

## RESEARCH PUBLICATION

A communiqué from the editor of journals (national/international) and organizers of conference/seminar conveying acceptance of the research work for publication are the fuels that keep us moving forward. An endeavor has been made by creating congenial environment, encouraging officers/officials to write articles, research papers. There has been exponential increase in research publications from the department in comparison to preceding years.

Author(s) Name	Title	Reference
Meenakshi Mahajan, Vinay Singh, Vaibhav Saran, Afreen Tarannum & Arun Sharma.	Cloud Storage Application- A Security Threat	20 <sup>th</sup> IAFS, Seoul, South Korea on 14-16.10.14
Meenakshi Mahajan, Navendu Sharma, Nasib Singh Patiyal & Arun Sharma	Forensic Examination of Vermillion writings - A case report	20 <sup>th</sup> IAFS, Seoul, South Korea on 14-16.10.14
Meenakshi Mahajan Mam Raj Sharma Rajat Choudhary & Arun Sharma	Forensics in Torn Paper Pieces - A Case Report	20 <sup>th</sup> IAFS, Seoul, South Korea on 14-16.10.14
Meenakshi Mahajan, Vinay Singh, Vaibhav Saran, Afreen Tarannum & Arun Sharma	Role of Social Media in Improving Police-Public Relationship A Hypothesis	20 <sup>th</sup> IAFS, Seoul, South Korea on 14-16.10.14
Meenakshi Mahajan	Synthetic or Natural signatures?	International Conference on Questioned Document Examination at PU, Patiala on 10-12.01.15
SK Pal, Arun Sharma, Ajay Sehgal & Vijay Kumar	Individualisation of Biological Remains form Anthropological Perspectives-A Case Study	Medico-Legal Update (An International Journal), January –June 14, Vol. 14, No. 1, PP 41-45
SK Pal, Arun Sharma & Ajay Sehgal	Mystery of Double Murder Unraveled by Forensic Clues -A Case Report	Indian Journal of Forensic Medicine & Toxicology, 2015, Vol. 9, No.1 PP 247-252
SK Pal, Arun Sharma, Ajay Sehgal & Ajay Rana	A Study of ‘Sexual Assaults in Northern Range of Himachal Pradesh	International Journal of Medical Toxicology & Forensic Medicine 2015; 5(2):64-72

Mam Raj Sharma, Arun Sharma, Meenakshi Mahajan, Rajat Choudhary & Upender	Digital Technology in Forensic Documents.	International Conference on Questioned Document Examination at PU, Patiala 10-12.1.15
Visheshwar Sharma, Jagjeet Singh Saroa & Arun Sharma	Writings on Unusual Surface - A Case Study	Presented in International Conference on Questioned Documents at PU, Patiala on. 10-12.1.15
Jagjeet Singh Saroa, Visheshwar Sharma & Arun Sharma	Digital Manipulations Printouts - A Case Study	Presented in International Conference on Questioned Documents at PU, Patiala on. 10-12.1.15
Jagjeet Singh Saroa & Komal Saini	Determination of Authenticity of Photocopied Document	Presented in International Conference on Questioned Documents at PU, Patiala on. 10-12.1.15
Vipin Ashok, Nitasha Agrawal, Abhilasha Durgbanshi, Neeti Prakash Dubey & Devasish Bose	Detection and Quantification of Some Banned Colours In Common Indian Spices with the Help of UV-Visible Spectrophotometer	J. Indian Chem. Soc. Vol. 91, June 14, pp. 1189-1195.
Nitasha Agrawal, Vipin Ashok, Devasish Bose and Neeti Prakash Dubey.	Study on Damaged Fingerprints due to Occupational Hazards: A Review.	Global Journal of Multidisciplinary Studies, Vol-3, issue 6 (2014), pp. 132-140
Nitasha Agrawal, Josep Esteve-Romero, Devasish Bose, Neeti Prakesh Dubey, Juan Peris-Vicente & Samuel Carda-Broch	Determination of Selective Serotonin Reuptake Inhibitors in Plasma and Urine by Micellar Liquid Chromatography Coupled to Fluorescence Detection	Journal of Chromatography B, Vol. 965 (2014), pp 142-149.
Neeti Prakesh Dubey, Kumar V. et. al	Simultaneous Determination of Venlafaxine, Duloxetine, Quetiapine, Ibuprofen and paracetamol: A case study	International Journal of Chromatographic Sciences, 4 (2014), pp. 6-10.
Neeti Prakesh Dubey et. al	Chronic study of Arsenic Trioxide-induced Hepatotoxicity in Relation to Arsenic Liver Accumulation in Rats.	Toxicological & Environmental Chemistry, Volume 96, Issue 3, (2014), pp. 491-499: DOI: 10.1080/02772248.2014.949129

## PROFESSIONAL EXCELLENCE

### Dr. Arun Sharma:

- Examined a case of missing foreign national for about one year and solved the mystery of Homicide, Suicide or Accident? on the basis of examination of physical evidences . The Govt. of France has given a letter of appreciation.
- Examined a case of road accident and solved the mystery of Hit & Run or Accidental Homicide? on the basis of physical evidences. Also determined speed of the vehicle from skid marks for the first time in Himachal Forensics.
- Member (Expert) of Selection Committee for Award of UGC-BSR Fellowships to research scholars at Punjabi University, Patiala on 30.7.14.
- Empanelled as an examiner for Post Graduate Degree courses and for PhD thesis evaluation in forensic science in different universities.
- Examiner for Forensic Science and Forensic Medicine at Police Training College, Daroh.
- Two students were enrolled for Ph.D. being a Co-Supervisor in different Universities.
- Disaster Victim Identification Cell was envisioned got approved and funds sanctioned for State FSL and RFSLs.
- Invited to deliver lecture on the topic Homicide, Suicide or Accident? to the M.Sc. students, Research Scholars , Faculty of Gujarat Forensic Sciences University, Gandhinagar on 22.1.15.
- Invited to deliver lectures to the Medical Officer in the Induction Course for Medical Officer on the topic "Introduction to Forensic Science" on 24.8.14 at State Health & Family Welfare Training Centre, Kasumpti, Shimla.
- Invited to deliver lectures to the Himachal Administrative Service (Probationers) in Induction Course on the topic 'Forensic Science in the Service of Mankind' on 30.12.14. at Himachal Institute of Public Administration, Shimla.

### Dr. Meenakshi Mahajan

- Appreciation for quality lab analysis in a case of French nationals by the Govt. of France.
- Presented four research papers at 20<sup>th</sup> World level International Association of Forensic Science, Seoul Korea on 14.10.14 to 16.10.14.
- Delivered lecture at the Department of Chemistry, SHIATS, Allahabad.
- Delivered a talk to the students of post graduate diploma in Forensic Science at Khalsa Collage, University of Delhi, Delhi.
- Examiner for M.Sc. (Forensic Science-practicals) Department of Forensic Science, Punjabi University, Patiala.
- Chairman for conducting tests of Scientific Aids in 47<sup>th</sup> HP Annual Police Sports and duty meet.

### Sh. Rajesh Kumar

- Appreciation for providing useful assistance in prestigious "Raghunath Temple theft case" from Inspector General of Police, Central Range, Mandi.

### Dr. Vivek Sahajpal

- Designed a kit for sample preservation for DNA profiling in the wake of the holiday horror tragedy of Andhra engineering students. Twenty four students and a tour guide from Hyderabad were washed away in river Beas.
- Introduced 21 Autosomal STR marker kit, latest technology for DNA profiling in the form of PCR kits to provide greater power of discrimination.

### Sh. Dev Raj Kalia

- Appreciation for providing useful assistance in prestigious "Raghunath Temple theft case" from Inspector General of Police, Central Range, Mandi.

## MAJOR INITIATIVES

- 8<sup>th</sup> Meeting of HP Forensic Science Development Board chaired by the Hon'ble Chief Minister, Himachal Pradesh was organized on 22.7.14 after the year 2012. First time, 'Five Year Perspective Plan- 2014-2019' for the development of Deptt. was got approved
- First time in the country, Forensics in Disaster Management envisioned and accordingly Disaster Victim Identification Cells were established and rendered service for the holiday horror tragedy below Larji dam in the basin of river Beas. Now, the govt. has sanctioned funds from 13<sup>th</sup> Finance Commission to the tune of Rs. 50.50 lacs to create infrastructure.
- Proposal for Biological Waste Management through scientific and environment pollution free method after lab analysis with a time frame for storage was mooted. For this, attended a meeting at PHQ and with worthy ACS(Health) after having discussions with Director of Prosecution, Director, Health Services, and Directors of Forensics of different States about the practice in vogue
- Accreditation of State FSL and RFSLs for Quality Assurance in Forensics.
- Proposal for purchase of major equipments under Plan Budget was submitted to the Department of Science, Technology and Environment for funds
- Proposal for creation of staff for Voice identification and Digital Forensics divisions was sent to the Govt. Likewise, a proposal for expanding Forensic Sciences Services up to District level was sent to the Govt.
- Proposal for MOU with universities for collaboration in R&D submitted to the Govt.
- Proposal for Deptt./Directorate of Forensic Services was sent to the Govt.
- Proposal for creation of the video conferencing facility with courts was submitted to the Govt.
- Proposal for Himswan facility to RFSLs was submitted to the department of IT, Govt. of H.P.
- Proposal to strengthen NDPS division through NCB (MHA / GOI ) through funding for equipment was mooted.
- Proposal for funding training from National Crime Records Bureau, MHA/GOI was got approved for the NDPS division and for the Investigating Officers.
- Proposal for enhancing PA fund of State FSL and RFSLs was submitted to the Govt.

## ACHIEVEMENTS

- Proposal of about 11 crore for new Forensic Hqrs-cum-Super Speciality block was got approved from the Govt. and the budget allotted. Administrative approval and expenditure sanction received.
- Proposal of 3.30 crore was got approved from the Govt. and budget allotted for construction of staff quarters of RFSL, Dharamshala. Administrative approval and expenditure sanction received.
- Proposal for Video Conferencing facility at Forensics Headquarters with courts for evidence was got approved, funds sanctioned and VC facility is ready for launch.
- Three telephone lines for 24x7service along with EPBAX for State FSL and RFSLs were got sanctioned from the govt.
- Targets of the 'First Year of the Five Year Perspective Plan' have been achieved except MOU with the Universities and nomenclature of the Deptt.
- Six days workshop was organized for officers of State FSL and RFSLs on Quality Assurance in Forensics and ISO/IEC 17025 on 15-20, Sept, 2014 and accreditation is in progress.
- Posts of the Director, State FSL, Dy. Director RFSL was filled up by promotion.
- One vacant position of Assistant Director (Physics & Ballistics Division) was got filled up through HPPSC, Shimla.
- Two vacant posts of clerks & one vacant post of steno lying vacant since creation in 2008 were filled up on compassionate appointment as recommended by Govt. of H.P.
- Two vacant posts of Laboratory Attendants and one post of Peon was got filled up from surplus pool of the Finance Deptt.
- One vacant post of clerk was filled up by promotion.
- Three vacant posts of Laboratory Assistants were filled up by direct recruitment on the recommendation of HPSSB, Hamirpur.
- Proposal was submitted to the govt. for prescribing authority in respect of ACR of different categories in the Deptt. and got approved. First time ACR authorities of the Deptt. were prescribed
- Proposal to enhance Permanent Advance Fund of State FSL and RFSLs was submitted to the Govt. and got approved
- Proposal for delegation of power to depute officers/ officials outside the state for training was submitted to the Govt. and got approved.

- Proposal for Biological Waste Management through scientific and environment pollution free method after lab analysis was mooted got approved from the Govt.
- First time, the post of Director, State FSL appeared in the civil list as well as in official diary published by the Govt.
- First time all the posts of scientific, technical and ministerial in RFSL, CR, Mandi were filled up.
- Proposal to fill up vacant post of SO (DNA) was got approved from the Govt.
- E- Surveillance project of the State FSL complex was completed.
- ACP cases of 12 Class-III employees and 2 Class-IV employees were finalized.
- Nine RTI applications were received and disposed off from 01.04.14 to 31.03.15.
- Annual Administration report 2013-14 was got approved from Govt.
- The audit of the State FSL office (7.2.10 to 30. 6.14) was conducted by the office of Accountant General H.P. No major para could be made in the audit report.



**A view of proposed new Forensics Headquarters complex.**

## PUBLIC AWARENESS

Public is the first to get the information, whenever there is an occurrence, followed by the police. Then comes the turn and role of the forensic experts. Accordingly, education about role of public in preserving the crime scene treasured with clues is vital. With that in mind, first of its kind in the country, important fairs in different parts of state visited by all folks were planned to be covered to disseminate forensics knowledge. Following exhibitions were organized:

Sr. No	Event	Period
1.	International Minjar Fair at Chamba	27.7-03.08.14
2.	International Dushehra Fair at Kullu	03-09.10.14
3.	International Lavi Fair at Rampur Bushahar	11-14.11. 14



Hon'ble Governor, H.P. Smt. Urmila Singh in the Forensics Exhibition at Rampur Bushahar

# FORENSICS IN MEDIA

The good work done in the four walls of lab may remain buried in the records or may go unnoticed. Accordingly, media officers were nominated from each office to interact with press to convey how useful forensics is in crime investigation.







Hon'ble Cabinet Minister Inaugurating Forensics Exhibition at International Minjar Fair, Chamba



Member Secretary, State Legal Service Authority, HP in Seminar on Expert Evidence at State FSL



Trainee Medical Officers at State FSL



Forensic Awareness Programme



HP FSLs officers during preparation of documents for NABL accreditation at State FSL



A Seminar on New Interventions in Crime Investigations at RFSL, NR, Dharamshala



Trainee Prosecution Officers at RFSL, NR, Dharamshala



Forensic Awareness Programme

EVENTS AT A GLANCE

# WHO WROTE WHAT .....

20/9/14		Maneesh Garg Secy. (Home)	Secy. (Home)	A very interesting visit and gave opportunity to see the modern techniques being used in forensics in the state. Hope the objective of the workshop to get NABL accreditation is achieved within the target set. I wish all officers and staff of FSLs the best.	Very
18.3.2015		Sanjay Kumar	D.G.P. / H.P.	I am happy to visit the FSL today though it is a chance visit for me. The FSL has come of age and has been of immense importance in connecting criminals to crime as well as bringing them to book. I hope the facilities being extended will cater to the future needs in this field. I wish the Director and his staff the best.	
08/01/2015		Dr. Anbur Sharma with all medical officers of Induction Training	Induction Training 8th Batch, Panmahal	this visit to FSL, Jurga today is very interesting & fruitful for all of us. We saw the practicality of the things overall, it's great to be here.	
21st Feb. 15	15:30 pm	Dr. Ankit Srivastava	Head, Dept. of Forensic Science, Bunkelkhand University, Jhansi	It was a great pleasure to be here and learn a lot in FSL Jurga. Students feel so proud to be interacted with the various officers of the FSL Jurga. We are thankful to all the staff of FSL Jurga for their kind support.	

Date	Name & Address	Designation & Occupation	Phone No.	Comments & Suggestions
27.2.14	Dr Col. DR SHARMA Minister, Social Justice & Empowerment & SW Govt HP.			your staff is doing a very valuable service in delivering inputs for justice. keep it up.  [Signature]

Date	Name & Address	Designation & Occupation	Phone No.	Comments &
8/7/14	R.K. Sharma, Dist. Judge Chamba, HP.	Dist. Judge Chamba.	94182-00323.	Excellent effort Forensic Lab. to people about Sci this year. Con- tinue officers of this nature.
8.7.14.	ADARNA SHARMA C.J.M.	CJM Chamba	94184-70322	Very Good. It will among the people for investigation to
8-7-14	AMARDEEP SINGH JMIC, CHAMBA			A really laudat- -ve initiative by Deptt.

Date	Name & Address	Phone	Comments
12/6/14	Dr A. K. Basu	9969529994	I am happy to visit the RFSL, at Dheramshale. The new establishment of various division is very good. and I hope this laboratory will grow in future with its science and R&D endeavors with regard  [Signature] RFSL, Pune. Conduct

Date	Name & Address	Phone	Comments
31.2.15	Dr. B. R. Sharma, 1029/4 Pk.	09411735085	Innovative topics chosen for seminar. Sufficient & sound arrangements. Congratulations to the organizers.
1/2/15	S.L. Sharma, Dist. J Sessions Judge Kangra	94182- 35542	Good topics chosen for training. Congrats to the organizers.  [Signature]
2/2/15	Dr. Arvind K. Bhatt Dept. of Biotechnology HP University, Solan	94184- 55559	Really good effort to link R&D institute for sharing knowledge and preparing team for future. Such events are need of the hour and must be continued with more focused approach in view of the department mandate.  [Signature]

## Himachal Forensics at International Forum

One has to stick to professional standards diligently irrespective of the circumstances one is in. And Himachal Forensics though in growing phase, yet it has recorded its presence at International forum for the quality lab work & for quality research work. One of the students authored a research paper under the guidance of an officer from this department was short-listed for Young Scientist Award at 20th IAFS Seoul, South Korea.

1. Dr. Vivek Sehajpal, Assitt. Director, DNA participated in eighth Asian AICEF DNA Proficiency test – 2014 (International Quality Assurance Test) of DNA testing and proficiency : conducted by Academia Iberoamericana de Criminalística y Estudios Forenses (AICEF), Spain.

2.



Presentation of a Research Paper at 20<sup>th</sup> IAFS Meet, 2014 at Seoul, South Korea

3. Letter of appreciation from Ambassador of France HE Francois RICHIER.

New Delhi

24.12.2014

*“The detailed forensic analysis of the bag and other personal belongings (including mobiles, camera and clothes) of ----- two young French nationals ----- has been very useful in helping to understand the circumstances surrounding the accident.*

*I would like to personally thank Dr. Meenakshi Mahajan, assistant director at the Regional Forensic Science Laboratory in Dharamshala, and Dr. Arun Sharma, Director, State Forensic Science Laboratory of Himachal Pradesh, for carrying out the scientific analysis of these articles and for explaining at length the implications and possible conclusions that could be drawn from these findings.-----*

*Carrying out the scientific analysis of these articles and for explaining length the implications and possible conclusions that could be drawn from these findings-----.*

*Please accept the appreciation and gratefulness of the families of the missing nationals as well as that of the govt. of France for this effort and convey my personal thankfulness”*

Shri P. MITRA, IAS  
Chief Secretary  
Govt. of Himachal Pradesh, Shimla

sd-  
Francois RICHIER  
AMBASSADOR OF FRANCE

## BUDGET ALLOCATIONS

Funds in the department are received from the State Government and in the form of grants from the GOI. The Government has sanctioned plan and non plan budget under different budget heads. However, there was shortfall in some budget heads. Accordingly, the matter regarding additional budget requirements was pursued at different levels and got sanctioned additional budget in non-plan budget head to the tune of Rs. 28, 85, 000 to install EPBAX systems in all the three labs, for repair and maintenance of major equipments and maintenance of residential buildings. New budget head have opened raising the number 5 to 6 budget head. Likewise, budget was given in professional services & other charges heads. Budget of Rs. 50.50 lacs was also sanctioned to establish DVI cells.

### STATE FORENSIC SCIENCE LABORATORY AND IT'S REGIONAL FSLs NON-PLAN (2014-15)

Object Code/SOE	Sanctioned Budget	State FSL H.P. Junga	RFSL Dharamshala	RFSL Mandi
01-Salary	3,92,84,000	2,19,69,000/-	78,65,000	94,50,000
02-Wages	2,17,000	46,000/-	90,000	81,000
03-Travel Expenses	5,47,000/-	2,82,000/-	2,05,000/-	60,000/-
05-Office Expenses	25,00,000/-	17,75,000/-	3,75,000/-	3,50,000/-
06-Medical Re-Imbursement	3,02,000/-	1,67,000	65,000/-	70,000/-
07-Rent-Rate	1,000/-	1,000/-	----	---
09-Advertising & Publicity	85,000/-	83,000/-	2,000/-	---
10-Hospitality & Entertainment	60,000/-	56,334/-	3,166/-	500/-
12-Professional services	50,000/-	50,000/-	---	---
15-Training	40,000/-	29,000/-	11,000/-	--
20-Other Charges	50,000/-	20,696/-	28,834	470/-
21- Maintenance	7,10,000/-	6,94,831/-	---	15,169
27-Motor Vehicle Purchase	1,000/-	1,000/-	---	----
30-Motor Vehicle	5,75,000/-	3,45,000/-	1,45,000/-	85,000/-
31-Mechaniry & Equipments	5,13,000/-	4,93,000/-	---	20,000/-
33-Material & Supply	25,79,000/-	23,19,000/-	1,25,000/-	1,35,000/-
64-Transfer Expenses	10,000/-	4,000/-	3,500/-	2,500/-
<b>Total</b>	<b>4,75,24,000/-</b>	<b>2,83,35,861/-</b>	<b>89,18,500/-</b>	<b>1,02,69,639/-</b>

### “Major Head-07-2059-01-053-41-SOON-V-NP” (Maintenance of vigilance and Forensic Laboratory Buildings)

Object Code/SOE	Sanctioned Budget	State FSL H.P. Junga	RFSL Dharamshala	RFSL Mandi
21- Maintenance	4,42,000/-	4,42,000/-	-	-
<b>Total</b>	<b>4,42,000/-</b>	<b>4,42,000/-</b>		

**PLAN BUDGET (2014-15)****“Major Head-07-2216-06-053-02-SOON-V-NP” (Maintenance of Residential Buildings of State Forensic Science)**

Object Code/SOE	Sanctioned Budget	State FSL H.P. Junga	RFSL Dharamshala	RFSL Mandi
21- Maintenance	1,01,000/-	1,01,000/-	-	-
<b>Total</b>	<b>1,01,000/-</b>	<b>1,01,000/-</b>	<b>-</b>	<b>-</b>

**“Major Head-32-4055-00-789-03-SOON-V-Plan” (Construction of Building State FSL Laboratory, (Scheduled cast sub plan)**

Object Code/SOE	Sanctioned Budget	State FSL H.P. Junga	RFSL Dharamshala	RFSL Mandi
37- Major Work	25,00,000/-	25,00,000/-	-	-
<b>Total</b>	<b>25,00,000/-</b>	<b>25,00,000/-</b>	<b>-</b>	<b>-</b>

**“Major Head-07-4216-01-106-18-SOON-V-Plan” (Construction of Residential Buildings of State F.S.L.)**

Object Code/SOE	Sanctioned Budget	State FSL H.P. Junga	RFSL Dharamshala	RFSL Mandi
37- Major Work	37,00,000/-	37,00,000/-	-	-
<b>Total</b>	<b>37,00,000/-</b>	<b>37,00,000/-</b>	<b>-</b>	<b>-</b>

**“Major Head-07-4055-00-211-05-SOON-V-Plan” (Construction of State F.S.L.)**

Object Code/SOE	Sanctioned Budget	State FSL H.P. Junga	RFSL Dharamshala	RFSL Mandi
37- Major Work	75,00,000/-	75,00,000/-	-	-
<b>Total</b>	<b>75,00,000/-</b>	<b>75,00,000/-</b>	<b>-</b>	<b>-</b>

### DEPARTMENT REVENUE RECEIPTS

The Government has prescribed rates for examination of cases referred by the courts and other departments. The cases have been examined from other States and Centre Government Departments. Likewise, training fee structure has been prescribed by the Government for students of different Universities for internship training. The students from Panjab University, Chandigarh, Kurukshetra University, Kurukshetra, Amity University, Noida, Maharishi Dayanand University, Rohtak, Bundelkhand University, Jhansi, Institute of Forensic Science, Mumbai, Raksha Shakti University, Gujarat and some private universities were imparted trainings. The detail of revenue earned is given as under:

#### State FSL HP

Case fee =Rs.50,500/-  
Training fee =Rs.66,800/-

#### RFSL, NR, Dharamshala

Case fee =Rs. 17,000/-  
Training fee =Rs.31, 500/-



A view of working of DNA lab.

**CASE STATISTICS**  
**STATE FORENSIC SCIENCE LABORATORY**  
**(2014-15)**

<b>Division</b>	<b>Pending cases (01.04.14)</b>	<b>Received cases</b>	<b>Total</b>	<b>Examined cases (31.03.15)</b>	<b>Pending cases (01.04.2015)</b>
	<b>(A)</b>	<b>(B)</b>	<b>(C=A+B)</b>	<b>(D)</b>	<b>(E=C-D)</b>
Biology & Serology	07	302	309	296	13
Chemistry & Toxicology	110	1402	1512	1393	119
Physics & Ballistics	18	216	234	197	37
Document & Photography	56	233	289	265	24
NDPS	71	637	708	696	12
DNA	137	378	515	158	357
<b>Total</b>	<b>399</b>	<b>3168</b>	<b>356</b>	<b>3005</b>	<b>562</b>

**CASE STATISTICS**  
**REGIONAL FORENSIC SCIENCE LABORATORY, NR**  
**(2014-15)**

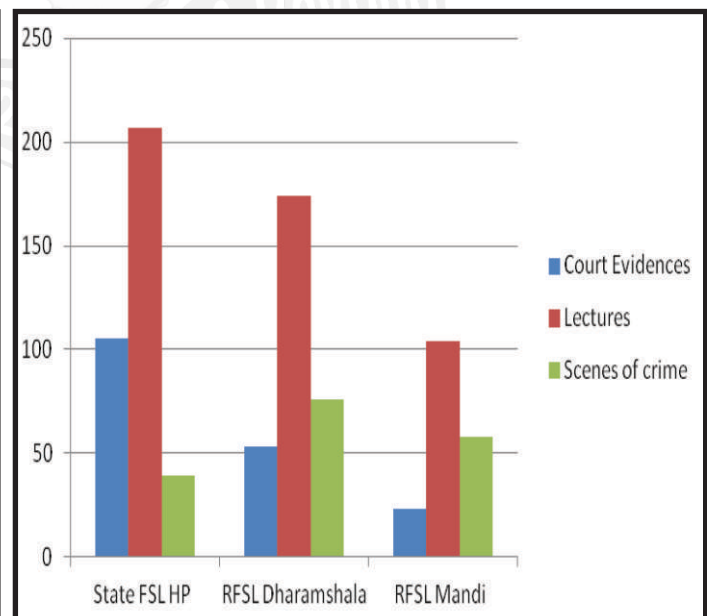
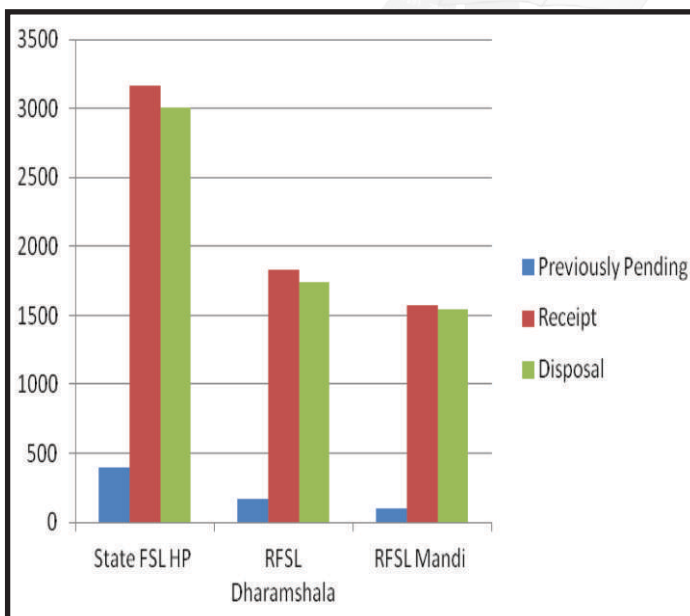
<b>Division</b>	<b>Pending cases (01.04.14)</b>	<b>Received cases</b>	<b>Total</b>	<b>Examined cases (31.03.15)</b>	<b>Pending cases (01.04.15)</b>
	<b>(A)</b>	<b>(B)</b>	<b>(C=A+B)</b>	<b>(D)</b>	<b>(E=C-D)</b>
Biology & Serology	11	277	288	275	13
Chemistry & Toxicology	138	1393	1531	1294	237
Document & Photography	15	163	178	171	07
<b>Total</b>	<b>164</b>	<b>1833</b>	<b>1997</b>	<b>1740</b>	<b>257</b>



## CASE STATISTICS REGIONAL FORENSIC SCIENCE LABORATORY, CR (2014-15)

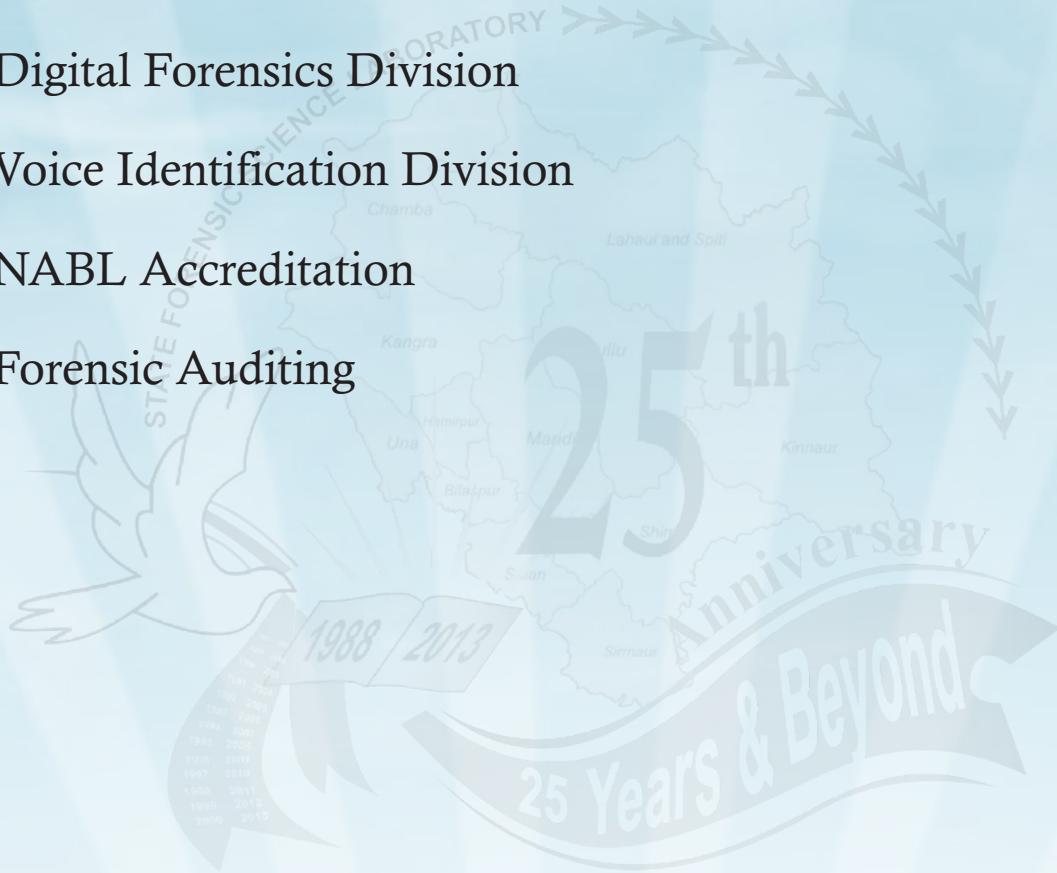
Division	Pending cases (01.04.14) <b>(A)</b>	Received cases <b>(B)</b>	Total <b>(C=A+B)</b>	Examined cases (31.03.15) <b>(D)</b>	Pending cases (01.04.15) <b>(E=C-D)</b>
Biology & Serology	13	282	295	270	25
Chemistry & Toxicology	68	1092	1160	1070	90
Physics & Ballistics	23	200	223	204	19
<b>Total</b>	<b>104</b>	<b>1574</b>	<b>1678</b>	<b>1544</b>	<b>134</b>

## COMPARATIVE STATISTICS OF STATE FSL & RFSLs



# FUTURE VISION

- ◆ District Mobile Forensic Units
- ◆ Digital Forensics Division
- ◆ Voice Identification Division
- ◆ NABL Accreditation
- ◆ Forensic Auditing



*----. Not only his fingerprints or his footprints, but his hair, the fibers from his clothes, the glass he breaks, the tool mark he leaves, the paint he scratches, the blood or semen that he deposits or collects - all these and more bear mute witness against him.*

*----. Physical evidence cannot be wrong; it cannot perjure itself; it cannot be wholly absent. Only its interpretation can err. Only human failure to find it, study and understand it, can diminish its value. "*

*(Dr. Paul L. Kirk : Crime Investigation, 1953)*