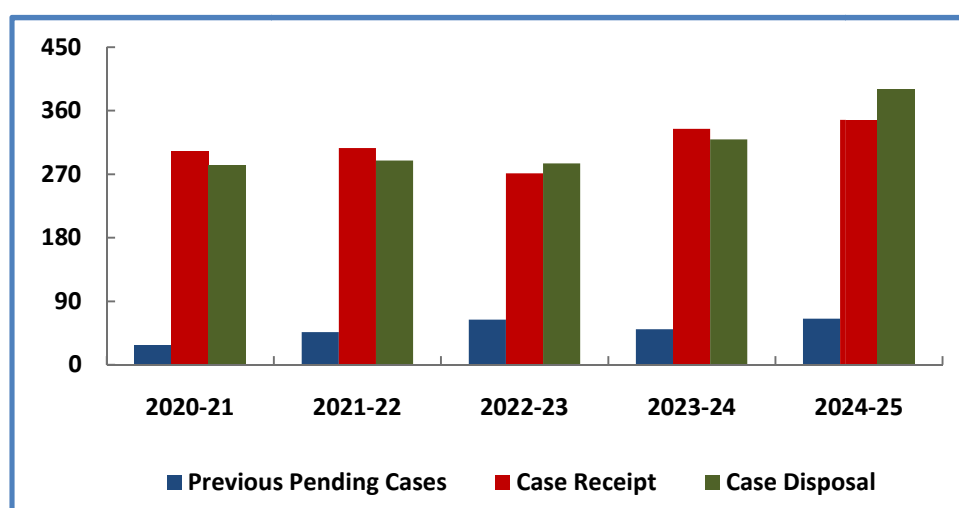
- | | | |
|------------------------------|----------------------------|----------------------------|
| • Biological Sciences | • Chemical Sciences | • Physical Sciences |
| ✓ Biology & Serology | ✓ Chemistry & Toxicology | ✓ Physics & Ballistics |
| ✓ DNA Unit | | ✓ Voice Analysis |

Biology & Serology Division:

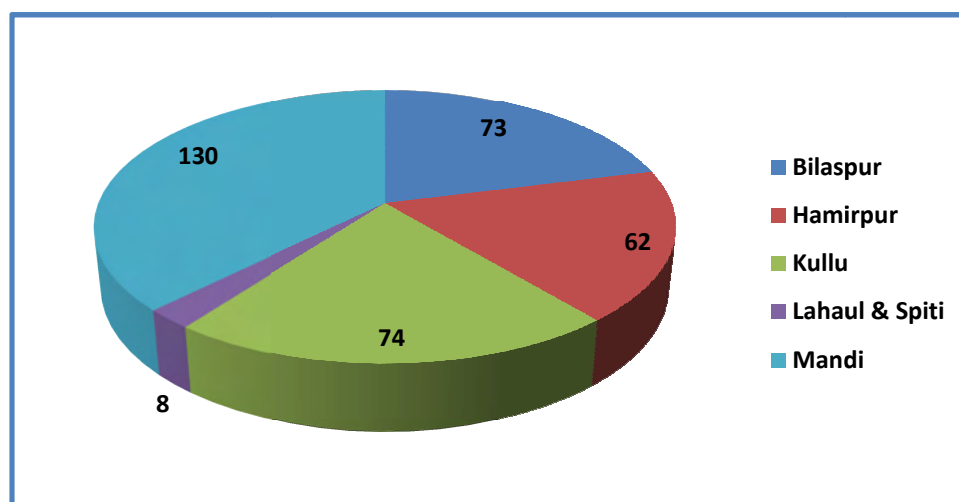
Evidences of biological origin plays a vital role in cases of homicide, suicide or accidental death, sexual assaults and in cases of wildlife (flora and fauna), besides ante-mortem or postmortem drowning. The clues are examined for the purpose of identification and comparison with control samples. Types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

- Blood, semen and saliva
- Vomit, faecal 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), fibre, feather
- Maggots (Forensic Indicators)
- Wood and plant identification
- Wildlife Cases (examination of animal skin, blood, flesh)
- Diatom from bones

FIVE-YEAR CASE STATISTICS



DISTRICT WISE RECEIPT (2024-25)

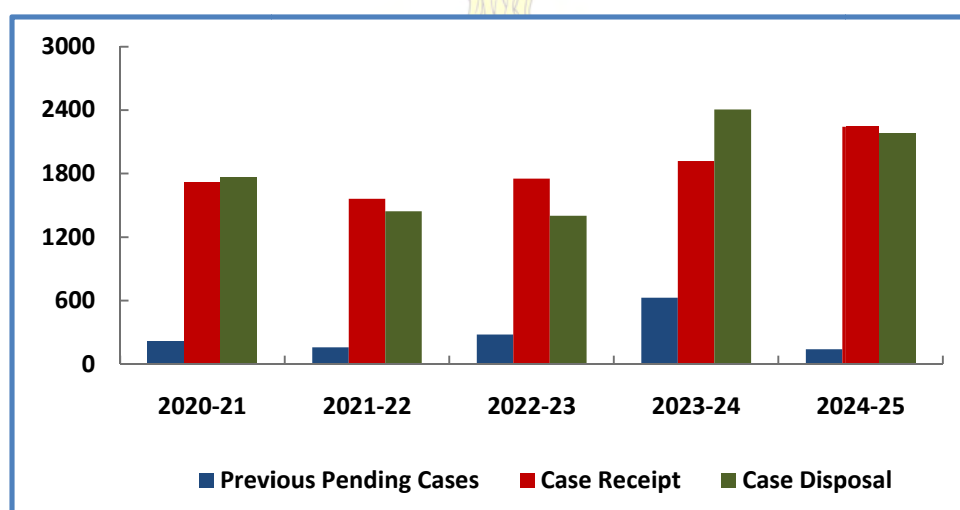


Chemistry & Toxicology Division:

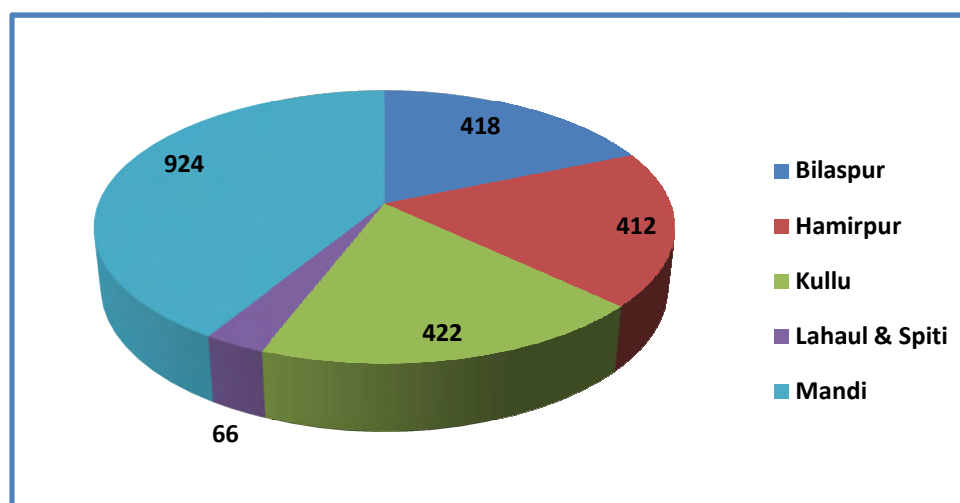
The division started examination of cases in the year, 2009. The examination of excise cases (liquor cases) has also started in 2011. There has been regular updation of technology in the division. The Gas Chromatograph-Head Space (GC-HS), Gas Chromatograph Mass Spectrograph (GC-MS), FTIR equipments were procured to automate the analysis. The division undertakes examination of clue materials:

- 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-YEAR CASE STATISTICS



DISTRICT WISE RECEIPT (2024-25)

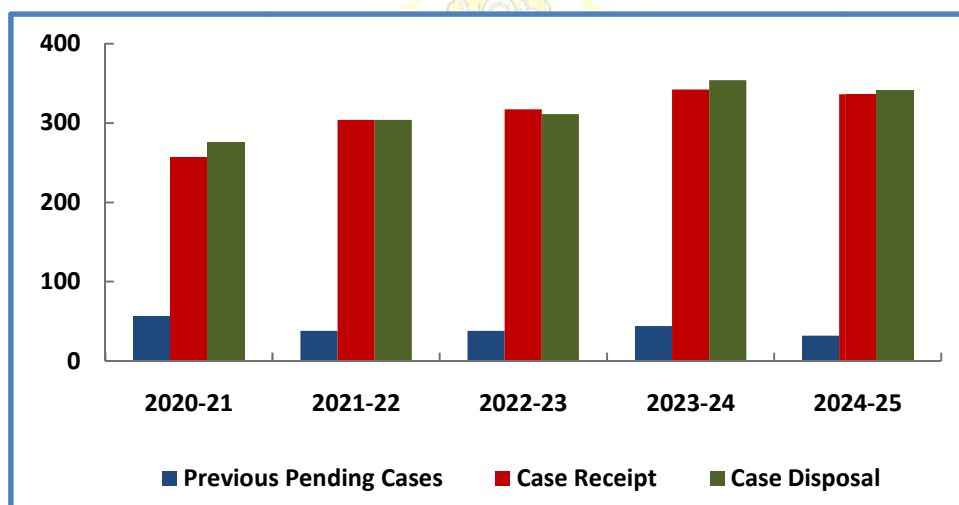


Physics & Ballistics Division:

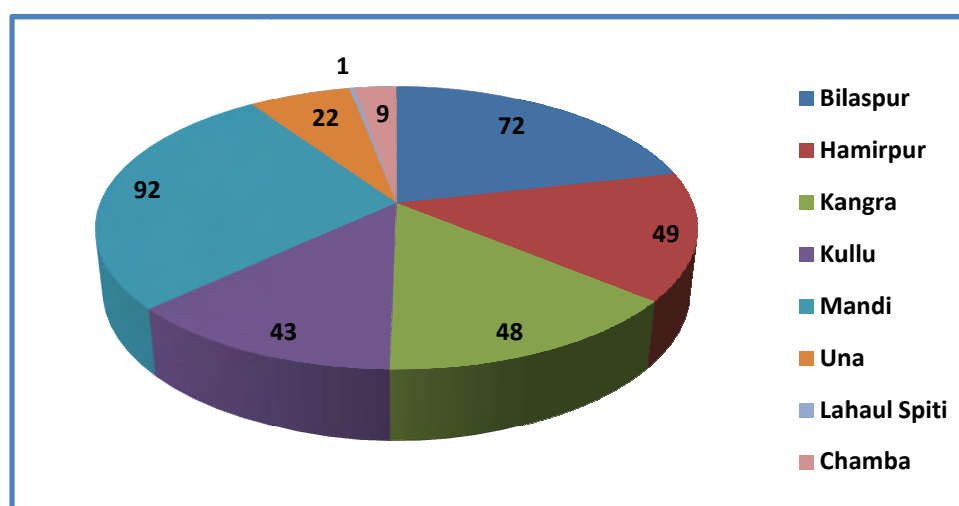
The division plays a vital role in understanding the mechanics of crimes involving firearms, projectiles, road accident & post-blast residues in explosive cases. The work started in the year 2009. With the rise in voice analysis cases across the state and the growing demand from investigating agencies, the examination of voice-related evidence commenced in 2020. This division undertakes examination of 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 the identification number
- Firearms, ammunition & gunshot residues etc
- Facial comparison
- Audio matching and authentication excluding deep fakes

FIVE-YEAR CASE STATISTICS

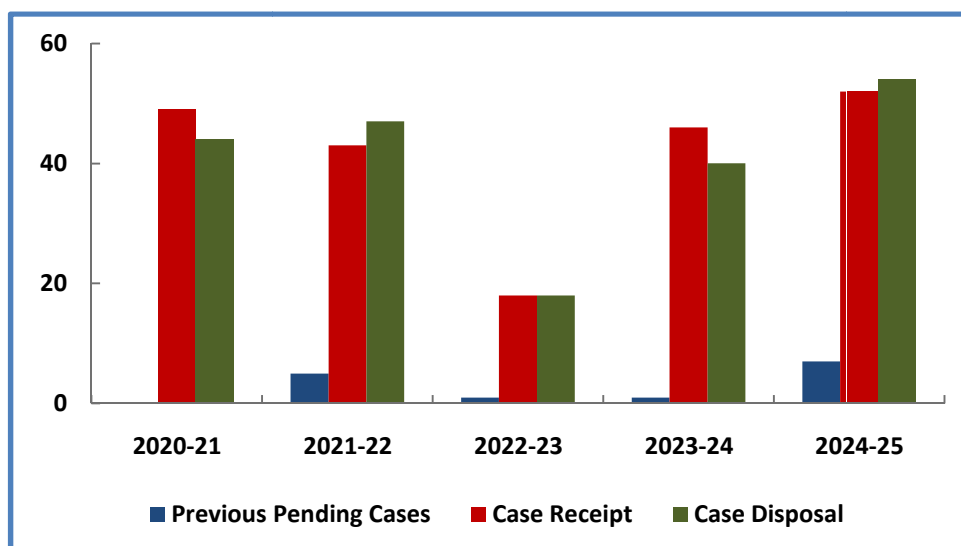


DISTRICT WISE RECEIPT (2024-25)

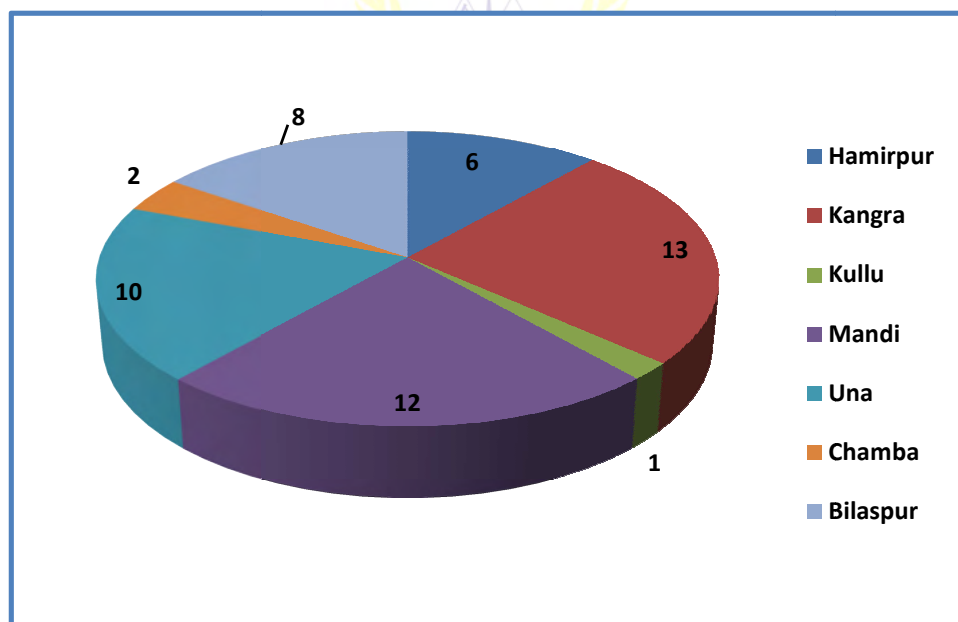


Voice Analysis:

FIVE-YEAR CASE STATISTICS



DISTRICT WISE RECEIPT (2024-25)

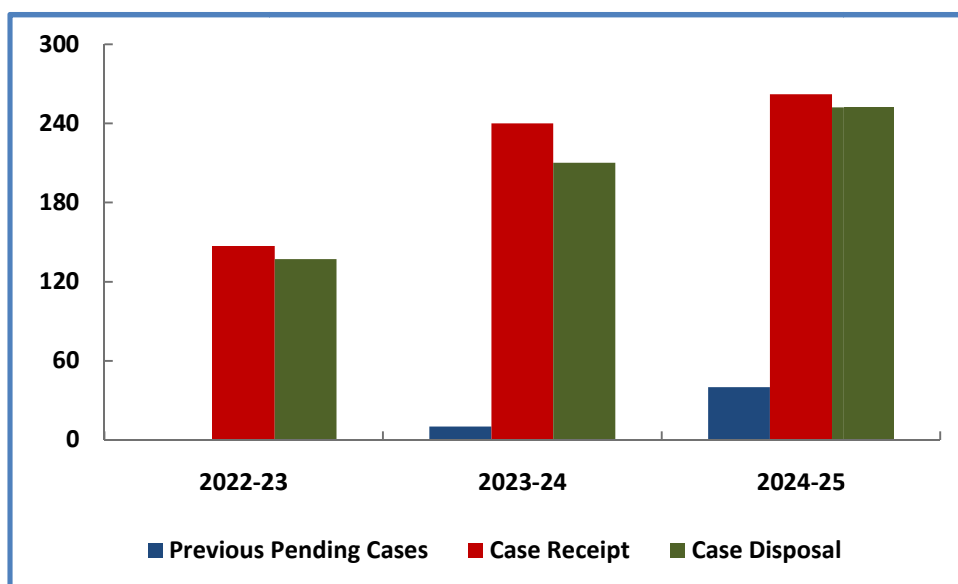


DNA Profiling Unit:

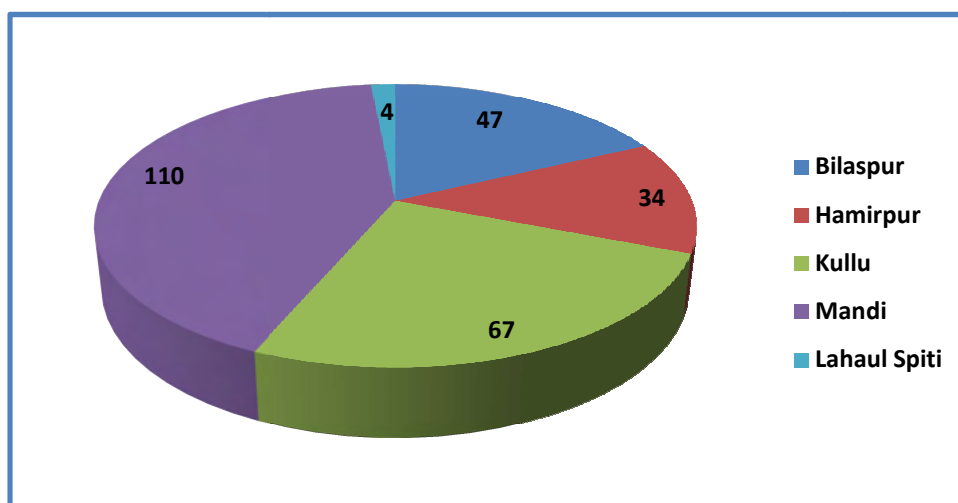
The work of DNA analysis commenced in the Central Range, Mandi in 2022. During COVID-19 pandemic, the unit provided RT-PCR based testing facility. The following clue materials are examined in the laboratory:

- 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 (2024-25)



TEACHING & TRAINING

Name & Designation	Number of lectures/demonstrations
Sh. Rajesh Kumar, Deputy Director, CR	09
Dr. N.P. Dubey, AD (Chem & Toxi)	06
Dr. Sanjeev Kumar, AD (Phys & Ball)	06
Sh. Tek Chand, AD (Bio & Sero)	05
Dr. Naresh Kumar, SO (DNA)	05
Sh. Chander Kant, SO (Phys & Ball)	02
Sh. Dev Raj, SO (Bio & Sero)	03
Sh. Rakesh Rana, SO (Chem & Toxi)	03
Total	39

TRAININGS ATTENDED

Name & Designation	Details of the Training
Sh. Rajesh Kumar, Deputy Director, CR, Dr. N.P. Dubey, AD (Chem & Toxi), Sh. Chander Kant SO (Phys & Ball)	Forensic Science Approaches in New Criminal Laws at National Forensic Science University, Delhi on 9-10.5.24
Dr. Sanjeev Kumar AD (Phys & Ball)	Sensitization on New Criminal Laws – 2023 by Central Detective Training Institute, Hyderabad on 27 - 28.7.24 (online mode)
Dr. Naresh Kumar SO (DNA), Sh. Dev Raj SO (Bio & Sero)	Forensic Science Approaches in New Criminal Laws at National Forensic Science University, Delhi on 11-12.4.24
Smt. Poonam Sharma, SA (Chem & Toxi), Ms. Aishwarya Thakur SA (DNA)	Forensic Science Approaches in New Criminal Laws at National Forensic Science University, Delhi on 18-19.4.24

CONFERENCE/SEMINAR/WORKSHOP/SYMPOSIUM ATTENDED

Name & Designation	Activity
Sh. Rajesh Kumar Deputy Director, CR	AI in Forensics – A Future Roadmap to Criminal Investigation at Directorate of Forensics Services, HP on 18.3.25 (online mode)
Dr. N. P. Dubey AD (Chem & Toxi),	- AI in Forensics – A Future Roadmap to Criminal Investigation at Directorate of Forensics Services, HP on 18.3.25(online mode) - Food Forensics at Directorate of Forensics Services, HP on 22.3.25(online mode)
Sh. Tek Chand AD (Bio & Sero), Sh. Dev Raj SO (Bio & Sero), Sh. Rakesh Kumar Rana SO (Chem & Toxi)	- Scene of Crime Management and Report Writing at Directorate of Forensics Services, HP on 18-19.9.24 - AI in Forensics – A Future Roadmap to Criminal Investigation at Directorate of Forensics Services, HP on 18.3.25(online mode) - Food Forensics at Directorate of Forensics Services, HP on 22.3.25(online mode)
Dr. Sanjeev Kumar AD (Phys & Ball)	- Scene of Crime Management and Report Writing at Directorate of Forensics Services, HP on 18-19.9.24 - AI in Forensics – A Future Roadmap to Criminal Investigation at Directorate of Forensics Services, HP on 18.3.25(online mode)
Smt. Poonam Sharma SA (Chem. & Toxi)	AI in Forensics – A Future Roadmap to Criminal Investigation at Directorate of Forensics Services, HP on 18.3.25(online mode)

SESSION CHAIRED/RADIO TALK/TV TALK/INVITED TALK

Name & Designation	Activity
Dr. Sanjeev Kumar AD (Phys. & Ball.)	Importance of hash value in digital evidence at different police stations of Central Range.

SEMINAR /WORKSHOP/ COURSES ORGANIZED

Course Details	Number of Participants
Course on Forensic Science for the Investigating officers of Central Range w.e.f 27.1 to 7.2.24	13

INTERNSHIP TRAININGS

S.No.	Institute/University	Number of Trainees
1.	Chandigarh University, Mohali, Punjab	03
2.	Lovely Professional University, Phagwara, Punjab	02
3.	Panjab University, Chandigarh	01
4.	Indian Institute of Science Education & Research, Bhopal, Madhya Pradesh	01
5.	Galgotias University, Greater Noida, Uttar Pradesh	08
6.	Himachal Pradesh University, Shimla, Himachal Pradesh	17
7.	National Forensic Science University, Goa	01
Total		33

COURT EVIDENCE

Name & Designation	Number
Sh. Rajesh Kumar, Deputy Director, CR	05
Dr. N.P. Dubey, AD (Chem & Toxi)	11
Sh. Tek Chand, AD (Bio & Sero)	04
Dr. Sanjeev Kumar, AD (Phys. & Ball.)	08
Dr. Naresh Kumar, SO (DNA)	14
Sh. Chander Kant, SO (Phys. & Ball.)	03
Total	45

SCENE OF CRIME

Name & Designation	Number
Sh. Rajesh Kumar, Deputy Director, CR	19
Dr. N.P. Dubey, AD (Chem & Toxi)	21
Dr. Sanjeev Kumar, AD (Phys & Ball)	24
Dr. Naresh Kumar, SO (DNA)	13
Sh. Chander Kant, SO (Phys & Ball)	17
Sh. Dev Raj, SO (Bio & Sero)	11
Sh. Rakesh Rana, SO (Chem & Toxi)	11
Total	116

RESEARCH PUBLICATIONS

- Sharma, B., Yadav, B., **Kumar, S.**, Bumbrah, G. S., & Sharma, A. (2025). *Forensic comparison of acoustic voice samples recorded in different mobile phone devices: A preliminary study. Journal of Forensic Science & Medicine, 11(1), 11–16.*
https://doi.org/10.4103/jfsm.jfsm_70_24

DISTRICT FORENSIC UNITS

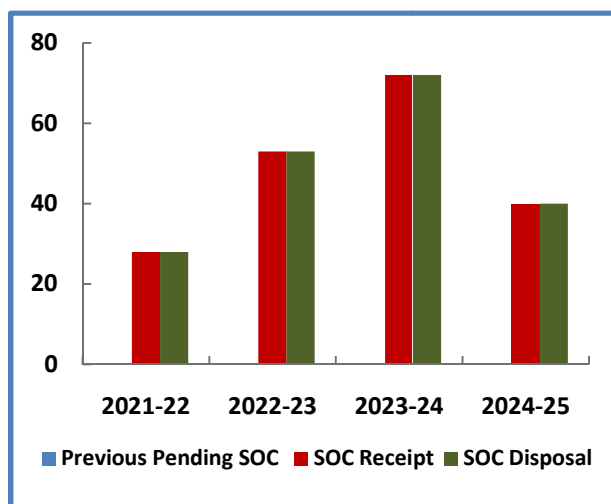
The Forensic Services network was expanded to District level in Himachal Pradesh in pursuance to the recommendations of National Human Right Commission (NHRC, 1999): the State-of-the Art Forensic Sciences: For Better Criminal Justice System and Plan for Modernization of Police Forces, Bureau of Police 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 availability of the forensic experts at the scene of crime and assist 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:

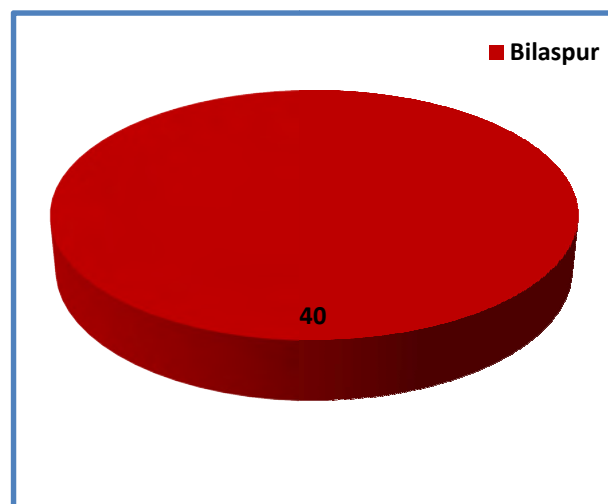
District Forensic Unit (DFU) Bilaspur:

The District Forensic Unit, Bilaspur started its functioning from State FSL Junga, in the year 2015. Now, the DFU is temporarily housed and made 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 (2024-25)

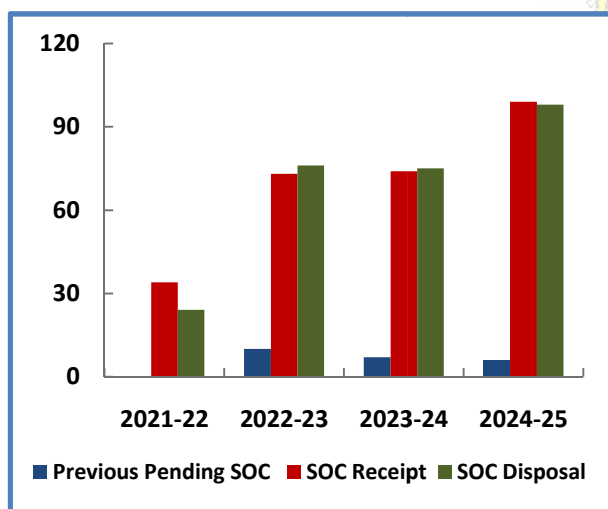


District Forensic Unit (DFU) Nurpur:

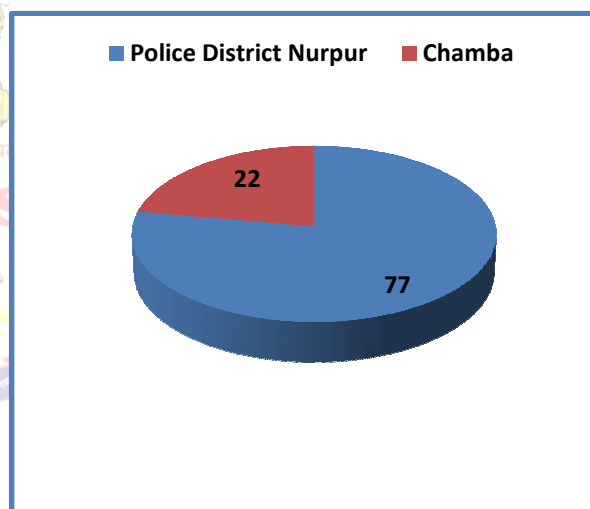
The new Govt. complex of District Forensic Unit, Nurpur, with covered area of 3000 Sq. ft. constructed by incurring expenditure of 1.92 crore, was inaugurated by the Hon'ble Chief Minister of Himachal Pradesh on 19.1.25. The office started functioning from the Mini Secretariat, Nurpur in 2018 and now moved to its own complex in 2025. The jurisdiction of DFU Nurpur for the scientific examination of the scene of crime examination is Police District Nurpur & District Chamba.



CRIME SCENE STATISTICS



DISTRICT WISE RECEIPT (2024-25)

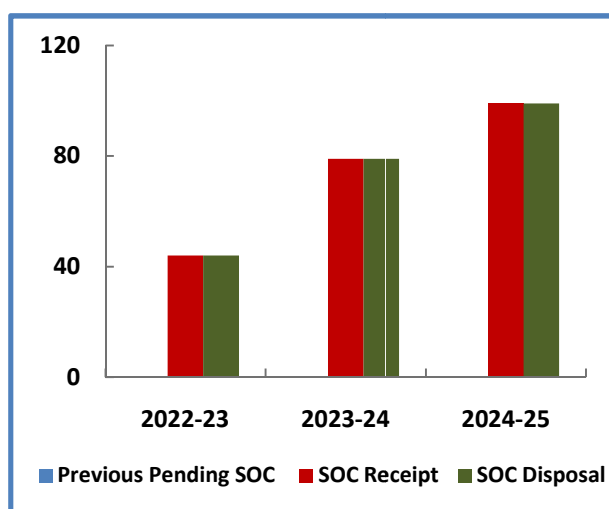


Fingerprint Proficiency Course at DFU, Nurpur

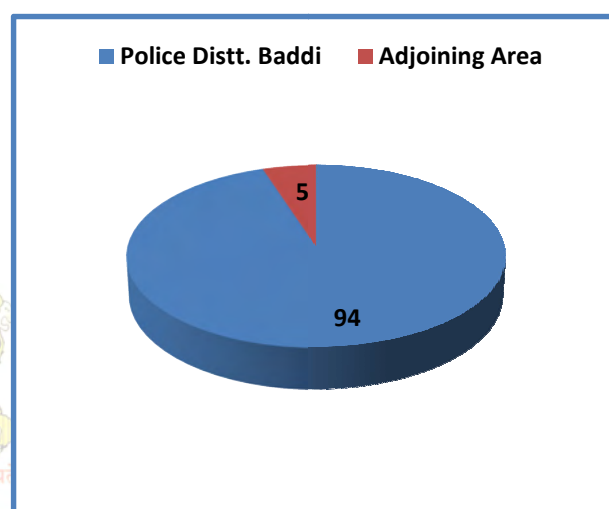
District Forensic Unit (DFU) Baddi:

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 and adjoining areas are examined by DFU, Baddi.

CRIME SCENE STATISTICS



DISTRICT WISE RECEIPT (2024-25)



TEACHING & TRAINING

Name & Designation	Number of lectures / demonstrations
Dr. Vijay Kumar, AD, DFU, Nurpur	16
Dr. Naresh Sharma, AD, DFU, Baddi	13
Total	29

TRAININGS ATTENDED

Name & Designation	Details of the Training
Dr. Vijay Kumar AD, DFU, Nurpur	Forensic Science Approaches in New Criminal Laws at National Forensic Science University, Delhi on 18-19.4.24
Dr. Naresh Sharma AD, DFU, Baddi, Sh. Hitesh Singh SA, DFU, Nurpur	Forensic Science Approaches in New Criminal Laws at National Forensic Science University, Delhi on 9-10.5.24

CONFERENCE/SEMINAR/WORKSHOP/SYMPOSIUM ATTENDED

Name & Designation	Activity
Dr. Vijay Kumar AD, DFU, Nurpur, Dr. Naresh Sharma, AD, DFU Baddi	• Scene of Crime Management and Report Writing at Directorate of Forensics Services, HP on 18-19.9.24 • AI in Forensics – A Future Roadmap to Criminal Investigation at Directorate of Forensics Services, HP on 18.3.25 (online mode) • Food Forensics at Directorate of Forensics Services, HP on 22.3.25(online mode)
Sh. Hitesh Singh SA, DFU, Nurpur	• AI in Forensics – A Future Roadmap to Criminal Investigation at Directorate of Forensics Services, HP on 18.3.25 (online mode) • Food Forensics at Directorate of Forensics Services, HP on 22.3.25(online mode)
Sh. Pradeep Kumar SA, DFU, Bilaspur	• AI in Forensics – A Future Roadmap to Criminal Investigation at Directorate of Forensics Services, HP on 18.3.25(online mode)

SEMINAR /WORKSHOP/ COURSES ORGANIZED

Course Details	Number of Participants
Fingerprint proficiency course at DFU Baddi w.e.f 1-15.7.24	11
Fingerprint proficiency course at DFU Nurpur w.e.f 1-16.8.24	16

COURT EVIDENCE

Name& Designation	Number
Dr. Vijay Kumar, AD, DFU, Nurpur,	07
Dr. Naresh Sharma, AD, DFU, Baddi	05
Total	12

PROFESSIONAL EXCELLENCE, MAJOR INITIATIVES AND ACHIEVEMENTS

PROFESSIONAL EXCELLENCE

Dr. Meenakshi Mahajan, Director Forensics

- The work of the Digital Forensics was not allowed to suffer in the absence of any reporting officer at RFSL, NR, Dharamshala and 214 cases were examined and reported, and expert testimony in 42 cases was deposited in the different Courts through video conferencing.
- The DNA Division of the State FSL was made to operate beyond office hours to identify the victims of the cloudburst at Samej village, and forensic reports were promptly provided to the investigating agencies.
- Invited and attended meeting at the Ministry of Electronics and Information Technology (MeitY), GoI, New Delhi to update the scheme of notifying the 'Examiner of Electronic Evidence' under section 79A of the IT Act 2000.
- To ensure quality & bring uniformity in forensic reports, and to reduce turn - around time, the meetings of the Scientific Working Group of different disciplines were convened, and an exercise was undertaken to prepare uniform working procedure manuals (WPM).
- First time, the Document & Photo Division of both State FSL and RFSL, NR, Dharamshala registered with the United Nations Office on Drugs and Crime (UNODC) for participation in the International Collaborative Exercise (ICE).
- 16th Annual Meeting and Symposium of the Asian Forensic Science Network (AFSN) at Bangkok, Thailand was attended and made oral presentation in the CSIWG scientific session and received appreciation. The Emerging trends, advance forensic methodology and global best practices will be implemented in Himachal forensics.
- Appreciation received from the Punjab & Haryana High Court for disseminating knowledge to trainee IOs of Punjab & Haryana Police.
- A workshop was conducted for the forensic experts and designed Standard Operation Procedure (SOP) to bring uniformity in the Scene of Crime reports issued from different forensic set-ups in the state.

- Professional contribution as Technical Assessor to conduct NABL Assessment of CFSLS, SFSLS and RFSLS across the country.
- Associated as an external expert in the selection process of different state Public Service Commission including Union Public Service Commission.
- Chairman and Judge for the Scientific Aids to Investigation competitions in the 53rd HP Police Duty Meet at PTC Daroh.
- Examiner for evaluation of Ph.D. Thesis and M.Sc. Forensic Science Dissertations in different universities.
- Delivered a lecture to District Judges and Addl. District Judges on 'Recent Advancement in Forensic Science', 'Role of Forensic Science in Effective and Speedy Adjudication', 'Cyber Crimes with specific emphasis on Women and Children', 'Methodology for Handling Crypto Currency related Cyber Crimes', 'Digital Evidence- An Overview' and handling of 'Digital Evidences: SOPs and Hands on Exposure' to the District and Addl. District & Sessions Judge at Judicial Academy, Shimla.
- Delivered a Guest lecture on 'Digital Forensics' at West Bengal National University of Judicial Sciences, Kolkata.
- Delivered an invited talk in the National Conference on Cyber Crime, Digital Forensics & Intelligence (NCCDFI) held at Kohima, Nagaland.
- Attended and delivered Guest Lecturer in International Conference on "Recent Development in Forensic Sciences" at Vivekananda Global University, Jaipur, Rajasthan.
- Published three research papers in the journals of international repute.

Sh. Kapil Sharma, Assistant Director (NDPS), State FSL

- Successfully participated in International Collaborative Exercise (ICE) programme under International Quality Assurance Programme of the United Nations Office on Drugs & Crime (UNODC), Vienna, Austria. Round: 2024/1.
- Rendered scientific assistance to the Hon'ble court of Justice Sandeep Sharma, Judge High Court of Himachal Pradesh in the case related to Narcotic Drugs on 2.8.2024.
- Appreciation from Hon'ble High Court of Punjab & Haryana for imparting training on Investigation of ND&PS cases to the Investigation Officers of Punjab & Haryana.

Dr. Sanjeev Kumar, Assistant Director (Phys. & Ball), Range FSL, CR

- SOC's visited on 7.5.24, 28.10.24, and 13.11.24; re-constructed and provided critical inputs in two controversial cases—PS Balh (FIR No. 73/24) and PS Sundernagar (FIR No. 259/24)—which significantly contributed to reaching a conclusive outcome.

Dr. Rakesh Soni, Assistant Director (Chem & Toxi), Range FSL, NR

- Forensics Excellence Award Best Forensics Officer for Quality Training for the year 2024

Sh. Ashish Maihla, SO (Digital Forensics), State FSL, HP

- Forensics Excellence Award Best Forensics Officer for outstanding contributions in Lab Work for the year 2024

Sh. Ajay Singh Rana, SA (Bio & Sero), State FSL, HP

- Forensics Excellence Award Best Forensics Officer for Crime Scene Management for the year 2024



Justice C. B Barowalia, Lokayukta , HP gave Forensic Excellence Award on Raising Day Celebrations, DFS HP

MAJOR INITIATIVES

- Proposal to strengthen forensics in the state under the Modernization of Forensic Capacity scheme to the tune of ₹1.65 crore was submitted to MHA, GoI and got approved.
- The Scientific Officers of the department got notified under section 329 of Bharatiya Nagrik Suraksha Sanhita as Scientific experts.
- For the first time, the proposal for creation of the post of Section Officer (HPF&AS) submitted and pursued at different levels.
- For the first time funds under Corporate Social Responsibility (CSR) amounting to Rs. 2.5 lakh for the tableau got approved. The tableau with the theme “Forensics for Society” (समेज त्रासादी: डी० एन० ए० से हुई अपनों की शिनाख्त) was displayed during the State Level Republic Day celebrations.
- The manpower engaged on outsource basis for sweeping works of State FSL and RFSL, NR, Dharamshala.
- Proposal to purchase Six number of Mobile Forensic Vans costing about 3.90 Crore received under MFSC Scheme was submitted to the State Govt. for approval.
- Proposal for creation of Digital Forensic Division at RFSL, NR, Dharamshala submitted to the State Govt.
- Proposal to create District Forensic Units in all the districts of Himachal Pradesh was prepared and submitted to the State Govt.
- Proposal for additionality under different budget heads to meet out the shortfall required for laboratory operations of different specialities was got approved.
- Proposal for creation of the post of Addl. Director was submitted to the State Govt.
- Proposal for hiring 18 number FACT and FACT Plus qualified manpower was submitted the State Govt.
- Proposal of Cadre Review was submitted to the State Govt.
- Proposal for strengthening of NDPS Division to implement new NDPS rules was submitted to the State Govt.
- A proposal was submitted to the Government seeking an early hearing of the case titled Navjot Kaur Kanwal vs. State of Himachal Pradesh & Ors. (CWPOA No. 4854/2019).
- Proposal for filling up of various categories of posts was submitted to the State Govt. and in respect of ministerial staff taken up with the DGP, HP.
- The scientific posts of different categories which were lying vacant in the department were pursued at different levels with the authorities.
- The progress of all ongoing construction works of DFS, HP was reviewed and targets were fixed for their completion.
- The work of the preparation of guidelines for collection of forensic evidence initiated.

ACHIEVEMENTS

- 9th Meeting of HP Forensic Science Development Board chaired by the Hon'ble Chief Minister, Himachal Pradesh was organized on 20.8.2024 after a decade. The second Five Year Perspective Plan 2024-2029 for the development of Department was got approved.
- The official complex of District Forensic Unit Nurpur and new DNA Block at RFSL, CR, Mandi inaugurated by the Hon'ble Chief Minister Himachal Pradesh after making necessary arrangements.
- Successfully implemented NDPS Rules, 2022 for Seizure, Storage, Sampling and Disposal of the NDPS substances.
- All the forensics labs viz. State FSL Junga and State Finger Print Bureau (for the first time) and RFSL, CR, Mandi got NABL accredited as per ISO/IEC 17025:2017.
- The 37th Raising Day of the Directorate of Forensic Services was celebrated. Sh. Bharat Bhushan Barowalia, Hon'ble Lokayukta, Himachal Pradesh was the Chief Guest on the occasion and delivered talk on Expert Testimony. The awards as a measure of motivation and special recognition conferred to forensic experts for their outstanding performance during the year in the field of Crime Scene Management, Quality Training and Lab Analysis works.
- The United Nations Office on Drugs and Crime (UNODC) has appreciated the successful participation of the NDPS Division in the International Collaborating Exercise (ICE) programme for four years consecutively, which is testimony about quality of service being delivered.
- The two posts of Group-A i.e. Assistant Director (02) and two posts of Group-B i.e. Scientific Officer (02); four posts of Group-C i.e. Laboratory Assistant (01), Junior Office Assistant (IT) (02) and 01 post of Driver; and three posts of Group-D on daily wages, were got filled through Himachal HPPSC, Shimla, HPRCA, Hamirpur, Police Department and through Employment Exchange.
- The services of Class-III employees were regularized.
- The Annual Administrative Report for the period 2023-2024 was prepared, finalized and got approved by the State Govt. and laid in the budget session of HP Vidhan Sabha.

GLIMPSES



Hon'ble Chief Minister, HP at DFU, Nurpur



Hon'ble Chief Minister, HP planting Sapling of Rudraksh



Justice C. B Barowalia, Lokayukta, HP at DFS, HP



High Level Committee from Punjab Haryana at DFS, HP



A visit of NABL Assessors at Range FSL, CR



A visit of NABL Assessors at State FSL, HP



Trainee Officers, FSL Haryana on Forensic Psychology



Dy. Director, MHA, GoI inspecting Digital Forensics Lab



Trainee Judicial Officers at DFS HP



A visit of Addl. Chief Secretary (Home) to RFSL, NR



Workshop on DNA Profiling for Medical Officers



A view of Trainee Jail Wardens at Range FSL, NR



A group photograph of the Experts of SWG Biological Sciences



Workshop on Food Forensics at DFS, HP



DFS, HP with Officers & Officials at RFSL, CR, Mandi



Winners of the Poster Competition at DFS, HP

FORENSICS IN MEDIA

छह जिलों में बनेंगे फोरेंसिक यूनिट

मुख्यमंत्री सुखू का हमीरपुर, ऊना, सिरमौर, कुल्लू, किन्नौर, लाहलु के लिए ऐलान



उन्होंने कहा कि अगला स्तर से जो नए यूनिट्स किए जाते हैं, उनको विधानसभा एवं सदन के माध्यम से स्वीकृत करवाया जाएगा। अगामी वर्ष के लिए फोरेंसिक यूनिट को बनाने के लिए हर संभव मदद करनी होगा। अगामी वर्ष के लिए फोरेंसिक यूनिट को बनाने के लिए हर संभव मदद करनी होगा।

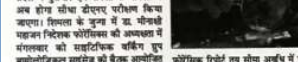


आरएफएसएल धर्मशाला का दौरा किया
धर्मशाला। हिमाचल प्रदेश पुलिस प्रशिक्षण महाविद्यालय डोहरा प्रशिक्षण प्राप्त कर रहे 88 नवनिर्वाचित कोर्ट बॉडी के सदस्यों को फोरेंसिक विज्ञान प्रयोगशाला भ्रमण का दौरा किया। इस अवसर पर आरएफएसएल प्रयोगशाला के निदेशक डॉ. पी.एस. शर्मा ने कोर्ट बॉडी के सदस्यों को फोरेंसिक विज्ञान के महत्व और उपयोग के बारे में जानकारी दी।

Inauguration of DNA Block at RFSI, CR
The Chief Minister, Punjab, inaugurated the DNA Block at the RFSI, CR, on 12th March 2025. The block is a state-of-the-art facility for DNA profiling and forensic toxicology. It is the first of its kind in Punjab and will be a major asset for the state's forensic services.

पोक्सो के मामलों में अब सीधा होगा डीएनए टेस्ट

जघन्य अपराधों में फोरेंसिक रिपोर्ट की सीमा निर्धारित करने की तैयारी



कोर्ट बॉडी के सदस्यों ने इस अवसर पर फोरेंसिक विज्ञान के महत्व और उपयोग के बारे में जानकारी दी।

Forensic Services holds workshop to boost medical officers' expertise

12 March, 2025. Director of Forensic Services, Himachal Pradesh, Shimla Hills, Junga



315 out of 2,072 fingerprints of repeat offenders: Expert
A study of 218 fingerprints identified 315 out of 2,072 fingerprints of repeat offenders. This study was conducted by the Directorate of Forensic Services, Himachal Pradesh, Shimla Hills, Junga.



'Integrate AI techniques for crime investigation'
The Department of Forensic Services said the programme provided insights into AI applications in forensic science and crime investigation.

सीएम ने भरी झोली...नूरपुर में आएका निखार

दोरे के दौरान सुखविंदर सिंह सुखू ने विधानसभा क्षेत्र में सात परियोजनाओं के उद्घाटन-शिलान्यास कर दी सीमांत



पंजाब एवं हरियाणा की समिति ने किया एसएफएसएल का दौरा

राज्य रिपोर्टर-शिमला। सीएम ने नूरपुर में आएका निखार के दौरान सुखविंदर सिंह सुखू ने विधानसभा क्षेत्र में सात परियोजनाओं के उद्घाटन-शिलान्यास कर दी सीमांत

फोरेंसिक उत्कृष्टता पुरस्कार से सम्मानित किए कर्मी

फोरेंसिक सेवा निदेशालय हिमाचल प्रदेश के 36वें स्थापना दिवस पर किया सम्मानित, प्रतियोगिताएं भी हुईं



खाद्य सामग्री में मिलावट का पता लगाने को स्थापित होगी फोरेंसिक इकाई

शिमला, 22 अगस्त (प.स.): हिमाचल प्रदेश में खाद्य सामग्री में मिलावट का पता लगाने को स्थापित होगी फोरेंसिक इकाई

जांच में वैज्ञानिक तरीकों का उपयोग जरूरी

फोरेंसिक निदेशालय जुन्ना में विशेषज्ञों ने साझा किए विचार



फोरेंसिक का अब क्राइम सीन पर जाना जरूरी

ग्रीन मामलों में भारतीय नागरिक सुरक्षा संहिता से प्रावधान लागू



चम्बा एक्सप्रेस

हिमाचल। फोरेंसिक सेवाएं जुन्ना व पंजाबी यूनिवर्सिटी, पटियाला के मध्य हुआ एमओयू साइन

WHO WROTE WHAT

14/12/24	Dr. Manoj Kumar Tiwari Additional Chief Secretary Govt. of Haryana, India	941923101	Visited SFU R.P. 9 hours found the organization very updated and well managed. The purpose was to get inputs on various issues on a best practice for shaping state while understanding SFU Haryana. I was impressed with the knowledge of present Director and the conduct of entire staff while interacting. I wish all my gratitude and thanks for support.	15/12/24	Dr. C. B. Bhatnagar, Deputy Principal, Punjab	9498-4088	15/12/24	Very well maintained and into Prising day function was organized regarding I wish that the results of the analysis become a guideline for all the future units of the country. I wish all the best to the Haryana Government, Haryana govt. staff. Nisha 15/12/24
24/12/24	Dr. Shweta Sharma, IAS ACS (Home, Govt. TSWNTB) Govt. of Haryana	9498-4088	Visited the Punjab of Haryana R.P. 10/12/24 Today and interact with SFU & other scholars. This SFU is best looking up with latest technology in making many computer cases & with full the staff members and SFU good luck in their evolution.	15/12/24	Dr. Nishant S. Arora, IAS Principal Secretary, Haryana Govt. of Punjab	9498-4088	15/12/24	I am thoroughly impressed with the staff of the Haryana R.P. 10/12/24 The advanced technology and computerized equipment from one library is remarkable. It is clear that great skill of thought and intellect has gone into creating a top class library environment for research and education of the staff and students. I am confident that the Haryana will play a major role in advancing research, innovation and ensuring justice for all Haryana R.P. 10/12/24
14/12/24	V. Narayan, IAS ACS (Home, Govt. TSWNTB) Govt. of Haryana	941923101	Visited the best library of Haryana Govt. Govt. of Haryana. I have started to see the equipment, computerized equipment and highly skilled staff and students. The building is very clean and modern. Quality of work is being followed meticulously. An example for other Govt. libraries in Haryana. I am confident. My best wishes to the Director and the staff. Thank you for the hospitality of Haryana Govt.	15/12/24	Dr. Sandeep Chandra Chairman, Dept. of Chemistry H.P. University, Shimla along with four faculty members including Dr. Kumar Kumar, Dr. Nisha Sharma, Dr. Suresh Kumar J. Dr. Prashant Thakur and 50 students of M.Sc. Chemistry, 3 rd Sem.	9498-4088	15/12/24	We visited the laboratory on 15/12/24 in order to give exposure to the students of Chemistry Department. The laboratory (all sections) are very well maintained and all our students have learned a lot from the demonstrations on various instruments. We are extremely thankful to Dr. Nisha Sharma for giving us this privilege from the Haryana Govt. all the staff members of SFU Jalgaon including Mr. Arjun Singh, Sh. M. Patel, Mr. Bhat, and all other staff members who assisted us during our visit.
24/12/24	Dr. Ramesh Yadav H.O. (General Science) H.R. Mangalagiri University, Mangalagiri	9498-4088	We visited here with our BSc students for lab visit. The staff of Centre was very cooperative. During all the sessions we were under the guidance of Dr. Ramesh Sharma. She guided the students very well and all the scientific staff shared their valuable knowledge & experience. We are very happy for this opportunity provided by Director, Haryana. She is always welcome students for lab visit & interact and share in sharing knowledge with the students. I thank the Director for this.	15/12/24	Dr. (a) Manoj Kumar Tiwari H.O. of R.G. Dept. of Agri. Punjab R.G. P.G. Agri. College, Ludhiana Punjab (Haryana)	9498-4088	15/12/24	Dr. (a) Manoj Kumar Tiwari H.O. of R.G. Dept. of Agri. Punjab R.G. P.G. Agri. College, Ludhiana Punjab (Haryana) We visited R.P. on 15/12/24 We have learned a lot from Haryana Govt. staff. We are very grateful to visit R.P. We were even discussed few cases and our transportation. So even all is well in coming to visit here. And we will keep our foot here for further upcoming years.

BUDGET ALLOCATIONS 2024-25

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 Dharamshala	RFSL Mandi
1.	2.	3.	5.	4.
01-Salary	₹ 8,06,45,000	₹ 4,87,99,000	₹ 1,29,22,500	₹ 1,89,23,200
02-Wages	₹ 13,69,600	₹ 10,87,200	₹ 2,73,200	₹ Nil
03-Travel Expenses	₹ 4,00,000	₹ 3,08,400	₹ 41,500	₹ 49,500
05-Office Expenses	₹ 22,40,000	₹ 11,00,000	₹ 6,20,000	₹ 5,20,000
06-Medical Reimb.	₹ 4,00,000	₹ 2,38,700	₹ 70,600	₹ 89,000
09-Advertisement & Publicity	₹ 2,50,000	₹ 2,50,000	₹ Nil	₹ Nil
10-Hospitality & Entertainment	₹ 20,000	₹ 18,000	₹ 2,000	₹ Nil
12-Professional & Special Services	₹ 63,000	₹ Nil	₹ Nil	₹ Nil
15-Training	₹ 42,000	₹ 38,200	₹ 3,800	₹ Nil
20-Other Charges	₹ 10,00,000	₹ 5,65,600	₹ 1,48,700	₹ 2,37,000
21-Maintenance	₹ 27,00,000	₹ 25,61,700	₹ 1,10,000	₹ 28,200
30-Motor Vehicle	₹ 6,50,000	₹ 4,08,000	₹ 1,12,000	₹ 1,29,700
33-Material & Supply	₹ 1,19,48,000	₹ 1,17,21,700	₹ 1,26,300	₹ 1,00,000
64-Transfer Expenses	₹ 6,000	₹ Nil	₹ 5,100	₹ Nil
65-ReOutsourcing	₹ 8,50,000	₹ 5,32,000	₹ 62,000	₹ 2,52,000
Total	₹ 10,25,83,600	₹ 6,76,28,500	₹ 1,44,97,700	₹ 2,03,28,600

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 Dharamshala	RFSL Mandi
1.	2.	3.	5.	4.
21-Maintenance	₹ 5,25,000	₹ 2,41,600	₹ Nil	₹ 2,83,000
Total	₹ 5,25,000	₹ 2,41,600	₹ Nil	₹ 2,83,000

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 Dharamshala	RFSL Mandi
1.	2.	3.	5.	4.
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 Dharamshala	RFSL Mandi
1.	2.	3.	5.	4.
31-Machinery & Equipment	₹ 69,29,000	₹ 69,29,000	₹ Nil	₹ Nil
37-Major Works	₹ 42,25,000	₹ 37,31,500	₹ Nil	₹ Nil
Total	₹ 1,11,54,000	₹ 1,06,60,500	₹ 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 Dharamshala	RFSL Mandi
1.	2.	3.	5.	4.
31-Machinery & Equipment	₹ 10,00,000	₹ 10,00,000	₹ Nil	₹ Nil
37-Major Works	₹ 1,00,000	₹ Nil	₹ Nil	₹ Nil
Total	₹ 11,00,000	₹ 10,00,000	₹ 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 Dharamshala	RFSL Mandi
1.	2.	3.	5.	4.
06-Medical Reimb.	₹ 56,000	₹ 56,000	₹ Nil	₹ Nil
Total	₹ 56,000	₹ 56,000	₹ Nil	₹ Nil

7. State Disaster Response Fund (SDRF) (Govt. of H.P.)

Object Code/SOE	Sanctioned Budget	DFS, HP
1.	2.	3.
Material & Supply	₹ 39,20,000	₹ 39,20,000
Total	₹ 39,20,000	₹ 39,20,000

8. Modernization of Forensics Capacities (MHA, Govt. of India)

Object Code/SOE	Sanctioned Budget	DFS, HP
1.	2.	3.
Machinery & Equipment	₹ 1,65,00,000	₹ 1,65,00,000
Purchase of 06 Mobile Forensic Vans	₹ 3,90,00,000	₹ 3,90,00,000
Total	₹ 5,55,00,000	₹ 5,55,00,000

REVENUE RECEIPT

Sr. No.	Particulars	Amount Received			Total
		State FSL	RFSL, NR	RFSL, CR	
1.	Internship Training Fee	₹ 8,57,100	₹ 3,85,600	₹ 76,500	₹ 13,19,200
2.	Case Examination Fee	₹ 91,500	₹ 34, 000	₹2,000	₹ 1,27,500
	Total	₹ 9,48,600	₹ 4,19,600	₹ 78,500	₹ 14,46, 700



A visit of Faculty & Students from Indian Institute of Legal Studies at DFS, HP

CASE STATISTICS (2024-25)

STATE FORENSIC SCIENCE LABORATORY

Name of Division	Pending cases (1.4.24) (A)	Received cases (B)	Total (C=A+B)	Examined cases (31.3.25) (D)	Pending cases (31.3.25) (E=C-D)
Biology & Serology	23	349	372	360	12
Chemistry & Toxicology	216	2401	2617	2381	236
Physics & Ballistics	28	370	398	378	20
Documents and Photography	128	91	219	122	97
NDPS	73	1881	1954	1933	21
DNA	123	378	501	470	31
Digital Forensics	553	344	897	455	442
Voice Analysis	82	197	279	223	56
Forensic Psychology	02	18	20	18	02
Total	1228	6029	7257	6340	917

REGIONAL FORENSIC SCIENCE LABORATORY, NR, DHARAMSHALA

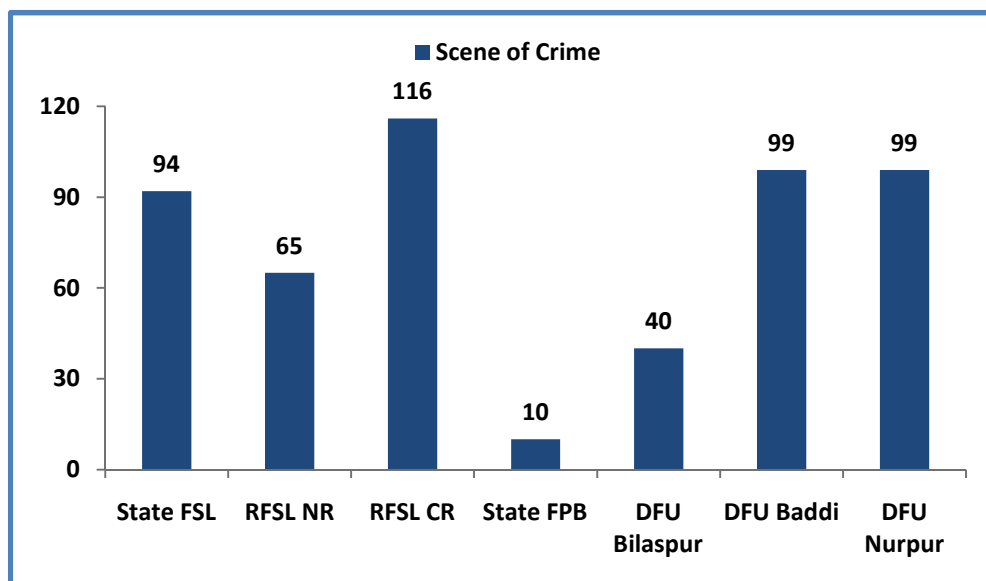
Name of Division	Pending cases (1.4.24) (A)	Received cases (B)	Total (C=A+B)	Examined cases (31.3.25) (D)	Pending cases (31.3.25) (E=C-D)
Biology & Serology	41	472	513	488	25
Chemistry & Toxicology	201	1872	2073	1872	201
Documents & Photography	84	88	172	85	87
Digital Forensics	161	228	389	230	159
DNA	75	277	352	299	53
Total	562	2937	3499	2974	525

REGIONAL FORENSIC SCIENCE LABORATORY, CR, MANDI

Name (Division)	Pending cases (1.4.24) (A)	Received cases (B)	Total (C=A+B)	Examined cases (31.3.25) (D)	Pending cases (1.4.25) (E=C-D)
Biology & Serology	65	347	412	390	22
Chemistry & Toxicology	140	2242	2382	2180	202
Physics & Ballistics	32	336	368	341	27
Voice Analysis	7	52	59	54	5
DNA Unit	40	262	302	252	50
Total	284	3239	3523	3217	306

STATE FINGER PRINT BUREAU

Name of Division	Pending cases (1.4.24) (A)	Received cases (B)	Total (C=A+B)	Examined cases (31.3.25) (D)	Pending cases (31.3.25) (E=C-D)
Record & Search Section	0	8356	8356	8356	0
Document Section	0	31	31	31	0
Total	0	8387	8387	8387	0

CRIME SCENE STATISTICS
 (2024-25)


FUTURE VISION

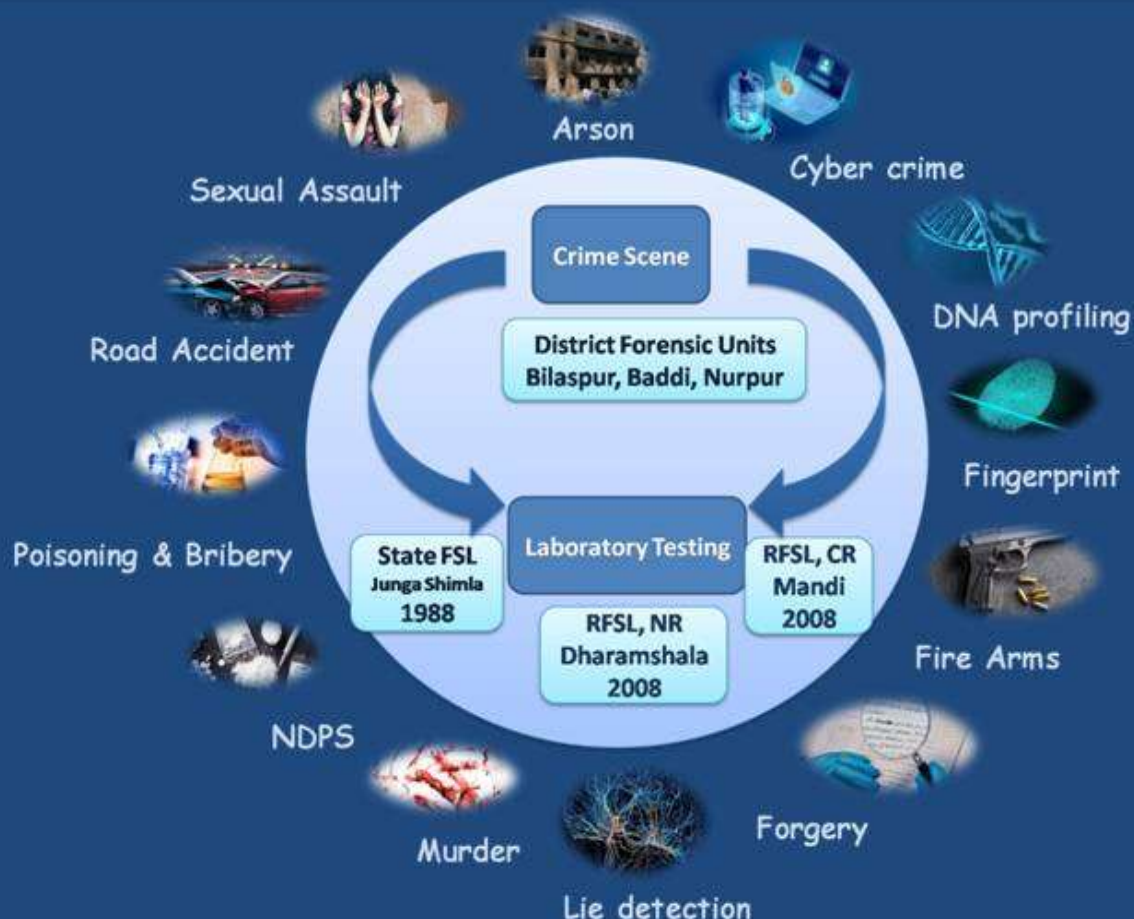
- ◆ Forensic Excellence Award
- ◆ District Forensic Units
- ◆ Digital Forensic Division at RFSL, NR
- ◆ Cadre Review



“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 view of the Newly Inaugurated Complex of DFU, Nurpur



A view of Complex of RFSL, NR, Dharamshala



A view of Complex of RFSL, CR, Mandi