



**State Forensic Science
Laboratory, Himachal Pradesh,
Junga –171218**

**Annual Administrative Report
2010-2011**

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FOREWORD

In a society that believes in the Rule of Law, it is a cardinal principle that no man is presumed guilty till proved otherwise, and also that no one can be forced to incriminate himself. Investigation and detection of crime in such circumstances is necessarily a complex task. The Investigating Officer has to collect sufficient proof capable of withstanding scrutiny in a Court of Law. Not only that, he has to do so in a manner that is acceptable to the Courts and to Society. Today, when human rights are being more and more elaborately defined, the Investigating Officer's task is no easy one. Little wonder that traditional investigating techniques are resulting in progressively higher acquittal rates.

In this context, the introduction of scientific methods of investigation assumes crucial importance as the only practical solution in the prevailing circumstances. The evidence collected, analyzed and interpreted using Forensic techniques has the advantage of being more acceptable to Courts, being in the nature of independent expert testimony. Forensic evidence has the unparalleled advantage that it can be presented even in case no eyewitness is available or where the witness is liable to be influenced or is otherwise unreliable. Forensic techniques are generally also acceptable from the human rights perspective, being relatively non-invasive in comparison with earlier methods. Of course, it is essential that forensic methods and expert resources have the requisite credibility, and this is possible only by the recruitment of properly qualified personnel and access to modern laboratory equipment and chemicals. In the long run however, there is no doubt that the detection and conviction rates go up substantially through the systematic use of forensics, and to that extent a comparatively small investment in forensic facilities is clearly highly cost-effective to get better value from the huge investment in crime detection machinery, not to mention the investment in the system of administration of justice itself.

In this light the State Government has taken steps to activate and energize the State Forensic setup. The Annual Report gives an overview of the activities during 2010-2011. It is expected that there will be a substantial step up during the coming years as a result of the creation of the State Forensic Science Board which oversees the planning and implementation of a time bound programme for induction of forensics into investigation of crime in the State.

During the financial year 2010-2011 the State Forensic Science Laboratory, Himachal Pradesh has extensively undertaken training programmes for the police, prosecution and judiciary in forensic science, which has improved the process of criminal justice delivery system in the state of Himachal Pradesh.



(Narinder Chauhan, IAS)
Principal Secretary (Home) & Vigilance
to the Government of Himachal Pradesh,

PREFACE

There have been tremendous scientific developments in the 20th century and hence it has been called to be the age of science. Science has provided tools of committing crime by scientific and complex methods to the potential criminals on one hand in the world, on the other hand, it has provided the forensic scientist the methodology and technology to combat the menace of crime. A Forensic Scientist in this race has to be ahead of the criminals in scientific knowledge and technology to deal with the crimes committed by scientific methods by the contemporary criminals.

Since, the establishment of State Forensic Science Laboratory, Himachal Pradesh in 1988 we have been continuously introducing modern scientific technology in the State Forensic Science Laboratory, Himachal Pradesh. The year 2010-2011 has not been any exception. We have undertaken teaching and training programmes for the police and public to provide forensic knowledge for the scientific investigation of crime to the police and for protecting the scenes of crime by the public. For the better presentation and evaluation of Forensic Evidence, we have imparted forensic trainings to the prosecutors and judges. For better investigations police officers have also been trained for the purpose.

In spite of constraints of manpower, efforts have been made to send the reports from the State Forensic Science Laboratory at the earliest possible opportunity. We are committed to get provided un-delayed justice to the common man in the State through the aids of science. We are also committed for introducing latest scientific techniques in the investigation of crime and for the administration of justice in the State of Himachal Pradesh by modernizing our State Forensic Science Laboratory in respect of human resources development and latest scientific technology. During the year our two partially functional Regional Forensic Science Laboratories one each at Mandi and Dharmshala have been made fully functional so as to provide quick forensic service at the scenes of crime and in close proximity of the Hon'ble Courts and the police stations in the state. We aspire for help and co-operation from all concerned in our future endeavours.



Dr. J.R. Gaur

Director

State Forensic Science Laboratory,
Himachal Pradesh, Junga – 171218.

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I. The particulars of the State Forensic Science Laboratory, Himachal Pradesh, Junga – 171218, functions and duties:

INTRODUCTION

Himachal Pradesh got full statehood on 25th January 1971 and since then the State has progressed by leaps and bounds. Efforts were on to have its own State Forensic Science Laboratory which came to fruition in 1988 so as to become self reliant in the application of science in the investigation of crime and the administration of justice besides keeping pace with the modernized criminals and to meet their challenges in the times ahead. Thus, State Forensic Science Laboratory, Himachal Pradesh was established in 1988 at Shimla with basic infrastructure of Biology, Serology, Chemistry and Toxicology Divisions. With the increasing requirement of investigation agencies, two more Divisions comprising four specialties viz. Documents, Photography, Physics and Ballistics were added by the State Govt. in 1997, which became functional in the subsequent years. The State FSL was shifted in December 2004 and at present functioning from Junga. In 2006, the HP Govt created two more specialties in the State FSL viz. DNA Profiling Division and NDPS Division and two Regional Forensic Science Laboratories one each at Dharamshala and Mandi.

LOCATION

Junga is situated at a distance of 26 KM from Shimla, 22 KM from Kandaghat and 18 KM from Chail. It is a hilly place having a forest cover of Kail, Deodar, Cheel, Oak and other trees. Temperature ranges between 4^o C in winter to 35^o C in summer months at Junga.

INFRASTRUCTURE

The buildings of State Forensic Science Laboratory, Himachal Pradesh, at Junga have covered area of about 33000 square feet. The work is in progress for planned expansion of additional divisions /specialities in the State FSL.

There are six scientific Divisions:

- i.) Biology & Serology Division.
- ii.) Chemistry & Toxicology Division.
- iii.) Physics & Ballistics Division.
- iv.) Documents and Photography Division.
- v.) Narcotics Drugs & Psychotropic Substances Division
- vi.) DNA Profiling Division

Biology & Serology; Chemistry & Toxicology Divisions are fully functional since 1990. In Physics and Ballistics Division, examination of some physics cases has started in 1999, however, for Ballistics work examination of cases started during the year-2002 and the division is fully functional. As regards Documents and Photography Division, the division is fully functional since October 2000. The analysis of narcotics drugs and psychotropic substances started in November 2006. Also in changing crime scenario measures are being taken to address new challenges of modernized crimes timely and objectively by adopting innovations of science and technology in the Forensic Sciences.

The State Forensic Science Department has 122 sanctioned posts of scientific and supporting staff for State Forensic Science Laboratory and Regional laboratories.

Filling up of vacant staff positions is actively under process and the vacant positions are required to be filled up immediately so as to keep pace with the ever-increasing workload.

The police staff is temporarily doing the reception and administrative work regarding crime cases in the SFSL at present.

As the State Government has also created two Regional Forensic Science Laboratories one each at Dharmshala and Mandi in the year 2006, these have been setup in rented buildings at both the places during the financial year 2008-09. The laboratories have become fully functional during the year under consideration.

WORKING

- Lab analysis of crime exhibits
- Scene of occurrence examination
- Expert evidence in the courts
- Teaching, training & Awareness programmes
- Research and development activities
- Forensic intelligence – leads in the investigation of crime

The scientists of the SFSL are examining the exhibits sent by the investigating agencies in different crime cases and submitting their reports. The knowledge of forensic expertise has not been confined to the four walls of the lab rather found its utility and use in unravelling mysteries of crime in a number of cases by visiting and examining the scene of crimes all over the state of HP. At times, it helped in preventing miscarriage of justice and saving lives of innocent persons. Cases examined include – Burglary, homicide, suicide, road accident, railway accident, and fire in the buildings, vehicles i.e. arson cases, aerosol explosions, air crash cases. The reports of lab analysis of crime exhibits and scene of occurrence examination have been defended by deposing expert evidence in the courts as and when required / summoned. Noble deeds done in this arena earned appreciation from the courts as well.

Forensic scientists, during the previous years, have been disseminating forensic knowledge to the Gazetted Officers of Police, Prosecution, Judiciary and Medical Officers as well. Students from Government College Baijnath, Ayurvedic College Paprola and Punjab University Chandigarh visited the laboratory and were imparted forensic knowledge. Students of M.Sc.(Forensic Science)/B.Tech/Biotechnology were attached for internship from different institutions/universities of the country with the State Forensic Science Laboratory during the year 2010-2011.

Services of the scientists of the laboratory have also been utilized for teaching and training, Punjabi University Patiala, P.U. Chandigarh, Delhi University, National Institute of Criminology and Forensic Science, New Delhi, Govt. Ayurvedic College Paprola, H.P and Haryana Police. Not only this, in order to have forensic awareness amongst the common masses, the Director of the SFSL has delivered radio talks from All India Radio and Doordarshan Shimla. This programme has been under taken keeping in view that the public should know do's and don'ts at the scenes of crime. It will help protecting scenes of crime till examination by police and the experts.

Director, State Forensic Science Laboratory, Himachal Pradesh has delivered lectures to the visiting students from the universities and also arranged visits of other dignitaries. He also

evaluated research papers for a few National and International journals and also acted as an examiner of Postgraduate classes and PhD. in Forensic Sciences of a few universities of the country. He coordinated with other forensic institutions in the country viz. SFSLs, CFSLS, Directorate of Forensic Science, Ministry of Home Affairs, Government of India, NICFS and universities for promoting the facilities of forensic science in the State and country. During the year under consideration, Director, State FSL H.P. also carried out inspection of State FSL H.P. Junga and its Regional Forensic Science Laboratories at Dharamshala and Mandi, forwarded scientific reports in 3028 cases, attended scenes of crime, delivered lectures and invited talks at various universities, training institutions of police, judiciary and prosecution, assisted HPPSC and HPSSSB for the interviews of Scientific Officers, Scientific Assistants and Laboratory Assistants. Got organized H.P. Forensic Science Development Board, chaired by Hon'ble Chief Minister, H.P.

Sometimes, techniques of routine analysis do not help in solving forensic problems and then R&D is resorted to dig out the truth. Also, in an endeavor to have database, the R&D is undertaken. In addition, the reports of lab analysis and scene of occurrence examination deliver essential scientific inputs to give leads in the investigation of crime thereby saving man hours besides putting an investigation on the right track.

WORKING OF BIOLOGY AND SEROLOGY DIVISION

Examinations of the following types of evidentiary clues in different crime cases for identification and comparison:

- Blood, semen and saliva.
- Vomit, faecal matter.
- Tissues and skin in partially burnt bodies and in dowry deaths.
- Bone (Animal and Human) Age, sex and stature in respect of human bones.
- Superimposition for establishing identity from a skull and a lifetime photograph.
- Hair (animal & human)
- Feathers
- Maggots.
- Wood and Plant Products

Species of origin & ABO blood grouping tests are carried out more often than not in crime cases. However the laboratory has also got the expertise in rare blood groups and enzyme typing.

WORKING OF CHEMISTRY AND TOXICOLOGY DIVISION

The division is examining the clue materials pertaining to different crime cases in respect of:

- Chemical Identification of substances.
- Poisons of various types.
- Petroleum products residues in arson cases and dowry deaths.
- Determination of drunkenness from blood and urine.
- Acids and alkalis in personal injury cases.
- Grease, Wax, natural oils and resins.
- Trap case samples in bribery cases.

- Hooch tragedy cases.
- Cosmetics and organic dyes.

Use of insecticides and pesticides by farmers in the horticulture and on other crops is enormous in HP. That makes these poisons' easy accessibility to the common man and deaths occur by the use of these poisons. Consequently there is a heavy work load of toxicology cases in the State due to poisoning, and due to viscera being received for analysis in cases of accidental deaths. Its graph is on the increase with every passing year.

WORKING OF PHYSICS & BALLISTICS DIVISION

The division started receiving crime cases for examination in 1999. During the year, maximum number of cases pertained to Ballistics, cables/wires and fire related cases. The trend continued this year too. In Himachal Pradesh single barrel breach loading (SBBL) and single barrel muzzle loading (SBML) guns are in common use and as such maximum cases are received involving an examination of these types of firearms. In cases of fire in buildings, vehicles, an examination of electric wires is undertaken to ascertain possible cause either by short-circuiting or other wise to answer the queries of the investigation agencies. In addition, cables, soil, paint, glass, cut marks, tool-marks and foot/shoe-prints are examined for comparison. Also the examination of building materials is undertaken to ascertain the composition and ratio of ingredients used in the construction material.

This Division carried out following examinations during the year:

- Soil examination and comparison.
- Footprints, shoe prints & tyre marks
- Gun shot residues.
- Comparison of Wires.
- Paints and Glass.
- Tool marks.
- Firearms examination.
- Cartridge and bullets comparisons and firearm identification.
- Building Materials.

WORKING OF DOCUMENTS & PHOTOGRAPHY DIVISION

Document and Photography division started functioning from October 2000. Cases pertaining to analysis of handwriting, typewriting and computer typing, printed documents, alteration and addition, exercises especially mechanically erased documents, obliterated documents, indented documents, frauds, forgeries, fake currency and burnt documents were examined in the division. The division also carried out the work of examination of stamps and seals on the paper and wood -logs. The photography work was done inside the laboratory for the crime case exhibits and at the scenes of crime at different places. Efforts have been made in ink examination to establish nature of ink used in the writings. Following works were carried out by this division during the year:-

- Photography at scenes of crime.
- Indoor photography of exhibits.
- Photographic comparison.
- Photographic comparison for identification by superimposition.
- Examination of exhibits in respect of handwriting typewritten scripts, computer typed scripts, printing forgeries & frauds, security documents and completely soiled and burnt documents.
- Examination of stamps/seals.

- Examination of paper.
- Examination of exhibits pertaining to Cyber Forensics.

WORKING OF NARCOTICS & PSYCHOTROPIC DRUG SUBSTANCES DIVISION

The division started functioning in November 2006 and perhaps first of its kind in the northern part of the country being exclusively devoted to the analysis of NDPS substances. With the availability of facility, cases started pouring in from different parts of the state. The division is well equipped to undertake examination of the varied nature of psychotropic cases.

Following types of cases were examined:

- Opium
- Charas
- Bhang
- Ganja
- Heroin/Smack/Brown sugar
- Poppy straw (Husk)

Other psychotropic substances are given in the NDPS Act. However psychotropic substances generally encountered in the cases are given below and testing facilities for their analysis exist:

- Alprazolam
- Dextropropoxyphene hydrochloride
- Codein phosphate
- Dextropropoxyphene Napsylate
- Buprenorphine hydrochloride
- Diazepam

WORKING OF DNA DIVISION

The division became functional in 2009. The DNA division is actively involved in performing forensic DNA analysis to establish human identity. Various types of cases involving DNA profiling are being taken up for examination, which include establishment of paternity, murder, sexual assault, foeticide, establishing paternity of RPOC (Retained Product of Conception), identity establishment in cases where the dead-bodies have been exhumed after murder, and burglary. Various kinds of exhibits being routinely examined in the laboratory are:

- Blood stains on FTA paper.
- Blood stains on cloth, bed-linen, weapon of offence, pieces of glass-bottles, stone, soil, paper cuttings etc.
- Saliva stains on piece of mat, cigarette butts.
- Seminal stains on clothes.
- Retained product of conception (tissue and bone)
- Liquid blood samples.
- Saliva samples.

From the above biological source materials, DNA is first extracted and then quantified. Specific regions of DNA are then copied (multiplied) with multiples/Polymerase Chain

Reaction (PCR) to produce millions of copies for each DNA region of interest. The resulting PCR products are then separated and detected by capillary electrophoresis. The resulting profile is then compared to other samples.

ORGANISATIONAL CHART

STATE FORENSIC SCIENCE LABORATORY, HIMACHAL PRADESH, JUNGA- 171218

DIRECTOR-1

BIOLOGY & SEROLOGY DIVISION	CHEMISTRY & TOXICOLOGY DIVISION	OFFICE	PHYSICS & BALLISTICS DIVISION	DOCUMENTS & PHOTOGRAPHY DIVISION.	NDPS DIVISION	DNA PROFILING DIVISION
Asstt. Director-1	Asstt. Director-1	Superintendent. -1	Asstt. Director-1	Asstt. Director-1	Asstt. Director-1	Deputy Director -1
Scientific Officer -1	Scientific Officer-1	Sr. Assistant. -2	Scientific Officer-1	Scientific Officer-1	Scientific Officer-1	Asstt. Director-2
Scientific Asstt.-2	Scientific Asstt.-2	Jr. Scale Steno-2	Scientific Asstt.-1	Scientific Asstt.-1		Scientific Officer-2
Laboratory Asstt.-3	Laboratory Asstt.-3	Clerks-4	Laboratory Asstt.-2	Laboratory Asstt.-2		
Lab.Attendant-3	Lab.Attendant-3	Stenotypist-4	Lab.Attendant-2	Lab.Attendant-2		
		Computer -1				
		HC-1 (Guard)				
		Constable-4				
		Constable Driver-3				
		Peons-7				
		Mali-1				
		Sweeper-2				

ORGANISATIONAL CHART

REGIONAL FORENSIC SCIENCE LABORATORY DHARAMSHALA HIMACHAL PRADESH,

DEPUTY DIRECTOR-1

BIOLOGICAL SCIENCES DIVISION	CHEMICAL SCIENCES DIVISION	PHYSICAL SCIENCES DIVISION	MINISTERIAL STAFF.
Assistant.Director-1	Assistant Director-1	Assistant Director-1	Sr.Assistant-1
Scientific Officer-1	Scientific Officer-1	Scientific Officer -1	Clerk-1
Scientific Assistant-1	Scientific Assistant-1	Scientific Assistant-1	Jr.Scale Steno-1
Laboratory Assistant-1	Laboratory Assistant-1	Laboratory Assistant-1	Stenotypist-1
Laboratory Attendant-1	Laboratory Attendant-1	Laboratory Attendant-1	Peon-2
			Sweeper-1
			Constable Driver-1

ORGANISATIONAL CHART

REGIONAL FORENSIC SCIENCE LABORATORY MANDI HIMACHAL PRADESH

DEPUTY DIRECTOR-1

BIOLOGICAL SCIENCES DIVISION	CHEMICAL SCIENCES DIVISION	PHYSICAL SCIENCES DIVISION	MINISTERIAL STAFF
Assistant.Director-1	Assistant Director-1	Assistant Director-1	Sr.Assistant-1
Scientific Officer-1	Scientific Officer-1	Scientific Officer -1	Clerk-1
Scientific Assistant-1	Scientific Assistant-1	Scientific Assistant-1	Jr.Scale Steno-1
Laboratory Assistant-1	Laboratory Assistant-1	Laboratory Assistant-1	Stenotypist-1
Laboratory Attendant-1	Laboratory Attendant-1	Laboratory Attendant-1	Peon-2
			Sweeper-1
			Constable Driver-1

II. The powers and duties of its officers and employees:

Following are the duties of the officers/officials of the scientific staff of State Forensic Science Laboratory, HP, Junga:

1. Director

1. Examination, evaluation, comparison of clue materials and to submit scientific reports.

2. To testify or give evidence before Judicial/Semi-judicial/Inquiry authority as and when required.
3. Examination of scene of crime and submission of reports.
4. Research in Forensic Science and related fields.
5. Teaching and training of IOs/NGOs of Police Prosecution and Judiciary in Forensic Science.
6. Any other scientific and Administrative work assigned by the, senior officers /Government.

Besides above duties, he is the head of the Institution as well as Controlling Officer and has to perform duties related to it. He has to manage all the Scientific matters for the over all scientific development of the Institution for the incorporation of new technology.

2. Deputy Director

1. Examination, evaluation, comparison of clue materials and to submit scientific reports.
2. To testify or give evidence before Judicial/Semi-judicial/Inquiry authority as and when required.
3. Examination of scene of crime and submission of reports.
4. Research in Forensic Science and related fields.
5. Teaching and training of personnel's in Forensic Science and related fields.
6. He/she will be responsible for efficient working of the division(s) and expeditious disposal of work/cases pertaining to the division(s) by giving quality reports.
7. He/she will render all assistance to the D/FSL in updating and introducing new technologies in the division(s).
8. Any other work related to scientific or administrative nature assigned to him by the Director FSL/Government.

Besides above duties, he is required to assist the Director, FSL in the matters of scientific and administrative nature. He is the supervisory officer and Divisional Incharge of atleast two Divisions and has to guide the Scientists working under him. Management of Scientific and Administrative work has also to be looked after by him under the guidance of Director, State FSL, HP.

3. Assistant Director

1. Examination, evaluation, comparison of clue materials and to submit scientific reports.
2. To testify or give evidence before Judicial/Semi-judicial/Inquiry authority as and when required.
3. Examination of scene of crime and submission of reports.
4. Research in Forensic Science and related fields.
5. Teaching and training of personals in Forensic Science and related fields.
6. He/she will be responsible for efficient working of the division(s) and expeditious disposal of work/cases pertaining to the division(s) by giving quality reports.
7. He/she will render all assistance to the D/FSL in updating and introducing new technologies in the division.
8. Any other work assigned by senior officers/Govt.

He/she is Divisional Incharge of his/her division. He also supervises and guide the scientific and technical staff of his division concerned in Administrative and scientific matters.

4. Scientific Officer

1. Examination, evaluation, comparison of clue materials and to submit scientific reports.
2. To testify or give evidence before Judicial/Semi-judicial/Inquiry authority as and when required.
3. Examination of scene of crime and submission of reports.
4. Research in Forensic Science and related fields.
5. Teaching and training of personals in Forensic Science and related fields.
6. He/she will be responsible for efficient working of the division(s) and expeditious disposal of work/cases pertaining to the division(s) by giving quality reports.
7. He/she will render all assistance to the D/FSL in updating and introducing new technologies in the division.
8. Any other work assigned by senior officers/Govt.

He/she is also Incharge scientific unit of staff working under him /her and also has to guide and supervisor the Unit.

5. Scientific Assistant

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

6. Laboratory Assistant

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

7. Laboratory Attendant

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

III. The procedure followed in the decision making process, including channels of supervision and accountability.

The cases are examined by the teams of the experts in different divisions. The exhibits are examined as per scientific protocols in the manuals of different divisions of Forensic Science. The scientific and administrative work of the different divisions is supervised by the Assistant Directors; heads of the divisions and overall supervision of the scientific and administrative work is carried out by the Director, State Forensic Science Laboratory, Himachal Pradesh, Junga – 171218. The laboratory is functioning under the Administrative control of Home Department, Govt. of Himachal Pradesh. The exhibits for examination are received in sealed condition from the Investigating Agencies alongwith samples of seals used. After examination of the exhibits in the laboratory the remanants of the exhibits are sealed and returned to the Investigating Agency, which can be used for re-examination, if required. This is being done to keep transparency in the examination process. The reagents and chemicals used in testing are tested with negative as well as positive control samples so as to checkup the potency and validity of the reagents and chemicals. This avoids erroneous false positive or negative results. The tests are repeated twice to check the reproducibility of the results. After reproducible results have been obtained the reports are prepared accordingly and sent to the investigating agencies. Efforts have always been made to give the reports in the minimum possible time depending upon workload in different divisions. However, most of the cases are reported within a month or earlier.

IV. The norms set by it for the discharge of its functions.

The Directorate of Forensic Science, Ministry of Home Affairs, Govt. of India, has setup work norms for all the Central and State Forensic Science Laboratories in the country. The same are being followed in Himachal Pradesh, which are as under:

WORK NORMS OF FORENSIC SCIENCE LABORATORY AND GOVERNMENT EXAMINERS OF QUESTIONED DOCUMENTS.

Division	No. of cases/exhibits to be examined per year. (200 working days.)	Scope
Biology	750 cases with 4500 exhibits	Stain examination, routine microscopic examination, hair examination and routine botanical examination etc.
Serology	700 cases with 3200	Origin, Routine blood grouping, Iso-enzyme etc.

	exhibits	
DNA	150 cases with 750 exhibits	DNA Analysis, superimposition, anthropological examination, food poisoning etc.
Toxicology	450 cases with 1200 exhibit	Extraction, detection and identification of poisoning in body tissues, detection and estimation of blood drug level in clinical toxicological cases, detection and identification of poisons in suspected poisonous samples.
Chemistry	300 cases with 800 exhibits	Arson, Petroleum products, General Analysis of Chemical substances
Liquor (Chemistry)	4000 cases with 8000 exhibits	Chemical/Instrumental Analysis of Liquor samples with respect to qualitative and quantitative estimation of ethyl alcohol and all other related substances.
Narcotics	4000 cases with 1200 exhibits	Analysis of narcotics and psychotropic substances.
Explosives	300 cases with 1200 exhibits	Analysis of Post Blast explosive residues, unexploded explosive material, identification of pyro-techniques etc.
Ballistics	200 cases with 750 exhibits	Firearm and ammunition identification, bullet examination, range of firing, time of firing, GSR residue analysis etc.
Physics	200 cases with 750 exhibits	Physical examination of trace elements like physical measurements, trace element profile, tool marks, deciphering, building materials, fiber and fabrics, glass/plastics, voice analysis, fake currency, counterfeit coins, broken objects.
Questioned Documents	240 cases with 12000 exhibits	Forensic Examination of documents including examination of signatures, writings, stamp impression, typewriting, printed matter, erasures, addition/obliteration, currency note, lottery tickets etc.
Photography	20,000 prints.	In-door and outdoor photography, micro and macro photography, videography, digital photography, invisible/ visible photography, development of films etc in addition to this other supporting photography techniques will also be handled.
Psychology	200 subjects/ exhibits	Lie detection examination, psychoanalysis examination, psychological assessment, Narco analysis and voice stress analysis etc.

V. The rules, regulations, instructions, manuals and records, held by it or under its control or used by its employees for discharging its functions:

The Directorate of Forensic Sciences, Ministry of Home Affairs, Govt. of India has prepared and published laboratory procedure manual in various discipline of Forensic Science in the year-2005. These manuals have been circulated to all the State and Central Laboratory in the India so as to have uniformity in examination and reports. We are following the same laboratory manual procedures alongwith other published protocols in Forensic Sciences in the State Forensic Science Laboratory in HP.

- i.) **Forensic Biology Manual:-** It gives the protocols for the examination of:-
- Examination of blood and blood stains.
 - Examination of other fluids and the stains.
 - Hair and fibre Examination.
 - Histological examination of tissues.
 - Identification of foodstuffs and stains.
 - Analysis of paper.
 - Poisonous plants.
 - Identification of wood.
 - Plants and their derivatives.
- ii.) **Forensic Serology Manual: -** It contains the protocols for the search, sampling and storage procedure of serological samples, procedure for species of origin test, alongwith blood grouping, Isogyne and paternity testing and the statistical methods for the calculation of Gene frequency and paternity index.
Note:- For Biological and Serological examinations Methods Manual of Metropolitan Police Forensic Science. Biology Laboratory, London is also consulted.
- iii.) **Forensic Chemistry Manual: -** It gives the protocols for the examination of cement, mortar, concrete fires and arson scene residues.
- Oil and fats.
 - Analysis of gold and other metals in cheating cases.
 - Acid and alkalies.
 - Examination of chemicals used in trap cases.
 - Analysis in liquors/ drinks.
 - Soaps and detergent and other miscellaneous items.
- Manual of petroleum products-**It gives the protocol for the examination of petroleum products.
- Motor gasoline/motor spirit/petrol.
 - Kerosene / super kerosene oil (SKO).
 - Diesel (light diesel oil and high speed diesel),
 - Aviation turbine fuel (ATF Kerosene).
 - Engine lubricating oils.
 - Grease.
 - Furnace oils.
 - It contains the methods for the analysis of poisons and poisoning isolation and purification of poisons.
 - Analysis of inorganic poison (cations and anions)
 - Analysis of natural poison (organic non-volatiles)
 - Analysis of acidic (organic non-volatiles poisons/drugs).
 - Analysis of miscellaneous substances.
 - Instrumental analysis in Toxicology.
- iv.) **Forensic Physics Manual: -** It gives the procedure for the examination of foot/foot wear/tyres impressions.
- Feature of Tool Marks.
 - Examination of Tampered electronic energy meters.
 - Identification of cameras from film negatives.

- Examination of paint.
- Examination of identification marks.
- Examination of glass fragments voice analysis.
- Examination of soil samples.
- Examination of concrete.
- Forensic Fiber Examination.
- Examination of broken objects.
- Forensic Examination of Electrical cables/ wires.
- Forensic Examination of papers.

v.) **Forensic Ballistics Manual:** - This manual contains the general procedure for the receipt opening, marking, examination and reporting procedures of the Forensic Ballistics exhibits. The examination procedures on the following aspects are contained in the manual along with requirements and safety aspects. The examination procedures have been prescribed for :-

- Barrel wash examination.
- Examination of firearm or parts, thereof manufacturing tool.
- Examination of firearm, prone to accidental discharge.
- Identification of firearm type, and model.
- Examination of firearm, whether its parts tempered with.
- Restoration of Erased marking on firearm.
- Examination of ammunition or parts thereof / manufacturing Tools.
- Identification of ammunition/ parts thereof for type, make, and caliber.
- Identification of Bullet/ slug / parts thereof.
- Identification of shots and pellets.
- Identification of wads/ wad pieces.
- Identification of propellant change.
- Linkage of fired/ misfired cartridge.
- Linkage of Fired Bullet/ Bullet Fragments with Rifled firearm.
- Bullets/ Pallets/ wad whether fired or not.
- Examination of Target involved in shooting.
- Measurement of wound ballistic parameters.
- Chemical tests.
- Test firing.
- Test specimen.
- Automatic examination and comparison of fired bullets/ cartridge cases and creation of a national Database.

vi.) **Forensic Document examination Manual:-** It gives the general principles of identification: _

- Basis of Handwriting identification.
- Detection of forgery and fixing the authorship of forged signatures.
- Examination type -script.
- Determination of Sequence of strokes in Forensic Document Problems.
- Examination of other physical evidences like folds and creases, staples; alpin marks etc.
- Identification of printed matter, computer print-outs and other Mechanical impressions.
- Examination of credit cards and travel documents.
- Forensic Examination of writing materials i.e. inks and paper.
- Indentations, alterations, erasures, additions, substitution and obliteration in Forensic Documents.

- List of standard reference books and journals in Forensic Documents containing the methods and techniques of analysis as applicable in forensic Documents.

Laboratory Procedure Manuals: For examination of counterfeit or forged currency/ bank notes and other related exhibits -2004. The instructions for IOs for forwarding of cases.

- Report case in the laboratory.
- Laboratory Examination.
- Examination of security features.
- Instrumental techniques.
- Case opening sheet.
- Work/observation sheet.
- Examination report programme.

vii.) Forensic photography: - It is done by Forensic methods published in the scientific literature Indoor photography for recording the forensic findings in the laboratory and out door photography at the scenes of crime is done to record the forensic evidence present at the SOC. The negatives of the photographs are taken and preserved in the case files of the laboratory. The photographs are submitted to the courts of law whenever required.

viii.) DNA Examination manual: - This manual contains the general procedure for the receipt, opening, marking, examination and reporting procedures of the DNA exhibits. The examination procedures on the following aspects are contained in the manual alongwith requirements and safety aspects:

- DNA isolation from Biospecimen.
- Quantitation of DNA.
- STR Typing by Automated DNA sequencer.
- Mitochondrial DNA Analysis.
- Y – STR Analysis.
- Identification of Wildlife Species.
- Statistical Analysis.
- Quality Assurance Standards.
- Reagent Preparation.

ix.) Narcotic Drugs & Psychotropic Substances: - This manual contains the genera, procedure for the receipt, opening, marking, examination and reporting procedures of the NDPS exhibits. The examination procedures on the following aspects are contained in the manual alongwith requirements and safety aspects

- Identification and examination of:-
 - Opium/crude morphine/poppy straw.
 - Diacetyl morphine/Heroin/Smack/Brown Sugar.
 - Cannabis
 - Methaqualone/Mecloqualone.
 - Amphetamines/Methamphetamines.
 - Barbiturates/barbiturate Derivatives.
 - Benzodiazepines.
 - Mescaline.
 - Psilocin/Psilocybin.

- Lysergide (LSD)
- Miscellaneous drugs.

VI. A statement of the categories of documents that are held by it or under its control.

1. Administrative files
2. Accounts files
3. Crime case files.

VII. The particulars of any arrangement that exists for consultation with, or representation by, the members of the public in relation to the formulation of its policy or implementation thereof.

Not applicable to the State Forensic Science Laboratory, Himachal Pradesh as public has no direct access to the office; rather crime matters are referred by the Police to this office.

VIII. A statement of the boards, councils, committees and other bodies consisting of two or more persons constituted as its part or for the purpose of its advice, and as to whether meetings of those boards, councils, committees and other bodies are open to the public, or the minutes of such meetings are accessible for public.

Himachal Pradesh Forensic Science Development Board was constituted vide Govt. of H.P. Notification No. Home (A)B(12)3/94 dated 09/12/2005. The terms of references are as under:

Government of Himachal Pradesh

“Home Department”

No. Home(A)B(12)3/94

Dated 09/12/2005 Shimla 171002

NOTIFICATION

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

- | | |
|---|-----------------|
| 1. Hon’ble Chief Minister, Himachal Pradesh. | Chairman |
| 2. Chief Secretary to the Govt. of H.P. | Vice-Chairman |
| 3. Advocate General, Himachal Pradesh, Shimla. | Member |
| 4. Addl. Chief Secretary/Pr.Secretary (Finance) to the Govt. of Himachal Pradesh. | Member |
| 5. Pr. Secretary (Home) to the Govt. of H.P. | Member |
| 6. Director General of Police, Himachal Pradesh. | Member |
| 7. Director -cum—Chief Forensic Scientist, Directorate of Forensic Science, MHA, GOI, New Delhi or Regional Forensic Science Lab. Chandigarh. | Member |
| 8. Director, Vigilance, Himachal Pradesh. | Member |

9. Director, Prosecution Govt.of Himachal Pradesh.	Member
10. Director, State Forensic Science Lab. H.P.	Member Secretary
11. Addl. Director General (APT), H.P.Shimla.	Member
12. Professor & Head, Deptt. Of Forensic Medicine, IGMC, Shimla.	Member

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

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

Terms of reference :

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

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

BY ORDER

Chief Secretary to the
Government of Himachal Pradesh

Government of Himachal Pradesh
“Home Department”

No.Home-C(C)14-1/2005

Dated: Shimla-2 the 13/3/2007

NOTIFICATION

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

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

BY ORDER

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

IX. Directory of its officers and officials.**STATE FSL H.P. JUNGA****OFFICERS**

S. No.	Name & Designation	Date of Birth	Date of Apptt.	Date of Promotion	Qualification	Departmental Examination	Category	Home Distt.
1.	Dr. J. R. Gaur, Director	15.8.1954	27.06.1978	07.01.1998	M.Sc. Ph.D. (Physical Anthropology)	Passed	General	Karnal (Haryana)
2.	Dr. B. R. Rawat, Assistant Director	16.7.1955	14.01.1991 F.N	13.08.1998	M.Sc.M.Phil, Ph.D (Chemistry)	-do-	General	Mandi
3.	Dr. M eenakshi Mahajan, Assistant Director	23.12.1970	13.06.2000 A.N	-	MSc., M.Phil, Ph.D. (Chemistry)	-do-	General	Kangra
4.	Dr. Gian Chand, Assistant Director	11.11.1963	29.10.1990	11.07.2008	M.Sc.,M.Phil (Botany)	-do-	General	Kullu
5.	Dr. Aparna Sharma Assistant Director	11.08.1972	01.05.2009	-	M.Sc. Ph.D.	-	General	Solan
6.	Dr. Vivek Sahajpal Assistant Director	30.11.1977	23.01.2010	-	M.Sc. Ph.D.	-	General	Bilaspur
7.	Sh. Kapil Sharma Assistant Director	30.04.1978	09.01.2009	-	M.Sc. Chemistry	-	General	Kangra
8.	Sh.Chaman Lal Scientific Officer	30.04.1958	17.06.1991	12.06.2008	M.Sc. Bio Chemistry	-	General	Kangra
9.	Sh.Nasib Singh, Scientific Officer	07.06.1969	01.07.1999 F.N	12.06.2008	M.Sc. Maths B.Ed, PG Diploma in Ballistics	-	General	Kangra
10.	Sh. Jagjeet Singh Scientific Officer	01.01.1980	04.09.2009	-	M.Sc. PGDCA, B.Ed.	-	General	Bathinda (Punjab)
11.	Dr. Neelam Kumari Scientific Officer	12.04.1979	28.10.2010	-	Ph.D Biotechnology	-	SC	Hamirpur
12.	Smt. Ayesha Patial Scientific Officer	27.01.1977	02.11.2010	-	M.Sc. Microbiology	-	General	Kangra

OFFICIALS

S. No.	Name & Designation	Date of Birth	Date of Apptt.	Date of Promotion	Qualification	Departmental Examinations	Category	Home District
1.	Sh. Hari Krishan, Scientific Assistant	24.03.1973	18.5.1999 as Lab Asstt	22.11.2004	B.Sc.(Medical)	-	General	Kullu
2.	Sh.Ravinder Attri,	15.03.1975	10.05.1999	10.10.2007	B.Sc (Non-	-	General	Solan

	Scientific Assistant			as SA	medical)			
3.	Sh.Rakesh Kumar, Scientific Assistant	19.04.1972	11.03.2002	-	B.Sc.(Medical)	-	General	Hamirpur
4.	Sh. Rajat Chaudhary Scientific Assistant	07.01.1985	09.04.2010	-	M.Sc. (Forensic Science)	-	OBC	Kanga
5.	Sh. Sanjeev Singh Scientific Assistant	22.12.1977	29.07.2010	-	M.Sc. (Physics)	-	General	Kangra
6.	Sh. Ajay Singh Rana Scientific Assistant	09.01.1985	03.08.2010	-	M.Sc. (Botany)	-	General	Hamirpur
7.	Sh. Madan Gopal, Lab. Assistant	24.07.1968	06.01.1990 as Lab Attd.	21.08.2004 as Lab Asstt	+2 Pass	-	General	Shimla
8.	Sh.Santosh Singh, Lab. Assistant	10.07.1966	06.01.1990	-	Matric	-	S.C	Shimla
9.	Smt. Nisha Devi Lab. Assistant	01.01.1982	09.04.2010	-	M.Sc. (Microbiology)	-	General	Mandi
10.	Sh. Hitesh Singh Lab. Assistant	31.08.1986	09.04.2010	-	M.Sc. Biotechnology	-	General	Mandi
11.	Sh. Suneel Kumar Lab. Assistant	20.01.1980	12.04.2010	-	B.Sc. Biotechnology	-	General	Mandi
12.	Ms. Sarita Gupta Lab. Assistant	02.10.1978	29.07.2010	-	B.Sc. (Medical)	-	General	Sirmour
13.	Sh. Naresh Kumar Lab. Assistant	26.01.1980	29.07.2010	-	M.Sc.	-	OBC	Una
14.	Sh. Satya Prakash Lab. Assistant	05.11.1979	30.07.2010	-	B.Sc, MBA	-	General	Shimla
15.	Sh. Heera Nand Lab. Assistant	19.02.1978	10.11.2010	-	B.Sc.	-	SC	Solan
16.	Sh.Brij Lal, Lab. Attendant	10.10.1964	03.01.1990	-	+2 Pass	-	General	Kangra
17.	Sh. Padam Nabh, Lab.Attendant	04.04.1966	12.12.1997	-	8th Pass	-	General	Mandi
18.	Sh.Chander Lal, Lab. Attendant	02.03.1963	28.03.1998	-	Matric	-	General	Shimla
19.	Sh. Prem Kumar, Lab. Attendant	15.02.1972	26.08.2000	-	9 th Pass	-	General	Shimla
20.	Sh. Devender Lab. Attendant	15.03.1968	08.10.2007	-	Matric	-	General	Shimla
21.	Sh. O.P. Gautam , Supdt. Gd-11	18.09.1954	04.11.1980	02.03.2009 as Supdt.	Matric	-	General	Shimla
22.	Sh. Hari Chand, Sr.Assistant	15.12.1961	03.02.1983	5.10.1994	Matric	-	General	Shimla
23.	Sh. Narinder Singh, Sr.Assistant	5.10.1962	14.6.1985	30.08.2001	B.A	-	General	Solan
24.	Sh. Mahesh Kumar, Jr.Assistant	08.04.1971	01.06.1994	-	BA Part -II	-	General	Shimla
25.	Sh. Chaman Lal, Clerk	24.10.1975	11.02.1997	-	Matric	-	General	Bilaspur
26.	Smt. Sulakshana	04.01.1977	02.12.1997	-	Matric	-	OBC	Hamirpur

	Rani. Clerk							
27.	Sh. Jasmer Singh Jr. Scale Steno	01.11.1966	12.11.1986 18.05.2007	Matric	-	General	Hamirpur	
28.	Sh. Rattan Lal Jr. Scale Steno	11.01.1962	14.04.1987 26.09.2008	Hr. Secondary	-	SC	Bilaspur	
29.	Sh. Dinesh Kumar Computer	06.12.1973	2.12.2002 -	B.Sc. B.Ed. PGDCA, CIC DCSM	-	General	Mandi	
30.	Smt. Shimlo Devi Stenotypist	26.02.1977	11.02.1997 -	+2	-	General	Bilaspur	
31.	Sh. Mahinder Singh, Stenotypist	10.10.1971	18.05.1995 -	Matric	-	SC	Una	
32.	Sh. Dhani Ram Peon	04.02.1958	29.12.1989 -	Middle	-	S.C	Solan	
33.	Sh. Hem Chand, Peon	08.06.1956	13.10.1989 -	Middle	-	General	Shimla	
34.	Sh. Roop Lal, Peon	10.03.1967	17.10.1989 -	Matric	-	General	Bilaspur	
35.	Sh. Sarbjeet Singh Peon	04.06.1964	08.08.1995 -	9 th Pass	-	General	Una	
36.	Smt. Chinta Devi Peon	01.08.1958	20.05.1996 -	Illiterate	-	General	Bilaspur	
37.	Sh. Baljeet Singh Peon	16.12.1972	06.08.1997 -	Middle	-	General	Hamirpur	
38.	Sh. Shish Kumar Peon	20.04.1976	10.09.1997 -	Middle	-	S.C	Kullu	
39.	Smt. Binta Devi Mali	01.03.1970	26.08.1997 -	4 th Pass	-	S.C	Shimla	
40.	Sh. Shiv Charan Sweeper	01.04.1959	10.12.1980 -	4 th Pass	-	S.C	Shimla	
41.	Smt Kamla Devi Sweeper	13.01.1969	24.11.2006 -	Illiterate	-	SC	Shimla	
42.	HHC/Driver Tara Chand	12.09.1956	25.02.1984 -	Matric	RTC, First Aid Trg. Course, D&M Course	General	Shimla	
43.	Const./Driver Jagat Ram	15.04.1969	01.04.1998 -	Matric	1. RTC	S.C	Bilaspur	
44.	HHC./Driver Sukh Dev	10.02.1958	27.02.1996 -	Middle Pass	1. RTC	S.C	Una	
45.	HC Anil Kumar	26.04.1974	21.03.1998 21.01.2007 as HC	BA	Lower Pass	SC	Sirmour	
46.	C. Desh Raj	18.04.1962	16.12.2008 -	Madhyama Visharad (Dwitiya Khand)	RTC	General	Hamirpur	
47.	C. Pradeep Kumar	15.06.1974	16.12.2008 -	10+2	RTC	General	Hamirpur	
48.	C. Khushvinder Singh Negi	06.10.1984	01.07.2008 -	BA	RTC	ST	Kinnaur	
49.	C. Kamaljeet	26.08.1983	06.11.2008 -	10+2	RTC	General	Hamirpur	

REGIONAL FSL DHARAMSHALA.

OFFICERS

S. No.	Name & Designation	Date of Birth	Date of Apptt.	Date of Promotion	Qualification	Departmental Examinations	Category	Home Distt.
1.	Dr. Arun Sharma, Deputy Director	31.3.1963	30.08.1991 F.N	02.06.2008	M.Sc., Ph.D (Forensic Science)	Passed	General	Mandi
2.	Sh. Visheshwar Sharma, Assistant Director	02.07.1965	31.05.1991	08.07.2008	B.Sc., A.I.C. (Chemistry)	-do-	General	Shimla
3.	Dr. Neeti Prakash Assistant Director	10.07.1976	04.07.2009	-	M.Sc. Ph.D. Forensic Science	-	General	Sagar, M.P.
4.	Dr. Surender Kumar Pal Assistant Director	10.05.1969	26.10.2010	-	M.Sc. (Hons) Ph.D. (Physical Anthropology), MA (English), PGJMC, Diploma in Translation	-	General	Solan
5.	Sh. Ajay Kumar, Scientific Officer	06.04.1971	31.03.1998 FN	12.06.2008	M.Sc. (Botany) B.Ed.	-	General	Hamirpur
6.	Sh. Mam Raj, Scientific Officer	10.05.1973	20.05.1999	12.06.2008	M.Sc. Mathematics	-	OBC	Sirmaur
7.	Dr. Vijay Kumar Scientific Officer	02.08.1981	30.10.2010	-	M.S. (Pharm), Ph.D. (Pharmaceutical Analysis)	-	General	Bilaspur

OFFICIALS

S. No.	Name & Designation	Date of Birth	Date of Apptt.	Date of Promotion	Qualification	Departmental Qualification	Category	Home District
1.	Sh.Rajesh Kumar, Scientific Assistant	25.08.1968	19.05.1999	10.10.2007 as S.A	B.Sc., PG Diploma in Instrumentation , A.I.C. (Chemistry)	-	General	Bilaspur
2.	Sh.Jaswant Singh, Scientific Assistant	02.03.1978	11.02.2002	10.10.2007 as S.A	M.Sc. Maths	-	S.C	Una
3.	Sh. Bir Bahadur Scientific Assistant	11.02.1981	30.07.2010	-	M.Sc. (Zoology), B.Ed.	-	SC	Mandi
4.	Smt Poonam Sharma Lab. Assistant	11.01.1983	30.07.2010	-	M.Sc. (Botany), B.Ed.	-	General	Hamirpur
5.	Sh. Upender Lab. Assistant	19.07.1976	31.07.2010	-	M.Sc. (Physics), B.Ed.	-	General	Kangra
6.	Sh. Jasmir Singh,	08.03.1969	28.02.1990	-	+2 Pass	-	OBC	Kangra

	Lab Attendant							
7.	Sh. Nand Lal, Lab.Attendant	10.03.1972	06.09.2000	-	9th Pass	-	S.T	Chamba
8.	Smt. Suman Lata Sr. Assistant	10.02.1962	09.02.1985	24.11.2003	Matric	-	General	Una
9.	Sh. Surinder Bakshi Clerk	02.10.1958	08.07.2009 At FSL	-	B.A.	-	General	Kangra
10.	Sh. Kanshi Ram Peon	11.07.1974	09.10.2007	-	10_2 Arts	-	General	Mandi
11.	Sh. Hari Singh Peon	08.03.1967	09.10.2007	-	Under Matric	-	General	Mandi
12.	Smt. Shakuntla Sweeper	04.02.1956	15.05.1998 At SFSL 21.06.2009	-	Illiterate	-	SC	Solan

REGIONAL FSL MANDI

OFFICERS

S. No.	Name & Designation	Date of Birth	Date of Apptt.	Date of Promotion	Qualification	Departmental Examinations	Category	Home Distt.
1.	Dr. Rajesh Verma, Deputy Director	06.10.1965	22.02.2000 F.N	13.01.2011	MSc, Ph.D (Physics)	Passed	General	Mandi
2.	Dr. Vijay Singh, Assistant Director	16.07.1963	30.8.1990FN	11.07.2008	MSc,MPhil,PhD (Chemistry)	-do-	General	Mandi
3.	Sh. Rajesh Kumar, Assistant Director	09.10.1969	03.02.1999	10.12.2008	MSc.M. Phil. (Physics)	-do-	General	Hamirpur
4.	Sh. Tek Chand Assistant Director	10.03.1965	27.10.2010	-	M.Sc. (Botany) M.Tech (Applied Botany)	-	General	Mandi
5.	Sh. Naresh Sharma Scientific Officer	31.03.1979	27/10/2010	-	M.Sc. Ph.D. (Microbiology)	-	General	Hamirpur
6.	Dr. Dipti Garg Scientific Officer	29.12.1981	02.11.2010	-	M.Sc. (Honour School), Ph.D. Chemistry	-	General	Solan

OFFICIALS

S. No.	Name & Designation	Date of Birth	Date of Apptt.	Date of Promotion	Qualification	Departmental Examinations	Category	Home District
1.	Sh. Lakshmi Dutt Scientific Assistant	10.08.1969	18.05.1999 as Lab.Asstt.	20.03.2002 direct S.A	B.Sc (Non-medical).	-	SC	Solan
2.	Sh. Dev Raj, Scientific Assistant	02.07.1973	17.05.1999	10.10.2007 as S.A	B.Sc.(Medical)	-	S.C	Bilaspur
3.	Sh. Chander Kant, Scientific Asstt.	01.10.1974	19.04.2002	10.10.2007 as S.A	B.Sc. (Non- medical)	-	General	Mandi
4.	Sh. Ram Singh	22.0-9.2983	16.04.2010	-	M.Sc. M.Phil	-	OBC	Kangra

	Lab. Assistant				Biotechnology			
5.	Sh. Lok Raj, Laboratory Attendant	15.01.1970	22.01.1998	-	Matric	-	General	Mandi
6.	Sh. Sanal Kumar Clerk	10.06.1966	01.04.1999	-	Matric	-	General	Kullu
7.	Sh. Paras Ram Peon	07.10.1969	10.10.2007	-	Matric	-	SC	Mandi
8.	Sh. Jai Chand Peon	11.03.1965	03.09.2007	-	Ninth Pass	-	General	Mandi
9.	Sh. Shyam Lal Sweeper	05.06.1967	08.09.1994	-	-	-	SC	Lalru Mandi (Punjab)

X. The monthly remuneration received by each of its officers and employees, including the system of compensation as provided in its regulations.

Statement Showing the Names and Designation of State F.S.L , H.P. and Regional Forensic Science Laboratories at Mandi and Dharmshala employees along with pay scale and total emoluments.

STATE FSL H.P. JUNGA

Sr. No.	Name & Designation	Pay Scale	Grade Pay	Total Emoluments
1.	Dr. J.R. Gaur, Director	37400-67000	8800	88,839
2.	Dr. B. R. Rawat, Assistant Director	15600-39100	7600	53,689
3.	Dr. Meenakshi Mahajan, Asstt. Director	15600-39100	7600	51,047
4.	Dr. Gian Chand, Assistant Director	15600-39100	6600	41,695
5.	Dr. Aparna Sharma, Assistant Director	15600-39100	6600	37,915
6.	Dr. Vivek Sahajpal, Assistant Director	15600-39100	6600	37,915
7.	Sh. Kapil Sharma, Assistant Director	15600-39100	6600	36,813
8.	Sh. Chaman Lal, Scientific Officer	10300-34800	4400	35,097
9.	Sh. Nasib Singh, Scientific Officer	10300-34800	4400	29,012
10.	Sh. Jagjeet Singh, Scientific Officer	10300-34800	4400	26,228
11.	Dr. Neelam Kumari, Scientific Officer	10300-34800	4400	25,684
12.	Smt. Ayesha Patial, Scientific Officer	10300-34800	4400	25,459
13.	Sh. Hari Krishan, S. A.	10300-34800	3800	25,597
14.	Sh. Ravinder Attri, S.A.	10300-34800	3800	23,528
15.	Sh. Rakesh Kumar, S.A.	10300-34800	3800	22,846
16.	Sh. Rajat Chaudhary, S.A.	10300-34800	3800	21,356
17.	Sh. Sanjeev Singh, S.A.	10300-34800	3800	21,356
18.	Sh. Ajay Singh Rana, S.A.	10300-34800	3800	21,556
19.	Sh. Madan Gopal, L.A.	5910-20200	2400	18,657

20.	Sh. Santosh Singh, L.A	5910-20200	2400	18,543
21.	Smt. Nisha Devi, L.A.	5910-20200	2400	14,676
22.	Sh. Hitesh Singh, L.A.	5910-20200	2400	14,676
23.	Sh. Suneel Kumar, L.A.	5910-20200	2400	14,676
24.	Ms. Sarita Gupta, L.A.	5910-20200	2400	14,676
25.	Sh. Naresh Kumar, L.A.	5910-20200	2400	14,676
26.	Sh. Satya Prakash, L.A.	5910-20200	2400	14,676
27.	Sh. Heera Nand, L.A.	5910-20200	2400	14,676
28.	Sh. Brij Lal, Lab. Attd.	5910-20200	1900	18,093
29.	Sh. Padam Nabh, -do-	5910-20200	1900	15,456
30.	Sh. Dina Nath, -do-	5910-20200	1900	15,572
31.	Sh. Chander Lal, -do-	5910-20200	1900	15,572
32.	Sh. Prem Kumar, -do-	5910-20200	1900	14,512
33.	Sh. Devender Singh, Lab. Attd.	4900-10680	1600	11,650
34.	Sh. Om Prakash Gautam, Office Supdt.	10300-34800	4200	42,086
35.	Sh. Hari Chand, Sr. Asstt.	10300-34800	4200	33,032
36.	Sh. Narinder Singh, -do-	10300-34800	3800	29,450
37.	Sh. Mahesh Kumar, Jr. Asstt.	5910-20200	2800	20,718
38.	Sh. Chaman Lal, Clerk	5910-20200	1950	17,454
39.	Smt. Sulakshana Rani, -do-	5910-20200	1950	16,946
40.	Sh. Jasmer Singh, Jr. Scale Steno	5910-20200	2800	24,535
41.	Sh. Rattan Chand, Jr. Scale Steno	5910-20200	2800	24,698
42.	Smt. Shimlo Devi, Steno	5910-20200	2400	18,296
43.	Sh. Mahinder Singh, Steno	5910-20200	2000	13,727
44.	Sh. Dinesh Kumar, Computer	5910-20200	1900	14,541
45.	H. C. Anil Kumar	5910-20200	2400	18,896
46.	HHC/Dvr. Tara Chand	5910-20200	1950	24,958
47.	HHC/Dvr. Sukhdev Singh	5910-20200	1950	26,700
48.	Const. Dvr. Jagat Ram	5910-20200	1950	22,466
49.	Const. Desh Raj	5910-20200	1900	12,385
50.	Const. Pradeep Kumar	5910-20200	1900	12,385
51.	Const. Khushvinder Singh Negi	5910-20200	1900	12,385
52.	Const. Kamaljeet	5910-20200	1900	12,385
53.	Sh. Hem Chand, Peon	4900-10680	1400	16,094
54.	Sh. Roop Lal, Peon	4900-10680	1400	16,194
55.	Sh. Dhani Ram, Peon	4900-10680	1400	16,194
56.	Sh. Sarbjeet Singh, Peon	4900-10680	1400	14,765

57.	Smt. Chinta Devi, Peon	4900-10680	1400	14,373
58.	Sh. Baljeet Singh, Peon	4900-10680	1400	13,875
59.	Sh. Shish Kumar, Peon	4900-10680	1400	14,025
60.	Sh. Shiv Charan, Sweeper	4900-10680	1400	18,715
61.	Smt. Binta Devi, Mali	4900-10680	1400	14,025
62.	Smt. Kamala Devi, Sweeper	On Part Time Basis	-	1984

RFSL, DHARMASHALA

Sr. No.	Name & Designation	Pay Scale	Grade Pay	Total Emoluments
1.	Dr. Arun Sharma, Deputy Director	15600-39100	7600	57,571
2.	Dr. Visheshwar Sharma, Asstt. Director	15600-39100	6600	41,460
3.	Dr. Neeti Prakash, Assistant Director	15600-39100	6600	40,025
4.	Dr. Surender Kumar Pal, Assistant Director	15600-39100	6600	38,878
5.	Sh. Ajay Kumar, Scientific Officer	10300-34800	4400	33,754
6.	Sh. Mam Raj, Scientific Officer	10300-34800	4400	29,974
7.	Dr. Vijay Kumar, Scientific Officer	10300-34800	4400	26,904
8.	Sh. Rajesh Kumar Jamwal, S.A.	10300-34800	3800	24,635
9.	Sh. Jaswant Singh, S.A.	10300-34800	3800	24,653
10.	Sh. Bir Bahadur, S.A.	10300-34800	3800	22,581
11.	Smt. Poonam Sharma, LA	5910-20200	2400	15,369
12.	Sh. Upender, LA	5910-20200	2400	15,369
13.	Sh. Jasmir Singh, Lab Attd	5910-20200	1900	19,121
14.	Sh. Nand Lal, Lab Attd	5910-20200	1900	15,242
15.	Smt. Suman Lata, Sr. Assistant	10300-34800	3800	27,128
16.	Sh. Surinder Kumar Bakshi, Clerk	5910-20200	1950	17,246
17.	Sh. Kanshi Ram, Peon	4910-10680	1300	10,843
18.	Sh. Hari Singh, Peon	4910-10680	1300	10,843
19.	Smt. Shakuntla Devi, Sweeper	4900-10680	1400	17,143

RFSL, MANDI

Sr. No.	Name & Designation	Pay Scale	Grade Pay	Total Emoluments
1.	Dr. Rajesh Verma, Deputy Director	15600-39100	7600	51,247
2.	Dr. Vijay Singh, Assistant Director	15600-39100	6600	41,895
3.	Sh. Rajesh Kumar, Assistant Director	15600-39100	6600	39,792

4.	Sh. Tek Chand, Assistant Director	15600-39100	6600	37,313
5.	Sh. Naresh Sharma, Scientific Officer	10300-34800	4400	25,809
6.	Dr. Dipti Garg, Scientific Officer	10300-34800	4400	25,809
7.	Sh. Laxmi Dutt, S.A.	10300-34800	3800	27,796
8.	Sh. Dev Raj, S.A.	10300-34800	3800	23,628
9.	Sh. Chander Kant, S.A.	10300-34800	3800	23,628
10.	Sh. Ram Singh, L.A.	5910-20200	2400	14,726
11.	Sh. Lok Raj, L. Attd.	5910-20200	1650	14,204
12.	Sh. Sanal Kumar, Clerk	3120-6200 (Pre-revised)	-	13,063
13.	Sh. Paras Ram, Peon	2620-4140 (Pre-revised)	-	8,634
14.	Sh. Jai Chand, Peon	2620-4140 (Pre-revised)	-	8,634
15.	Sh. Shayam Lal, Sweeper	4910-10680	1400	14,339

XI. The budget allocated to each of its agency, indicating the particulars of all plans, proposed expenditures and reports on disbursements made.

HOME DEPARTMENT

HIMACHAL PRADESH

Statement showing the allotment of budget for the year 2010-2011 under head "2055-Police-116-Forensic Science-01-State Forensic Science Laboratory" (SOON) (Non-Plan)

(Demand No. 7)

Figures in Rupees

STATE FORENSIC SCIENCE LABORATORY AND IT'S REGIONAL FSLs

Object Code/SOE	Sanctioned Budget + Additionality	State FSL H.P. Junga	RFSL Dharamshala	RFSL Mandi
01-Salary	1,81,36,000	1,13,36,000	38,00,000	30,00,000
02-Wages	2,00,000	25,000	87,500	87,500
03-Travel Expenses	4,00,000	2,00,000	1,30,000	70,000
05-Office Expenses	1,1,00,000	8,22,000	1,43,000	1,35,000
06-Medical Re-Imbursement	2,98,000	2,38,000	35,000	25,000
07- Rent, Rate & Taxes	2,96,000	0	1,47,600	1,48,400
09-Advertising & Publicity	48,000	48,000	0	0
10-Hospitality & Entertainment	8,000	6,000	1,000	1,000
15-Training	1,58,000	1,58,000	0	0
30-Motor Vehicle	3,84,000	2,84,000	15,000	85,000

31-Mechaniry & Equipments	1,00,000	1,00,000	0	0
33-Material & Supply	14,00,000	12,00,000	1,00,000	1,00,000
64-Transfer Expenses	20,000	5,000	7,500	7,500
Total	2,25,48,000	1,44,22,000	44,66,600	36,59,400

XII. The manner of execution of subsidy programmes, including the amounts allocated and the details of beneficiaries of such programmes

Not Applicable.

XIII. Particulars of recipients of concessions, permits or authorizations granted by it.

Not Applicable.

XIV. Details in respect of the information, available to or held by it, reduced in an electronic form.

As in the booklet please. The information as contained in the booklet can be accessed at the website of Home Department, Govt. of Himachal Pradesh on www.himachal.nic.in/home.

XV. The particulars of facilities available to citizens for obtaining information, including the working hours of a library or reading room, if maintained for public use.

The information regarding reports is exempted from being made available to the public as per provisions in section 8 (h) of the Act. However, for other information can be obtained as per provisions of RTI Act 2005

The library of the institution is a scientific library and is accessible to the working scientists or the permitted scientists only. The library is not for public use. Due to security reasons the laboratory is locked and sealed after office hours till the start of office the next day and is guarded by a police guard for the safety and security of the crime case exhibits.

XVI. The names, designations and other particulars of the Public Information Officers.

STATE FSL, H.P. JUNGA

Sr. No.	Name & Designation.	Designated As	Telephone No (O)	Telephone No (M)
1.	Dr. J.R. Gaur Director	Appellate Authority	0177-2752527	94180-22220
2.	Dr. Gian Thakur Assistant Director Biology & Serology	Public Information Officer	0177-2752521 Ext. No. 106	94181-29210

REGIONAL FSL DHARMSHALA

Sr. No.	Name & Designation.	Designated As	Telephone No (O)	Telephone No (M)
1.	Dr. Arun Sharma Deputy Director	Appellate Authority	01892-222463	94180-29755
2.	Sh. Visheshwar Sharma Assistant Director (Document & Photography)	Public Information Officer	01892-222463	94184-85126

REGIONAL FSL MANDI

Sr. No.	Name & Designation.	Designated As	Telephone No (O)	Telephone No (M)
1.	Dr. Rajesh Verma Deputy Director	Appellate Authority	01905-247510	94185-55668
2.	Dr. V.S. Jamwal Assistant Director (Chemistry & Toxicology)	Public Information Officer	01905-247510	94181-29856

XVII. Such other information as may be prescribed and thereafter update these publications every year.

SANCTIONED AND POSTED STRENGTH OF STATE FORENSIC SCIENCE LABORATORY, HIMACHAL PRADESH, JUNGA.

Sr. No.	Name of Post	Sanctioned Strength	Posted	Vacancy	Remarks
1.	Director	1	1	0	
2.	Deputy Director	1	0	1	For DNA Division
3.	Assistant Director	7	6	1	1 for Physics & Ballistics.
4.	Scientific Officer	7	5	2	1 for DNA, 1 for NDPS
5.	Scientific Assistant	6	6	0	
6.	Laboratory Assistant	10	9	1	1 for Physics & Ballistics
7.	Laboratory Attendant	10	6	4	
8.	Supdt. Gd. – II	1	1	0	
9.	Sr. Assistant	2	2	0	
10.	Clerk	4	3	1	
11.	Computer	1	1	0	
12.	Jr. Scale Stenographer	2	2	0	

13.	Steno Typist	4	1	3	
14.	Peon	7	7	0	
15.	Mali	1	1	0	
16.	Sweeper	2	1	1	
17.	Head Constable	1	1	0	
18.	Constable Driver	3	3	0	
19.	Constable	4	4	0	
	Total	74	60	14	

**SANCTIONED AND POSTED STRENGTH OF REGIONAL FORENSIC SCIENCE
LABORATORY, DHARMSHALA, HIMACHAL PRADESH.**

Sr. No.	Name of Post	Sanctioned Strength	Posted	Vacancy	Remarks
1.	Deputy Director	1	1	0	
2.	Assistant Director	3	3	0	
3.	Scientific Officer	3	3	0	
4.	Scientific Assistant	3	3	0	
5.	Laboratory Assistant	3	2	1	1 for Biology Division
6.	Laboratory Attendant	3	2	1	1 for Biology Division
7.	Senior Assistant	1	1	0	
8.	Clerk	1	1	0	
9.	Jr. Scale Stenographer	1	0	1	
10.	Steno Typist	1	0	1	
11.	Peon	2	2	0	
12.	Sweeper	1	1	0	
13.	Constable Driver	1	0	1	
	Total	24	19	5	

**SANCTIONED AND POSTED STRENGTH OF REGIONAL FORENSIC SCIENCE
LABORATORY, MANDI, HIMACHAL PRADESH**

Sr. No.	Name of Post	Sanctioned Strength	Posted	Vacancy	Remarks
1.	Deputy Director	1	1	0	
2.	Assistant Director	3	3	0	
3.	Scientific Officer	3	2	1	1 for Physics & Ballistics Division
4.	Scientific Assistant	3	3	0	

5.	Laboratory Assistant	3	1	2	1 each for Physics & Ballistics and Chemistry & Toxicology Division.
6.	Laboratory Attendant	3	1	2	1 each for Physics & Ballistics and Biology & Serology Division.
7.	Sr. Assistant	1	0	1	For Office
8.	Clerk	1	1	0	
9.	Jr. Scale Stenographer	1	0	1	For Office (Deputy Director)
10.	Steno Typist	1	0	1	For office (Assistant Directors)
11.	Peon	2	2	0	
12.	Sweeper	1	1	0	
13.	Driver	1	0	1	For office
	Total	24	15	9	

LECTURES DELIVERED BY OFFICERS/OFFICIALS

STATE FSL H.P. JUNGA

S. No.	Name & Designation of Officer/Official	Number of lectures delivered/ demonstrations
1.	Dr. J. R. Gaur, Director	37
2.	Dr. B. R. Rawat, Assistant Director	20
3.	Dr. Meenakshi Mahajan, Assistant Director	21
4.	Dr. G. C Thakur, Scientific Officer	23
5.	Dr. Aparna Sharma, Assistant Director	05
6.	Dr. Vivek Sahajpal, Assistant Director	18
7.	Sh. Kapil Sharma, Assistant Director	12
8.	Sh. C.L. Sharma, Scientific Officer	08
9.	Sh. Nasib Patial, Scientific Officer	25
10.	Sh. Jagjeet Singh, Scientific Officer	17
11.	Dr. Neelam Kaushik, Scientific Officer	02

REGIONAL FSL DHARAMSHALA

S. No.	Name & Designation of Officer/Official	Number of lectures delivered/ demonstrations
1.	Dr. Arun Sharma, Deputy Director	46
2.	Sh. Visheshwar Sharma, Assistant Director	04

3.	Sh. Neeti Prakash Dubey, Assistant Director	09
4.	Sh. Mam Raj Sharma, Scientific Officer	11
5.	Sh. Rajesh Kumar Jamwal, Scientific Assistant	25
6.	Sh. Jaswant Singh, Scientific Assistant	09

REGIONAL FSL MANDI

S. No.	Name & Designation of Officer/Official	Number of lectures delivered/ demonstrations
1.	Dr. Rajesh Verma, Deputy Director	04
2.	Dr. Rajesh Kumar, Assistant Director	14
3.	Sh. Dev Raj Kalia, Scientific Assistant	05
4.	Sh. Chanderkant Sharma, Scientific Assistant	03

TRAININGS ATTENDED BY THE SCIENTIFIC STAFF (STATE FSL H.P. JUNGA)

S.No.	Name and Designation	Course name and venue
1.	Dr. Vivek Sahajpal Assistant Director	1. "DNA Profiling from Forensic Exhibits" at CFSL Hyderabad from 17-28 January 2011 2. "Human Identification (HID)" by Applied Biosystems (ABI) HID University, USA at Lab India Gurgaon, Haryana, India from 9-11 June, 2010. . 3. Visit to State FSL Haryana from 25/07/2010 to 28/07/2010.
2.	Sanjeev Singh Scientific Assistant	"Uses of Digital Images in Forensic Investigations" at Gujrat Forensic Science University on 14 th & 15 th February 2011.
3.	Smt. Ayesha Patial Scientific Officer	1. Two weeks training programme on Forensic Science organized for Sub-cadre of Investigating Officers at State FSL H.P. Junga from 15/11/2010 to 27/11/2010. 2. Hands on Training on DNA Profiling from Forensic Exhibits at CFSL, Hyderabad from 17/01/2011 to 28/01/2011.

RFSL, DHARAMSHALA

S.No.	Name and Designation	Course name and venue
1.	Dr. Neeti Prakash Dubey Assistant Director	1. "Disciplinary proceedings" w.e.f. 26-28/07/2010 at HIPA centre, Dharamshala. 2. 'Laboratory Accreditation'
2.	Dr. Surender Kumar Pal Assistant Director	1. In house training at State FSL H.P. Junga from 26/10/2010 to 08/11/2010. 2. In house training at State FSL H.P. Junga from 04/01/2011 to 07/01/2011.
3.	Sh. Mam Raj Scientific Officer	Training on 'Laboratory Accreditation' from 11/10/2010 to 13/10/2010 at SFSL, H.P. Junga.
4.	Sh. Vijay Kumar Scientific Officer	1. In house training at State FSL H.P. Junga from 30/10/2010 to 09/11/2010. 2. Training on 'Noting & Drafting' at HIPA Centre, Dharamshala from 22/11/2010 to 24/11/2010. 3. Training on 'Office Procedure and Financial Administration' from 31/01/2011 to 05/02/2011.
5.	Sh. Rajesh Kumar Jamwal Scientific Assistant	'Basic of Computer Course' at HIPA Centre, Dharamshala from 05/07/2010 to 09/07/2010.
6.	Sh. Bir Bahadur Scientific Assistant	1. In house training on 'Scientific Analysis' at State FSL H.P. Junga from 16/08/2010 to 21/08/2010. 2. Training on 'Office Procedure and Financial Administration' from 13/09/2010 to 18/09/2010 at regional centre of HIPA at Dharamshala. 3. Training on 'Noting and Drafting' at regional centre of HIPA, Dharamshala from 02/11/2010 to 04/11/2010. 4. Training on 'Diatom Examination' at RFSL, Mandi on 22 nd and 23 rd November 2010.
7.	Mrs. Poonam Sharma Laboratory Assistant	In house training on 'Scientific Analysis and Divisional Working' at State FSL H.P. Junga from 04/10/2010 to 08/10/2010.
8.	Sh. Upender Laboratory Assistant	1. In house training on 'Scientific Analysis and Divisional Working' at State FSL H.P. Junga from

		04/10/2010 to 08/10/2010. 2. Training on 'Noting & Drafting' from 02/11/2010 to 04/11/2010 at regional centre of HIPA at Dharamshala. 3. Training on 'Disciplinary Proceeding' from 25/11/2010 to 27/11/2010 at regional training centre of HIPA at Dharamshala.
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RFSL MANDI

S.No.	Name and Designation	Course name and venue
1.	Sh. Tek Chand Assistant Director	Attended one week in-house training in Biology & Serology division w.e.f. 27/10/2010 at State FSL H.P. Junga
2.	Sh. Chanderkant Sharma, Scientific Assistant	1. Attended three days course on 'Noting and Drafting' at Regional Training Centre (HIPA) Mandi w.e.f. 28.07.10 to 30.07.10. 2. Attended three days course on 'Basic Procedure and operation of machine for cement & concrete' at HPPCL, Naulakha, Sunder Nagar, District Mandi w.e.f. 19.08.10 to 21.08.10.
3.	Sh. Ram Singh Laboratory Assistant	Attended six days basic training in Biology & Serology division, State FSL H.P. Junga w.e.f. 16-21/08/2010.

CONFERENCES/MEETINGS/SEMINARS/WORKSHOPS ATTENDED

STATE FSL H.P. JUNGA

S.No.	Name & Designation	Remarks
1.	Dr. J.R. Gaur, Director	1. Attended twenty five meetings at State level with Police, Home Department, Judiciary, Prosecution and other departments. 2. Attended High Powered Committee Meeting NDPS chaired by worthy Chief Secretary, H.P. 3. Attended two days workshop on NDPS Act and related issues on 4 th and 5 th September 2010 at Manali organized by H.P. State Judicial Academy, Shimla. 4. Attended two days workshop on NDPS Act and related issues on 27 th and 28 th November 2010 at Palampur organized by H.P. State Judicial Academy, Shimla. 5. Attended one seminar of international level for delivering an invited talk on Forensic Science

		6. Attended five seminars and symposia of national level for delivering an invited talk on Forensic Science.
2.	Dr. B.R. Rawat Assistant Director	Attended three meetings for the purchase of security equipments at State CID Headquarters on 07/02/2011, 26/02/2011 and 16/03/2011.
3.	Dr. Meenakshi Mahajan Assistant Director	1. Attended one day seminar on 'Digital Investigation' at Delhi. 2. Attended National Symposium on 'Recent Advances on Analytical Sciences and Applications' organized at HP University, Shimla.
4.	Sh. Kapil Sharma Assistant Director	1. Attended two days workshop on NDPS Act and related issues on 4 th and 5 th September 2010 at Manali organized by H.P. State Judicial Academy, Shimla. 2. Attended two days workshop on NDPS Act and related issues on 27 th and 28 th November 2010 at Palampur organized by H.P. State Judicial Academy, Shimla.

RFSL, DHARAMSHALA

S.No.	Name & Designation	Remarks
1.	Dr. Arun Sharma Deputy Director	Workshop on 'Training Need Analysis' for the training programme of prosecution at HIPA Fairlawns, Shimla on 19/02/2011.
2.	Sh. Visheshwar Sharma Assistant Director	Attended two days National Seminar on Digital Forensic - A tool for IT Security at Allahabad on dated 24 th and 25 th February 2011.

TRAININGS ORGANIZED

Following courses were organised by the State Forensic Science Laboratory, H.P. Junga during 2010-2011:

1. JUDICIAL OFFICERS

Course Title	No. of Participants
1. Induction training programme in Forensic Science for newly appointed Judicial Officers from 21/03/2011 to 26/03/2011. Dr. J.R. Gaur, Director	04

2. Induction training programme in Forensic Science for newly appointed and posted Additional District & Sessions Judges and Newly appointed Judicial Officers from 19/04/2010 to 24/04/2010. Course Director: Dr. Vivek Sahajpal	05
3. Scientific Technology for Judicial Officers and Investigating Officers from 12/07/2010 to 17/07/2010. Course Director: Dr. B.R. Rawat	04
Total No. of Participants	13

2. COURSE FOR INVESTIGATION OFFICERS OF POLICE

Course Title	No. of Participants
1. Scientific Technology for Judicial Officers and Investigating Officers from 12/07/2010 to 17/07/2010. Course Director: Dr. B.R. Rawat	29
2. Course on Scientific Investigation from 15/11/2010 to 27/11/2010 Course Director: Dr. G.C. Thakur	24
3. Course on Scientific Investigation from 07/02/2011 to 19/02/2011 Course Director : Dr. Aparna Sharma	23
Total No. of Participants	76

RESEARCH AND DEVELOPMENT

- Dr. J.R. Gaur, Director, State FSL H.P.:
 - i. Evaluated five research papers for publication in the scientific journals.
 - ii. Worked as member of Advisory Board and Editorial Board of one national and two international journals.
 - iii. Worked as member of Bill Draft Committee on Forensic Act as nominated by the Government of India on behalf of all the State Forensic Science Laboratories of the country.
- A sophisticated instrument FTIR was installed in the Chemistry & Toxicology division of State FSL H.P. Junga.
- Cyber Forensic Unit has started working in the Document & Photography division of State FSL H.P. Junga.
- Dr. Rajesh Verma, Deputy Director, RFSL, Mandi:
 - i. Developed and standardized the method for the examination of diatoms, helping in solving the mystery of drowning death cases.

- ii. Conducted experiment for creating the data for retention of kerosene on different types of articles (25 types) under normal conditions. The experiment was conducted for about two months.

SCENE OF CRIME ATTENDED BY STATE FORENSIC SCIENCE LABORATORY AND REGIONAL LABORATORIES, HIMACHAL PRADESH

	State Forensic Science Laboratory, Junga	Regional Forensic Science Laboratory, Dharmshala	Regional Forensic Science Laboratory, Mandi
Scene of Crime Attended	16	19	18

COURT EVIDENCES GIVEN BY OFFICERS/OFFICIALS

STATE FSL H.P. JUNGA

S. No.	Name & Designation of Officer/Official	Number of Court evidences
1.	Dr. J.R. Gaur, Director	02
2.	Dr. Aparna Sharma, Assistant Director	01
3.	Dr. B. R. Rawat, Assistant Director	02
4.	Dr. Meenakshi Mahajan, Assistant Director	33
5.	Dr. G. C. Thakur, Assistant Director	18
6.	Sh. Kapil Sharma, Assistant Director	25
7.	Sh. Chamam Lal, Scientific Officer	08
8.	Sh. Ajay Sehgal, Scientific Officer	18
9.	Sh. Nasib Singh, Scientific Officer	12
10.	Sh. Jagjeet Singh, Scientific Officer	01

RFSL, DHARAMSHALA

S. No.	Name & Designation of Officer/Official	Number of Court evidences
1.	Dr. Arun Sharma, Deputy Director	03
2.	Sh. Visheshwar Sharma, Assistant Director	32
3.	Dr. Neeti Prakash Dubey, Assistant Director	03
4.	Sh. Ajay Sehgal, Scientific Officer	03
5.	Sh. Mam Raj, Scientific Officer	04
6.	Sh. Rajesh Kumar Jamwal, Scientific Assistant	01
7.	Sh. Jaswant Singh, Scientific Assistant	01

RFSL, MANDI

S. No.	Name & Designation of Officer/Official	Number of Court evidences
1.	Dr. Rajesh Verma, Deputy Director	04
2.	Sh. V.S. Jamwal, Assistant Director	10
3.	Sh. Rajesh Kumar, Assistant Director	08

**CASE STATISTICS OF THE STATE FORENSIC SCIENCE LABORATORY,
HIMACHAL PRADESH, JUNGA 2010-2011**

Name of Division	No. of cases pending at beginning (A)	No. of cases received during the period (B)	Total no. of cases (C=A+B)	No. of cases disposed off during the period (D)	No. of cases pending at the end (E=C-D)
Biology and Serology	108	834	942	888	54
Chemistry and Toxicology	82	840	922	845	77
Physics and Ballistics	13	227	240	215	25
Documents and Photography	23	414	437	416	21
NDPS	71	561	632	612	20
DNA	06	95	101	52	49
Total	303	2971	3274	3028	246

**CASE STATISTICS OF THE REGIONAL FORENSIC SCIENCE LABORATORY,
DHARMSHALA 2010-2011**

Name of Division	No. of cases pending at beginning (A)	No. of cases received during the period (B)	Total no. of cases (C=A+B)	No. of cases disposed off during the period (D)	No. of cases pending at the end (E=C-D)
Biology and Serology	01	70	71	65	06
Chemistry and Toxicology	59	651	710	659	51
Documents and Photography	15	165	180	160	20

Excise (Liquor) Cases	00	47	47	00	47
Total	75	933	1008	884	124

**CASE STATISTICS OF THE REGIONAL FORENSIC SCIENCE LABORATORY,
MANDI 2010-2011**

Name of Division	No. of cases pending at beginning (A)	No. of cases received during the period (B)	Total no. of cases (C=A+B)	No. of cases disposed off during the period (D)	No. of cases pending at the end (E=C-D)
Biology and Serology	01	42	43	38	05
Chemistry and Toxicology	22	698	720	687	33
Physics & Ballistics	01	102	103	96	07
Total	24	842	866	821	45

RESEARCH PAPERS PUBLISHED

Various scientific research papers were written by the scientists of this laboratory during the year 2010-2011. The details of research papers/abstracts published, presented and communicated for publication are given below:

**LIST OF RESEARCH PAPERS PUBLISHED / PRESENTED/COMMUNICATED
BY DIFFERENT SCIENTISTS**

SNo	Name of Author(s)	Title of the Research Paper	Remarks
1.	Gaur, J.R. (2010)	Evolving Trends in Terrorist Crimes.	Published in the Indian Police Journal, Vol LVII, No. 3, July –September 2010, pp 109-114.
2.	Verma, Rajesh (2011)	Evaluation of two instrumental methods of comparing writing paper.	Published in the journal of Forensic Sciences, Vol. 56, No.2, March 2011.
3.	Rawat, B.R. (2010)	Carbon monoxide a silent killer	Abstract ID-A125 published in 3 rd National Symposium on recent advances in analytical science organized by HPU-ISAS/NSAS at HPU

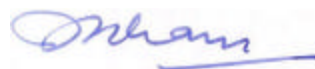
- Shimla held from April 12-14, 2010.
4. Rawat, B.R. (2010) Analysis of body fluids by Head Space – Gas Chromatograph (HS -GC). Abstract ID-126 published in 3rd National Symposium on recent advances in analytical science organized by HPU-ISAS/NSAS at HPU Shimla held from April 12-14, 2010.
 5. Mahajan, Meenakshi (2010) Determination of neurotoxin metals using neutron activation analysis Presented and published in the conference organized by HPU, Shimla.
 6. Sahajpal, Vivek Goyal, S.P. (2010) Identification of forensic case using microscopy and forensically informative nucleotide sequencing (FINS): A case study of small Indian civet (*Viverricula indica*). Published in the journal Science and Justice 50 (2010); 94-97.
 7. Bahuguna, A. Sahajpal, V. Goyal, S.P. Mukherjee, S.K. Thakur, V. (2010) A book on Forensic examination of hair evidence in wildlife crime cases. Species identification from guard hair of selected Indian Mammals: A reference Guide. Wildlife Institute of India, Dehradun, pp. 447, ISBN 81-85496-24-2.
 8. Vikas Jaitak, Sharma, Kapil Kalia, Kalpana Kumar, Neeraj Singh, H.P Kaul, V.K. Singh, Vikram (2010) Antioxidant activity of *Potentilla fulgens*: An alpine plant of western Himalaya. Published in the journal of Food Composition and Analysis, 23 (2010); 142-147.
 9. Singh, Jagjeet (2010) Discrimination potential of UV and FTIR spectroscopy for the analysis of black photocopy toner. Published in the international journal of Pharma Recent Research, 2010, Vol. 2(2); 40-51.
 10. Singh, Jagjeet (2010) Determination of generation of photocopy by image processing Published in the journal Problems of Forensic Sciences, 2010, Vol LXXXIV; 315-325
 11. Singh, Jagjeet (2010) Differentiation of color photocopy toners using TLC, UV and FTIR techniques Accepted for publication in the journal of Forensic Identification.
 12. Singh, Jagjeet (2010) Determination of Generation of Photocopy with image processing. International Symposium on Emerging Trends in Forensic Science, 22-24/02/2010, P.U. Patiala.

HONOURS AND AWARDS AND APPRECIATIONS

- **Dr. Vivek Sahajpal, Assistant Director, DNA Division:**
 - i. The name and bibliographic record of the officer has found mention in the prestigious 'Marquis Who's is Who in the World' twenty eighth edition 2011, published by Marquis Who's is Who publications board, USA.
 - ii. The officer has received a letter of appreciation from the Director, State FSL H.P. Junga for the hard work of high forensic values carried out during DNA profiling at State FSL H.P. Junga.

FUTURE VISION.

Keeping pace with the recent developments in Science & Technology which can be used in crime investigation and the administration of justice providing undelayed quality reports in crime cases and immediate forensic assistance at the scenes of crime is the future vision of the State Forensic Science Laboratory, Himachal Pradesh. Not only this, we are committed to introduce high tech machines as deterrents to contemporary criminals and to provide all scientific assistance to the criminal justice system in the state.



Director

State Forensic Science Laboratory,
Himachal Pradesh, Junga - 171218.