

DIGNITARY

Visitor(s)	Date
Sh. Virender Singh, Member Secretary, State Legal Service Authority, Shimla	10.04.14
Sh. Maneesh Garg, IAS, Secretary (Home), Govt. of H. P.	20.09.14
Dr. Nisha Sharma & Sh. Lal Chand Chauhan, Lecturers GSSS, Junga	18.11.14
Dr, Manavpreet Kaur & Dr. Deepak Rai Batra, Assistant Professors, Kurukshetra University, Kurukshetra, Haryana	25.11.14
Dr. Ankur Sharma, SH & FWTC, Parimahal, Shimla	08.01.15
Sh. Vijay Panwar, Dy. Controller (F&A) with trainee officers from HIPA, Shimla	25.02.15
Sh. Sanjay Kumar, IPS, DGP, Himachal Pradesh	18.03.15
Sh. Suneel Kumar, IPS, Commandant 1st Bn. Junga	18.03.15



Sh. Maneesh Garg, IAS, Secretary (Home) at Forensics Head Quarters

RFSL, NR, DHARAMSHALA

Dharamshala became head quarters of District Kangra in 1855 and is located in the shadow of Dhauladhar mountains. The area known as Dharamshala was annexed by the British in the year 1848 and is currently known as the winter capital of the state. The area was ruled by the Katoch dynasty of Kangra said to be the oldest surviving 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 the setting up of Regional Forensic Science Laboratory, Northern Range, Dharamshala 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. Now, the RFSL has moved to its own new complex in 2012. The complex has covered floor area of about 10,000 square feet. The RFSL Dharamshala is catering to the needs of three districts viz. Kangra, Chamba and Una. The forensic experts at RFSL, NR Dharamshala are rendering services in the field of scene of crime examination and providing regular faculty to the Police Training College, Daroh. The RFSL is on the mailing list of RCMP journal (Canada) and FBI bulletin (USA). The institution has the honour of its forensic experts presenting the research work at International forum - Seoul (Korea) in 2014. The experts of RFSL Dharamshala had earned appreciation for the quality lab analysis and services in a case of french nationals.

The institution has been in the forefront in introducing novelty and has taken lead on many fronts. On 03.03.2013 a Pilot Project “One-District, One-Police Station” (ODPS), first of its kind in the country, has been launched by the Hon'ble Chief Minister, Himachal Pradesh, Sh. Virbhadra Singh during Silver Jubilee Year of the State FSL and was now extended up to March, 2015. Sometimes, the available techniques are not delivering good results that necessitate the use of new technology. Forensic XP-4010D, second in the country, was acquired under Modernization of Police Forces Scheme, GOI and have multiple features. The equipment was dedicated to the state by Hon'ble Chief Minister in 2013. The instrument proved a boon to the organization as it helped in solving many mysteries of crime.

WORKING

There are three divisions:

Biological Sciences (Biology & Serology Division)

Chemical Sciences (Chemistry & Toxicology Division)

Physical Sciences (Document & Photography Division)

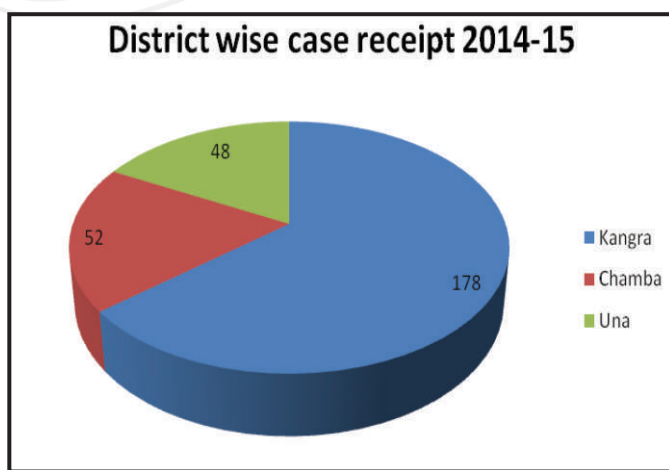
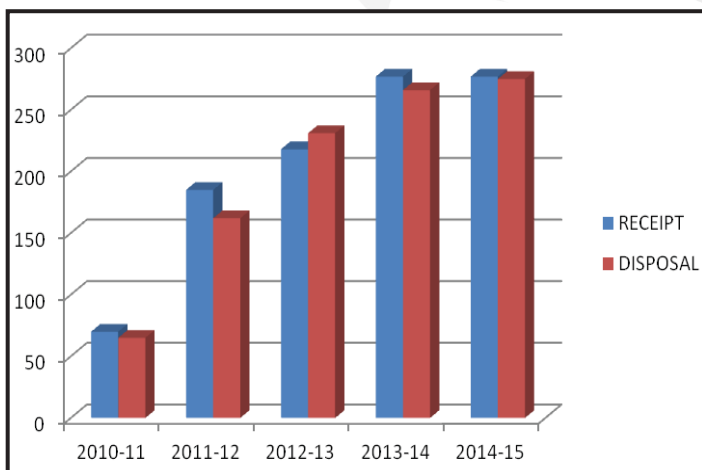
BIOLOGY & SEROLOGY DIVISION

This division has been functioning since 2008. The scientific posts were filled up in 2010. The division undertakes examination of the following types of evidentiary clues in different crime cases for identification and comparison:

- Blood, semen and saliva
- Vomit and faecal matter
- Bone (animal and human)
- Wildlife cases (flora and fauna)
- Maggot
- Diatom
- Charred bone, tissue and skin
- Hair (animal & human), fibre, feather
- Wood and plant products



CASE STATISTICS



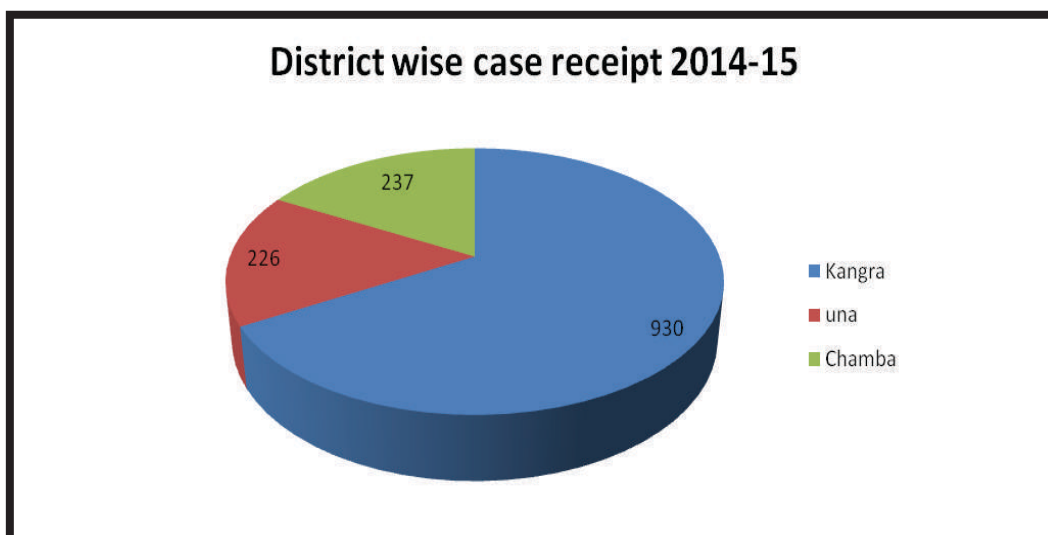
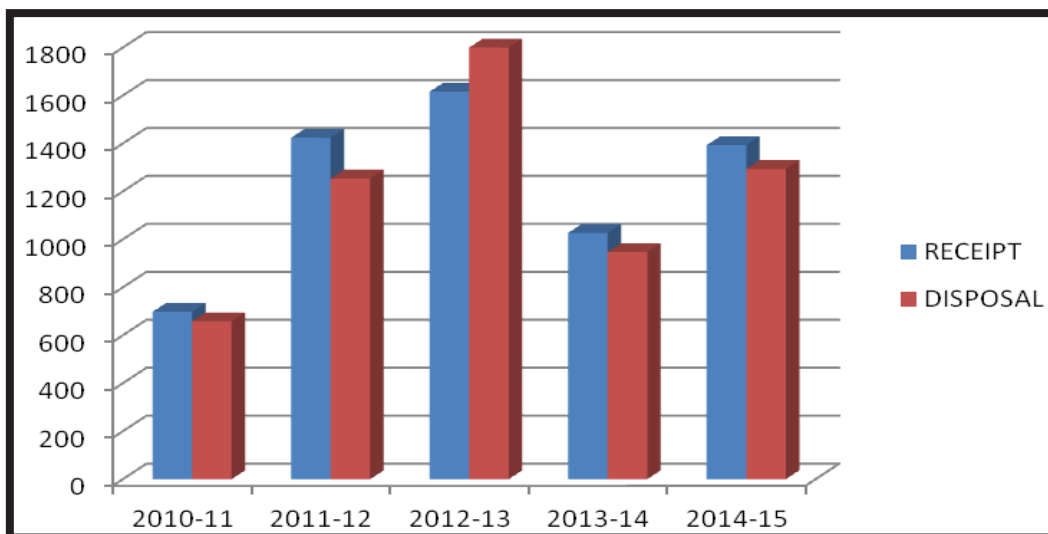
CHEMISTRY & TOXICOLOGY DIVISION

The division undertakes examination of clue materials such as:

- Poison
- Petroleum product residue in arson & dowry death
- Alcohol estimation from blood and urine for drunkenness
- Phenolphthalein in trap cases
- Liquor
- Methanol in hooch tragedy
- Acid & alkali attacks
- Grease, wax, oil & resin
- Cosmetic & organic dye
- Adulteration in petroleum products
- Chemical identification of unknown substances



CASE STATISTICS

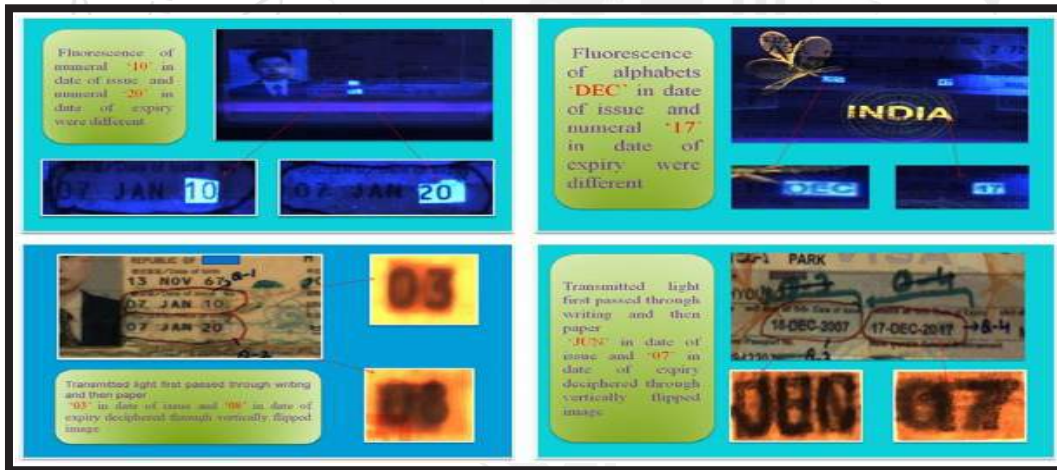


DOCUMENT & PHOTOGRAPHY DIVISION

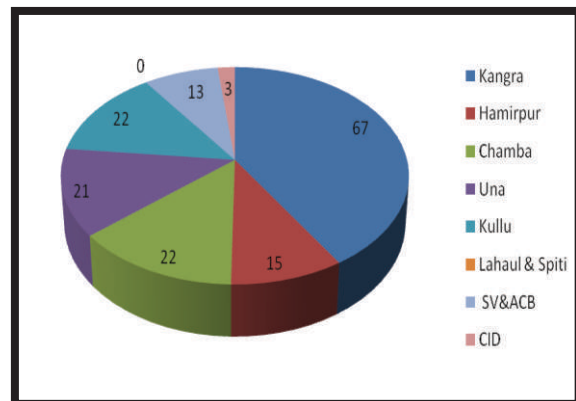
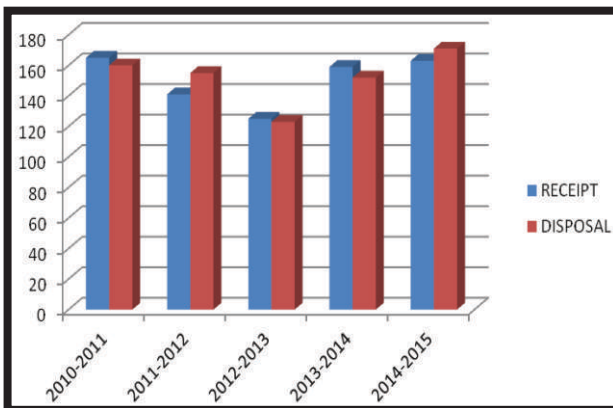
The Document and photography Division was established in July, 2008. The crime cases pertaining to Forensic Documents from Districts Kangra, Chamba, Una, Hamirpur, Kullu, Lahaul Spiti, SV&ACB of Northern Range, CID Unit Northern Range, besides cases from Judiciary are undertaken for examination. Forensic Document is the systematic and scientific study of holomastic and onomastic documents. This division provide solutions in:

- Fraud & forgery
- Handwriting, signature, typewriting, computer printout
- Stamp & seal
- Burnt & soiled document
- Counterfeit currency
- Genuineness of security documents viz. Passport, stamp paper, credit card, debit card and other financial document
- Evaluation of erasure, obliteration, alteration, indentation etc.
- Paper and ink analysis
- Preservation of hard disk, memory card, pen drive, compact disc, digital video recorder, mobile phone.
- Scene of crime photography and laboratory photography

EXAMINATION OF SUSPECTED VISA AND PASSPORT



CASE STATISTICS



EXHIBITION ORGANIZED

Public awareness program is an inter-face between the govt. and the people. Public belief in crime investigation based on clues that tell tales and speak language, which is deciphered by the experts, was showcased in the exhibitions organised in pursuance to request from district administration and police department.

“Forensics-in-Action” at Dharamshala on 20-22.06.14 & 19-20. 10., 2014 and Chamba on 27.07.14 to 04.08.14.

- *Exhibition in Kangra Valley Summer Festival 2014 was organized in the police ground Dharamshala on the request of district administration.*
- *Exhibition in Minjar fair 2014 was organized at Chamba on the request of district administration.*
- *Exhibition in Distt. Red Cross Fair Kangra at Dharamshala.*



TEACHING & TRAINING

Name & Designation	No. lectures / demonstrations
Dr. Meenakshi Mahajan, Asstt. Director and Dy. Director	56
Dr. Surender Kumar Pal, Assistant Director	24
Sh. Chaman Lal Sharma, Scientific Officer	20
Sh. Ajay Sehgal, Scientific Officer	22
Sh. Mam Raj Sharma, Scientific Officer	35
Sh. Rajat Chaudhary, Scientific Assistant	04
Sh. Upender, Laboratory Assistant	09
Smt. Poonam Sharma, Laboratory Assistant	04

TRAINING ATTENDED

Name	Course
Dr. Meenakshi Mahajan	<ul style="list-style-type: none"> • Digital Evidence at LNJN, New Delhi on 28.04- 02.05.14 • SEVOTTAM at HIPA, Shimla on 22- 24.05.14. • Importance of Ethics and Values at HIPA on 26-28.02.15.
Dr. Surender Kumar Pal	<ul style="list-style-type: none"> • Importance of Ethics and Values at HIPA on 26-28.02.15.
Sh. Ajay Sehgal	<ul style="list-style-type: none"> • Expert Testimony in Criminal Trials at LNJN, NICFS, New Delhi on 26-31.05.14.

LNJN National Institute of Criminology and Forensic Science
4th Course on Expert Testimony in Criminal Trail
 (26th - 31th May, 2014)



COURSE ORGANIZED

In pursuance to Himachal Pradesh Police Act, 2007 & to enhance professionalism in crime investigation amongst Investigating Officers of the Northern Range, the Police Head Quarters allotted two training courses of two weeks duration. The trainees were delivered theory lectures and imparted practical trainings. On completion of training, the trainees appeared in a written test and the result was communicated to the Police Headquarters.

Course	Number
• Two Week Training in Forensic Science for the Investigating Officers of Northern Range on 02-12.06.14.	21
• Two Week Training in Forensic Science for the Investigating Officers of Northern Range on 19-31.01.15.	25
• Orientation to Forensic Science for the Officers of Prosecution, NR, & CR on 28-29.03.15	14
Total	60



INTERNSHIP

Title	Number
<ul style="list-style-type: none"> Students of Institute of Forensic Science, Department of Forensic Science, SHIATS, Allahabad on 03- 23.06.14. 	09
<ul style="list-style-type: none"> Students of PG Diploma, Forensic Science, Khalsa College, Delhi University on 27-31.10.14. 	18
<ul style="list-style-type: none"> Students of Ayurvedic College, Paprola on 08.12.14. 	35
<ul style="list-style-type: none"> Dy.SP (Prob.) on 26.12.14 	01
<ul style="list-style-type: none"> Students of Institute of Forensic Science, Panjab University, Chandigarh on 21.03.15. 	40
Total	103



Demonstration to students about lab working



M.Sc. Forensic Science students from PU, Chandigarh

CONFERENCE/SEMINAR/WORKSHOP/SYMPOSIUM ATTENDED

Name	Remarks
Dr. Meenakshi Mahajan	<ul style="list-style-type: none"> • National seminar on Social Media & Cyber Security on 11-12.4.14 at SHIATS Allahabad. • 20th World level Conference of International Association of Forensic Science at Seoul, South Korea on 14.10.14 to 16.10.14.
Dr. Surender Kumar Pal	<ul style="list-style-type: none"> • 23rd All India Forensic Science conference at Bhopal on 23-24.03.15.
Sh. Mam Raj Sharma	<ul style="list-style-type: none"> • Workshop on RTI HIPA, Dharamshala on 24.12.14. • International Conference on Questioned Document Examination at Department of Forensic Science, Punjabi University Patiala on 10-12.01.15.



CONFERENCE/SEMINAR/WORKSHOP/SYMPOSIUM ORGANIZED

One day seminar on 'New Interventions in Crime Investigation' was organized for forensic experts, police, prosecution and medical officers at Dharamshala on 1st Feb., 2015. The seminar was inaugurated by Dr B.R. Sharma, Director (Retd) CFSL, MHA/GOI. Sh. Sohan Lal Sharma, Distt. and Sessions Judge, Kangra at Dharamshala presided over the valedictory function. Sh G.D. Bhargava, IPS, IGP, NR was the guest of honour.



SESSION CHAIRED/RADIO TALK/TV TALK

Name & Designation	Activity
Dr. Meenakshi Mahajan, Asstt. Director	<ul style="list-style-type: none"> Chaired Session in the National Seminar on Cyber Security at Allahabad on 11-12.04.14.
Dr. Surender Kumar Pal Asstt. Director	<ul style="list-style-type: none"> Delivered Radio talk at All India Radio, Dharamshala regarding importance of Forensics and Forensic Exhibition on 20.10.14.

DIGNITARY

Visitor(s)	Date
Sh. JK Semwal, Consultant, NICFS, MHA / GOI, Delhi	19.05.14
Dr. AK Basu, Co-ordinator, CFSL, MHA / GOI, Pune	12.06.14
Dr. Kanudeep Kaur, Assistant Professor, SGTB, Khalsa College, University of Delhi	31.10.14
Dr. Jaram Singh, HOD, Agad Tantra, RG, Govt PG Ayurvedic College, Paprola, Distt Kangra	08.12.14
Dr. BR Sharma, Director (Retd), CFSL,MHA, GOI, Chandigarh	01.02.15
Sh Sohan Lal Sharma, Distt. and Sessions Judge, Kangra at Dharamshala	01.02.15
Sh GD Bhargva, IGP, NR, Dharamshala	01.02.15
Prof. (Dr.) Mandeep Sharma, HOD, Department of Veterinary Sciences, CSKV, Palampur	01.02.15
Prof. (Dr.) DC Sharma, HOD, Department of Entomology, CSKV, Palampur	01.02.15
Dr. Arvind Kumar Bhatt, Department of Biotechnology, HPU, Shimla	02.02.15
Sh. B.S. Pathania, Director Prosecution (Retd.), Himachal Pradesh.	28.03.15



Guest Faculty (Sh. GD Bhargva, Dr. BR Sharma, Sh. SL Sharma & Dr. Arun Sharma) at RFSL



Sh. BS Pathania, Director Prosecution (Retd.) at RFSL

RFSL, CR, MANDI

INTRODUCTION

Mandi formerly known as Mandav Nagar which remained capital of erstwhile princely state of Mandi is situated on the bank of river Beas. Mandi town is the head-quarter of Mandi district and Zonal Head Quarter of Central Zone. There are more than 300 old and new temples at Mandi and Manali is also known as “Chotti Kashi”.

In the first meeting of the Himachal Pradesh Forensic Science Development Board, the Government created Regional Forensic Science Laboratory, Central Range, Mandi to cover central range districts for quick and timely availability of the scientific reports in crime investigations. Initially in the year 2008 the RFSL, CR Mandi was temporarily housed in a rented accommodation at Gutkar at NH-21. The RFSL moved to its own new complex in March, 2013. The complex has an area of about 10,000 square feet and constructed as per passive solar principles. The RFSL Mandi is catering to the needs of five districts viz. Mandi, Kullu, Lahaul & Spiti, Bilaspur, Hamirpur. There are three specialties viz. Biological Sciences, Physical Sciences and Chemical Sciences.

Push SMS service has been introduced in the laboratory to expedite working. *e-granthalya* software for the management of libraries is being introduced.

WORKING

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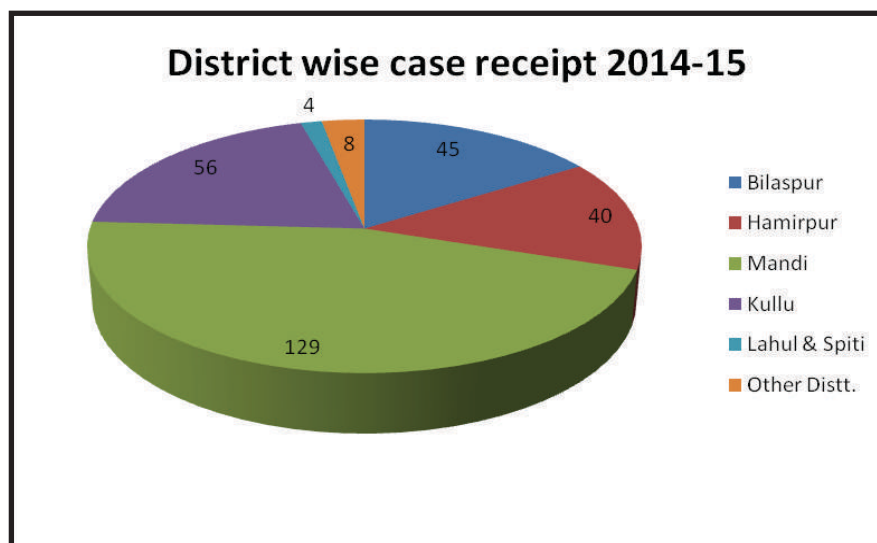
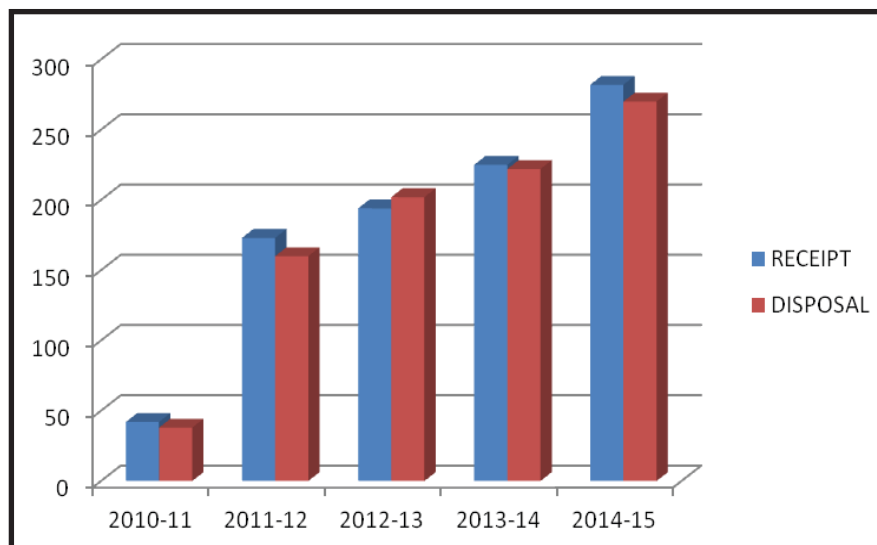
Physical Science (Physics & Ballistics Division)

BIOLOGY & SEROLOGY DIVISION

This division is functioning since 2009 and undertakes examination of the following types of evidentiary clues in different crime cases for identification and comparison:

- Blood, semen & saliva
- Diatom
- Vomit & faecal matter
- Charred bone, tissue & skin
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- Wildlife cases (flora & fauna)
- Wood & plant product
- Maggot

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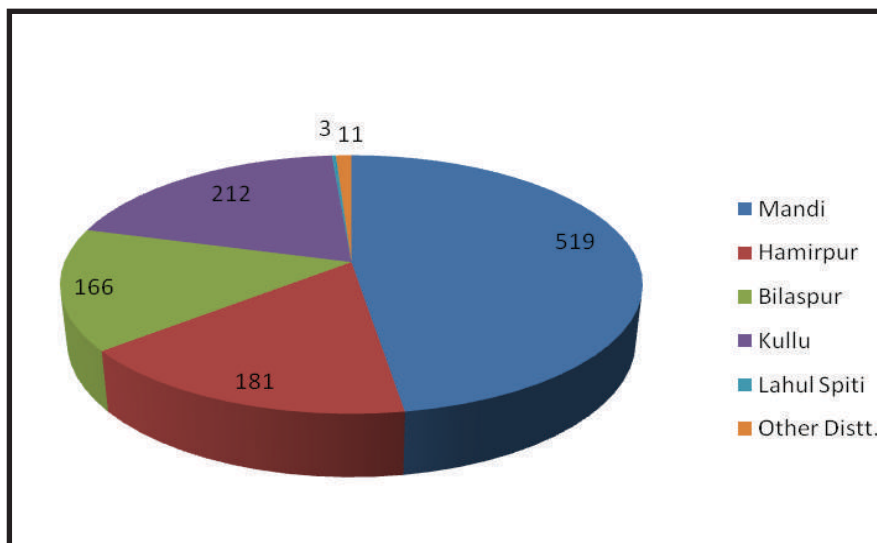
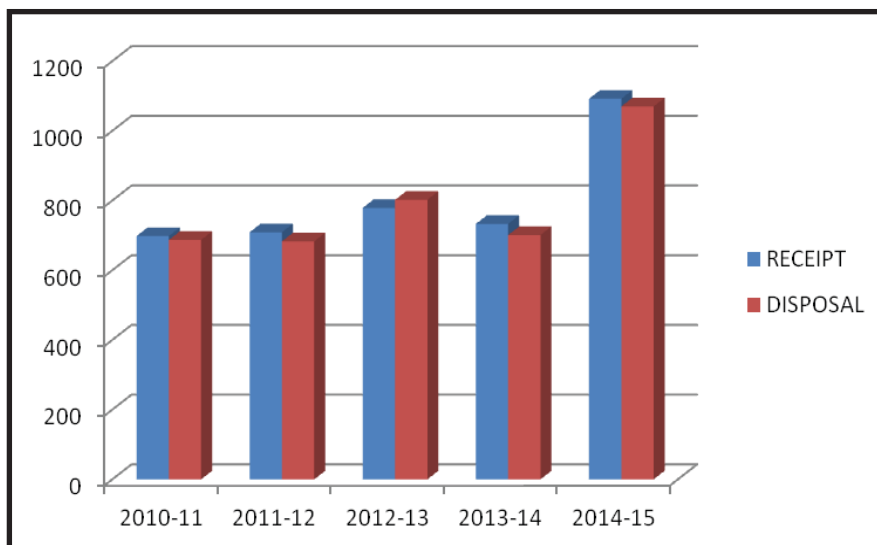


CHEMISTRY & TOXICOLOGY DIVISION

The division undertakes examination of clue materials such as:

- Poison
- Petroleum product residues in arson and dowry deaths
- Alcohol estimation from blood and urine for drunkenness
- Phenolphthalein in trap cases
- Liquor
- Methanol in hooch tragedy
- Acid & alkali attacks
- Grease, wax, oil & resin
- Cosmetic & organic dyes
- Adulteration in petroleum products
- Chemical identification of unknown substances

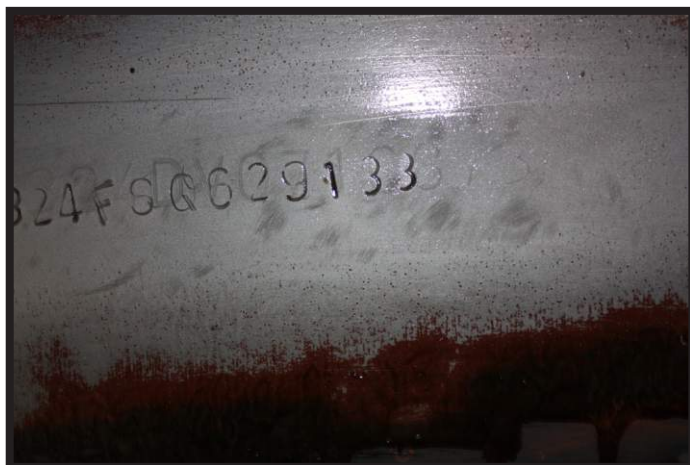
CASE STATISTICS



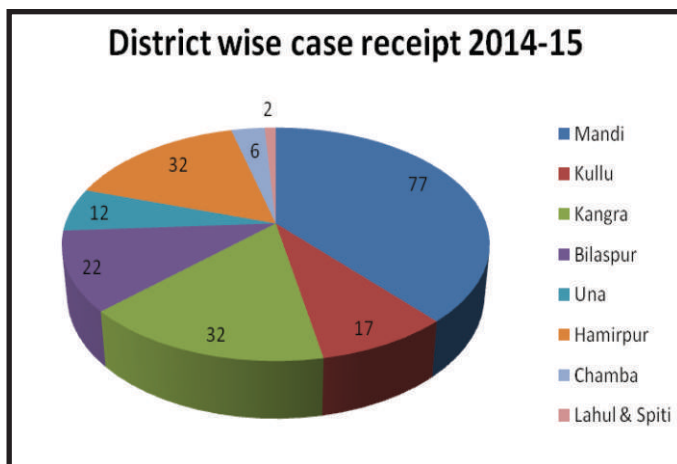
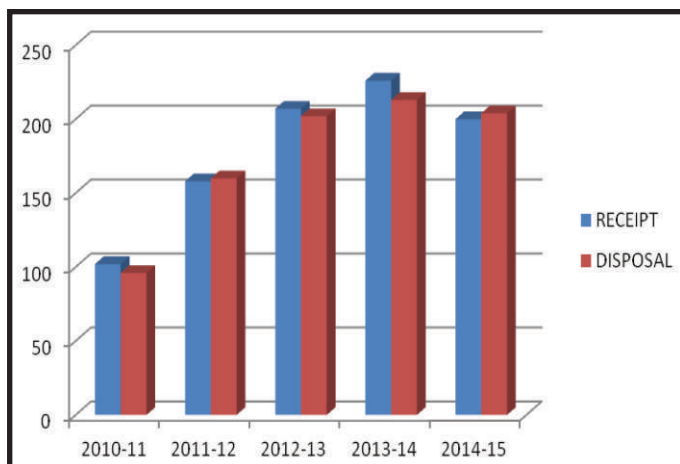
PHYSICS & BALLISTICS DIVISION

The division undertakes examination of clue materials such as:

- Tool mark & telephone cable
- Footprint, shoe print & tyre mark
- Paint & glass
- Building material & bitumen
- Paper & fiber
- Metal adulteration in jewellery
- Soil, sand & grit
- Shining globule formation in electric short circuiting
- Resuscitation of number of stolen vehicle chassis & firearm
- Firearm, ammunition & gunshot residue etc



CASE STATISTICS



TEACHING & TRAINING

Name	No. of lectures / demonstrations
Dr. Rajesh Kumar, Dy. Director	15
Sh. Rajesh Kumar, Asstt. Director	06
Sh. Tek Chand, Asstt. Director	09
Dr. Neeti Parkash Dubey, Asstt. Director	11
Dr. Naresh Kumar, Scientific Officer	03
Dr. Vijay Kumar, Scientific Officer	06
Sh. Sanjeev Singh, Scientific Officer	12
Sh. Rakesh Kumar Rana, Scientific Asstt.	10
Sh. Dev Raj Kalia, Scientific Asstt.	14
Sh. Chanderkant Sharma, Scientific Asstt.	12
Sh. Vinay Kumar, Lab Asstt.	02
Sh. Hitesh Singh, Lab Asstt.	04

TRAINING ATTENDED

Name	Course
Sh. Tek Chand	<ul style="list-style-type: none"> • Expert Testimony in Criminal Trial at NICFS, New Delhi on 26-31.5.14. • Mathematical Modeling and Computational Biology at IIT Mandi on 27-29.10.14.
Dr. N. P. Dubey	<ul style="list-style-type: none"> • Office Procedure and Financial Administration at RTC, HIPA, Mandi on 14-19.7.14.
Dr. Naresh Kumar	<ul style="list-style-type: none"> • Individual Identification Technique at NICFS, New Delhi on 5-9.1.15.
Dr. Vijay Kumar	<ul style="list-style-type: none"> • Basics of Computer at RTC, HIPA, Mandi on 22-27.7.14.
Sh. Sanjeev Singh	<ul style="list-style-type: none"> • Explosives and Explosion Investigation at NICFS, New Delhi on 19-23.5.14.
Sh. Hitesh Singh	<ul style="list-style-type: none"> • Mathematical Modeling and Computational Biology at IIT Mandi on 27-29.10.14.

CONFERENCE/SEMINAR/WORKSHOP/SYMPOSIUM ATTENDED

Name	Remarks
Dr. Rajesh Kumar	Workshop on TDS and TCS provisions at Vipasha Sadan, Mandi on 30.10.14.
Sh. Rajesh Kumar	Workshop on Instrumentation Techniques in Forensic Science at NICFS, New Delhi on 20-22.8.14.
Sh. Tek Chand	Workshop on Integrated Criminal Justice System at New Delhi on 01.02.14.

COURSES ORGANIZED

Course	Number
• Workshop on Scene of Crime Archiving for the Officers/Officials of RFSL Mandi on 22.5.14.	15
• Training programme on Forensic Science for the Investigating Officers of Central Range on 16- 28.6.14.	20
• Training programme on Forensic Science for the Investigating Officers of Central Range on 17-29.11.14.	25
Total	60

INTERNSHIP

Title	Number
• Student from Amity University, Noida on 26.5- 26.06.14.	01