

# State Forensic Science Laboratory, Himachal Pradesh, Junga – 173216



## Annual Administrative Report 2006-07

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## **FOREWORD**

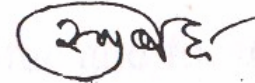
In a society that believes in the Rule of Law, it is a cardinal principle that no man is presumed guilty till proved otherwise, and also that no one can be forced to incriminate himself. Investigation and detection of crime in such circumstances is necessarily a complex task. The Investigating Officer 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 Investigation 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 that the State Government has taken steps to activate and energize the State Forensic setup. The Annual Report gives an overview of the activities during 2006-07. 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 will oversee the planning and implementation of a timebound programme for induction of forensics into investigation of crime in the State.

During the financial year 2006-07 the State Forensic Science Laboratory, Himachal Pradesh has set-up an NDPS division, which is functional since November 2006 and is catering to the needs of the state. The laboratory is also in the process of setting-up of DNA facilities, which are likely to be completed in the next financial year 2007-08. The laboratory 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.



**(Prabodh Saxena)**  
**Secretary (Home) & Director Vigilance,**  
**to the Govt. of Himachal Pradesh,**  
**H.P. Secretariat, Shimla – 171002**

**May 5, 2007**

## PREFACE

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 constantly introducing modern scientific technology in the State Forensic Science Laboratory, Himachal Pradesh. The year 2006-07 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 undelayed 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. 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 – 173216

**May 05, 2007**

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## **I. The particulars of the State Forensic Science Laboratory, Himachal Pradesh, Junga – 173216, functions and duties:**

### **INTRODUCTION**

Himachal Pradesh got full statehood on 25<sup>th</sup> 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.

### **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<sup>0</sup> C in winter to 35<sup>0</sup> C in summer months at Junga.

### **INFRASTRUCTURE**

The buildings of State Forensic Science Laboratory, Himachal Pradesh, and Junga have covered area of about 28000 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 Nov.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 FSL has seventy four sanctioned posts of scientific and supporting staff.

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.

## **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 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, purposes by the State CID H.P., Police Training College, Dahrongarh accident, 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 first few years, have been disseminating forensic knowledge to the Gazetted Officers of Police, Prosecution, Judiciary and Medical Officers as well. In the year 2006, sixty senior officers and officers-on-probation of the subordinate judiciary of the HP, 20 Asstt. District Attorneys-on- probation of prosecution department, 308 investigating officers (NGOs and ORs) of police deptt in the capsule courses organised at Distt. Hqs, 161 IOs (NGOs and ORs) in courses organised at State FSL courses. 48 investigating officers of Uttranchal police were imparted training in scientific Aids / Forensic Science during the year – 2004.

Services of the scientists of the laboratory have also been utilized for teaching and training, Punjabi University Patiala, P.U. Chandigarh, Indira Gandhi Medical College Shimla, and Law Deptt. H.P. University Shimla, Govt. Ayurvedic College Paprola, H.P and Uttranchal 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, 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.

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 data base, the R&D is undertaken. In addition, the reports of lab analysis and scene of occurrence examination deliver essential scientific in puts 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. Cases are being referred to CFSL, Kolkatta and CFSL Chandigarh for DNA typing in gang rape cases (mixed body fluid stains), in identity problems and in matters of disputed parentage. . Of late, necessary infrastructure in respect of instruments, consumables and training of manpower has been created for DNA typing. And, in the first instance, intends to undertake examination in disputed parentage cases in 2007.

### **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. As per existing workload the division needs to be strengthened by one additional unit of manpower for toxicology cases.

#### **WORKING OF PHYSICS & BALLISTICS DIVISION**

The division started receiving crime cases for examination in 1999. In the year 2000, 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 2004:

- 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.

## **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 schedule 1, 11,111 and 1V. 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

**ORGANISATIONAL CHART**  
**STATE FORENSIC SCIENCE LABORATORY, HIMACHAL PRADESH,**

DIRECTOR-1

DEPUTY DIRECTOR-1     DNA DIVISION

<b>BIOLOGY &amp; SEROLOGY DIVISION</b>	<b>CHEMISTRY &amp; TOXICOLOGY DIVISION</b>	<b>OFFICE</b>	<b>PHYSICS &amp; BALLISTICS DIVISION</b>	<b>DOCUMENTS &amp; PHOTOGRAPHY DIVISION.</b>	<b>NDPS DIVISION</b>	<b>DNA PROFILING DIVISION</b>
Asstt.Director-1	Asstt.Director-1	Superintendent-1	Asstt.Director-1	Asstt.Director-1	Asstt.Director-1	Asstt.Director-2
Scientific Officer-1	Scientific Officer-1	Sr. Assistant-2	Scientific Officer-1	Scientific Officer-1	Scientific Officer-1	Scientific Officer-2
Scientific Asstt.-2	Scientific Asstt.-2	Jr.Scale Steno-2	Scientific Asstt.-1	Scientific Asstt.-1		
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 Operator-1				
		Head Constable-1 (Guard)				
		Constable-4				
		Constable Driver-3				
		Peons-7				
		Mali-1				
		Sweeper-2				

**ORGANISATIONAL CHART**  
**REGIONAL FORENSIC SCIENCE LABORATORY MANDI, HIMACHAL PRADESH,**

DEPUTY DIRECTOR-1

<b>BIOLOGICAL SCIENCES DIVISION</b>	<b>CHEMICAL SCIENCES DIVISION</b>	<b>PHYSICAL SCIENCES DIVISION</b>	<b>MINISTERIAL STAFF.</b>
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 DHARAMSHALA, HIMACHAL PRADESH,**

DEPUTY DIRECTOR-1

<b>BIOLOGICAL SCIENCES DIVISION</b>	<b>CHEMICAL SCIENCES DIVISION</b>	<b>PHYSICAL SCIENCES DIVISION</b>	<b>MINISTERIAL STAFF.</b>
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 ADGP/CID, Director, General of Police, HP, /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. Dy. 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, ADGP/CID, DGP/Govt.

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. Lab. 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 procedures 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 – 173216. 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 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.

#### 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.**

<b>Division</b>	<b>No.of cases/exhibits to be examined per year.(200 working days.</b>	<b>Scope</b>
Biology	750 cases with 4500 exhibits	Stain examination, routine microscopic examination, hair examination and routine botanical examination etc.
Serology	700 cases with 3200 exhibits	Origin, Routine blood grouping, Iso-enzyme etc.
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	240 cases with 12000 exhibits	Forensic Examination of documents including examination of signatures,

Documents		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 alkalis.
- 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.

i.) **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.

ii.) **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 calibre.
- 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/ Pellets/ 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.

iii.) **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.

**iv.) 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.

## **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 is as under:

**Government of Himachal Pradesh**

**“Home Department”**

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

Dated Shimla 171002

9.12.2005

**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.   | <b>Chairman</b> |
| 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  | Member   |
| 3. | Police Battalion at Junga.<br>Assistant Director/Scientific Officer<br>of concerned Division of SFSL. | Member   |
| 4. | S.O. (Acctts.), PHQ   | Member   |

**BY ORDER**

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

## CALANDER OF COURSES TO BE ORGANISED BY HP STATE FSL IN 2007-2008

Sr. No.	Name of Course	Month & date of organization	No. of participants	Course Director
1.	Recent Advances in Forensic Science for Sr. Division Judges of H.P.	02-06 April 2007	10	Dr. J.R. Gaur, Director
2.	Course on Scientific Investigation for I.O's.	16-22 April 2007	30	Dr. Arun Sharma, Assistant Director
3.	Recent Advances in Forensic Science for Sr. Division Judges of H.P.	07-11 May 2007	10	Dr. J.R. Gaur, Director
4.	Finger Print and Foot Print Aid to Investigation for I.O's	21-26 May 2007	40	Dr. B.R. Rawat, Assistant Director
5.	Recent Advances in Forensic Science for Sr. Division Judges of H.P.	04-08 June 2007	10	Sh. A.K. Wasuja, Scientific Officer
6.	Scientific Techniques to Detect Crime for I.O's	18-23 June 2007	30	Dr. Rajesh Kumar, Assistant Director
7.	Forensic Ballistics & Explores for I.O's	02-04 July	36	Dr. Rajesh Kumar, Assistant Director
8.	Recent Advances in Forensic Science for Sr. Division Judges of H.P.	09-13 July 2007	10	Dr. Meenakshi Mahajan, Assistant Director
9.	Course on Scientific Investigation for Dy.S.P./SDPO	23-29 July 2007	30	Dr. J.R. Gaur, Director
10.	Special course on investigation for Graduate Lower Class Course Pass candidates.	20-25 August 2007	30	Dr. Meenakshi Mahajan, Assistant Director
11.	Scientific Techniques to Detect Crime for I.O.'s	17-22 September 2007	30	Sh. Visheshwar Sharma, Scientific Officer
12.	Course on Scientific Investigation for I.O's	15-21 October 2007	30	Dr. V.S. Jamwal, Scientific Officer
13.	Course on Scientific Investigation for I.O's	12-18 November 2007	30	Dr. G.C. Thakur, Scientific Officer
14.	Special Course on Investigation for Graduate lower Class Course Pass Candidates.	10-15 December 2007	30	Sh. Rajesh Kumar, Scientific Officer
15.	Course on Scientific Investigation for I.O's	07-13 January 2008	30	Dr. Arun Sharma, Assistant Director
16.	Special Course on Investigation for Graduate Lower Class Course Pass Candidates.	11-16 February 2008	30	Dr. B.R. Rawat, Assistant Director

## IX. Directory of its officers

### (A)

S.No.	Name & Designation	Date of Birth	Date of Apptt.	Date of Promotion	Qualification	Departmental Qualification	Category	Home Distt.
1	Dr. J.R. Gaur, Director	15.8.1954	27.6.1978	7.1.1998	M.Sc. Ph.D. (Physical Anthropology)	Passed departmental examinations from HIPA	General	Karnal (Haryana)
2	Dr.Arun Sharma, Assistant Director	31.3.1963	30.8.1991 F.N	13.8.1998	M.Sc.,Ph.D (Forensic Science)	-Do-	General	Mandi
3	Dr.B.R.Rawat, Assistant Director	16.7.1955	14.1.1991 F.N	13.8.1998	M.Sc,M.Phil, Ph.D (Chemistry)	-Do	General	Mandi
4	Dr. Rajesh Kumar, Assistant Director	6.10.1965	22.2.2000 F.N	-	MSc,Ph.D (Physics)	-Do-	General	Mandi
5	Dr. M Mahajan, Assistant. Director	23.12.1970	13.6.2000 A.N	-	MSc., MPhil.Ph.D (Chemistry)	-Do	General	Kangra
6	Dr.Gian Chand, Scientific Officer	11.11.1963	29.10.1990	7.3.1998	MSc.,M.PhilPh. ( Botany)	-Do -	General	Kullu
7	Dr. Vijay Singh, Scientific Officer	16.7.1963	30.8.1990FN	7.3.1998	MSc,MPhil,PhD (Chemistry)	-Do-	General	Mandi
8	Sh .Rajesh Kumar, Scientific Officer	9.10.1969	3.2.1999	-	MSc.M. Phil. (Physics)	-Do-	General	Hamirpur
9	Sh. Visheshwar Sharma, Scientific. Officer	2.7.1965	30.5.1991	5.2.1999	BSc. ,A.I.C. (Chemistry)	-Do-	General	Shimla
10.	Sh. A.K. Wasuja, Scientific Officer	4.4.1948	17.11.2006	-	B.Sc.P G Diploma in Environmental Engineering.	-	General	Solan

### (B)

S.No.	Name & Designation	Date of Birth	Date of Apptt.	Date of Promotion	Qualification	Departmental Qualification	Category	Home Distt.
1	Sh.Chaman Lal Scientific Assistant	30/04/1958	17/06/1991	-	M.Sc. Bio Chemistry	-	General	Kangra
2	Sh.Ajay Kumar, Scientific Assistant	6.4.1971	31.3.1998F.N	-	M.Sc.B.Ed.	-	General	Hamirpur
3	Sh.Naseeb Singh, Scientific Assistant	7.6.1969	1.7.1999 F.N	28.6.2001 direct S.A	M.Sc. Maths	-	General	Kangra
4	Sh. Mam Raj,	10.5.1973	19.5.1999	20.3.2002	M.Sc. Maths	-	OBC	Sirmaur

	Scientific Assistant		as Lab.Asstt.	direct S.A				
5	Sh.Lakshmi Dutt, Scientific Assistant	10.8.1969	18.5.1999 as Lab.Asstt.	20.3.2002 direct S.A	B.Sc (Non-medical).	-	SC	Solan
6	Sh. Hari Krishan, Scientific Assistant	24.3.1973	18.5.1999 as Lab. Asstt.	22.11.2004	B.Sc.(Medical)	-	General	Kullu
7	Sh.Rakesh Kumar, Laboratory Asstt.	19.4.1972	11.3.2002	-	B.Sc.(Medical)	-	General	Hamirpur
8	Sh.Rajesh Kumar, Laboratory Asstt.	25.8.1968	19.5.1999	-	B.Sc (Non-medical).	-	General	Bilaspur
9	Sh. Dev Raj, Laboratory Assistant	2.7.1973	17.5.1999	-	B.Sc.(Medical)	-	S.C	Bilaspur
10	Sh.Ravinder Attri, Laboratory Asstt.	15.3.1975	10.5.1999	-	B.Sc (Non-medical)	-	General	Solan
11	Sh.Chander Kant, Laboratory Asstt.	1.10.1974	19.4.2002	-	B.Sc. (Non-medical)	-	General	Mandi
12	Sh.Jaswant Singh, Laboratory Asstt.	2.3.1978	11.2.2002	-	B.Sc., M.Sc. Maths	-	S.C	Una
22	Sh. Madan Gopal, Lab.Assistant	24.7.1968	6.1.1990 as Lab. Attd.	21.8.2004 as Lab.Asstt.	+2 Pass	-	General	Shimla
13	Sh.Santosh Singh, Lab. Attendant	10.7.1966	6.1.1990	-	Matric	-	S.C	Shimla
14	Sh.Brij Lal, Laboratory Attendant	10.10.1964	3.1.1990	-	+2 Pass	-	General	Kangra
15	Sh.Jasmir Singh, Laboratory Attendant	8.3.1969	28.2.1990	-	+2 Pass	-	OBC	Kangra
16	Sh. Nand Lal, Laboratory Attendant	10.3.1972	6.9.2000	-	9 <sup>th</sup> Pass	-	S.T	Chamba
17	Sh. Padam Nabh, Lab.Attendant	4.4.1966	12.12.1997	-	8 <sup>th</sup> Pass	-	General	Mandi
18	Sh.Chander Lal ,Lab. Attendant	2.3.1963	28.3.1998	-	Matric	-	General	Shimla
19	Sh.Lok Raj, Laboratory Attendant	15.1.1970	22.1.1998	-	Matric	-	General	Mandi
20	Sh.Dina Nath, Laboratory Attendant	16.9.1971	20.3.1998	-	8 <sup>th</sup> Pass	-	General	Shimla
21	Sh.Prem Kumar, Lab. Attendant	15.2.1972	26.8.2000	-	9 <sup>th</sup> Pass	-	General	Shimla
22	Sh. Yoginder Kumar, Supdt. Gd-11	7.3.1956	28.1.1975	.15.12.2001	B.A	-	General	Shimla
23	Sh.Hari Chand, Sr.Assistant	15.12.1961	3.2.1983	5.10.1994	Matric	-	General	Shimla
24	Sh. Narinder Singh, Sr.Assistant	5.10.1962	14.6.1985	30.8.2001 .	B.A	-	General	Solan

25	Sh.Mahesh Kumar, Jr.Assistant	8.4.1971	1.6.1994	-	BA Part-I	-	General	Shimla
26	Sh.Chaman Lal, Clerk	24.10.1975	11.2.1997	-	Matric	-	General	Bilaspur
27	Smt.Sulakshana Rani. Clerk	4.1.1977	2.12.1997	-	Matric	-	OBC	Hamirpur
28	Sh.Dinesh Kumar, Computer	6.12.1973	2.12.2002	-	B.Sc. B.Ed. PGDCA	-	General	Mandi
29	Smt.Sulachana Devi, Jr.Scale Steno	10.9.1955	8.10.1986	7.7.2003	Matric	-	General	Hamirpur
30	Sh.Pardeep Kumar Jr. Scale Steno							Hamirpur
31	Smt.Shimlo Devi, Stentypist	26.2.1977	11.2.1997	-	+2	-	General	Bilaspur
32	Sh.Tek Singh, Stenotypist	26.5.1969	8.3.1999	-	Matric	-	OBC	Mandi
33	Sh.Dhani Ram, Peon	4.2.1958	29.12.1989	-	Middle	-	S.C	Solan
34	Sh.Hem Chand, Peon	8.6.1956	13.10.1989	-	Middle	-	General	Shimla
35	Sh.Roop Lal, Peon	10.3.1967	17.10.1989	-	Matric	-	General	Bilaspur
36	Sh.Sarbjeet Singh, Peon	4.6.1964	8.8.1995	-	9 <sup>th</sup> Pass	-	General	Una
37	Smt.Chinta Devi, Peon	1.8.1958	20.5.1996	-	-	-	General	Bilaspur
38	Sh.Baljeet Singh, Peon	16.12.1972	6.8.1997	-	Middle	-	General	Hamirpur
39	Sh.Shish Kumar, Peon	20.4.1976	10.9.1997	-	Middle		S.C	Kullu
40	Smt.Binta Devi, Mali	1.3.1970	26.8.1997	-	4 <sup>th</sup> Pass	-	S.C	Shimla
41	Sh.Shiv Charan, Sweeper	1.4.1959	10.12.1980	-	4 <sup>th</sup> Pass	-	S.C	Shimla
42	HHCt/Driver Tara Chand	12.9.1956	25.2.1984	Entry Good-06	Matric	1. RTC 2.First aid Trg. Course 3. D&M Course	General	Shimla
43	Const./Driver Jagat Ram	15.4.1969	1.4.1998	Good-09	Matric	1. RTC	S.C	Bilaspur
44	HHC./Driver Sukh Dev	10.2.1958	27.2.1996	Good-05	Middle Pass	1. RTC	S.C	Una
45	H.C Dhani Ram	2.3.1956	30.3.1984	28.2.06 Entry Good-12	Matric Pass	1. RTC	S.C	Sirmaur
46.	HHC Ganesh Singh	25.4.1959	28.11.1999	-	Matric Pass	1. RTC	General	Bilaspur
47.	Constable Surender Kumar	22.4.1981	22.8.2002	-	Matric Pass	1. RTC	S.T	
48	Constable Manohar Lal	16.6.1978	11.3.2003	-	Matric Pass	1. RTC	S.C	Solan
49.	Constable Hemant Kumar	7.1.1983	22.8.2002	-	Matric Pass	1. RTC	S.C	Sirmaur

**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. employees along with pay scale and total emoluments.

<b>Sr. No.</b>	<b>Name &amp; Designation</b>	<b>Pay Scale</b>	<b>Total Emoluments</b>
1.	Dr. J.R. Gaur, Director	Rs. 16350-20100	Rs. 36,191/-
2.	Dr. Arun Sharma, Asstt. Director	Rs. 12000- 15500	Rs. 25,598/-
3.	Dr. B. R. Rawat, Asstt. Director	Rs. 12000- 15500	Rs. 25,598/-
4.	Dr. Rajesh Kumar, Asstt. Director	Rs. 10025- 15100	Rs. 24,146/-
5.	Dr. Meenakshi Mahajan, Asstt. Director	Rs. 10025- 15100	Rs. 23,420/-
6.	Dr. Gian Chand, S. O.	Rs. 7220- 10980	Rs. 18,002/-
7.	Dr. Vijay Singh, S. O.	Rs. 7220- 10980	Rs. 18,002/-
8.	Sh. Rajesh Kumar, S. O.	Rs. 7000- 10980	Rs. 17,471/-
9.	Sh. Visheshwar Sharma, S.O.	Rs. 7000- 10980	Rs. 17,471/-
10.	Sh. A.K. Wasuja, S.O.	Rs. 7000- 10980	Rs. 11,321/-
11.	Sh. Chaman Lal, S. A.	Rs. 5800- 9200	Rs. 16,938/-
12.	Sh. Ajay Kumar, S. A.	Rs. 5800- 9200	Rs. 15,022/-
13.	Sh. Nasib Singh, S. A.	Rs. 5800- 9200	Rs. 13,358/-
14.	Sh. Mam Raj, S. A.	Rs. 5800- 9200	Rs. 12,971/-
15.	Sh. Laxmi Dutt, S. A.	Rs. 5800- 9200	Rs. 13,196/-
16.	Sh. Hari Krishan, S. A.	Rs. 5800- 9200	Rs. 12,397
17.	Sh. Dev Raj, Lab. Asstt.	Rs. 4020-6200	Rs. 10,050/-
18.	Sh. Ravinder Attri, L.A.	Rs. 4020-6200	Rs. 9,875/-
19.	Sh. Rajesh Kumar, L.A.	Rs. 4020-6200	Rs. 9,875/-
20.	Sh. Jaswant Singh, L.A.	Rs. 4020-6200	Rs. 9,470/-
21.	Sh. Rakesh Kumar, L.A.	Rs. 4020-6200	Rs. 9,179/-
22.	Sh. Chander Kant, L.A.	Rs. 4020-6200	Rs. 9,179/-
23.	Sh. Madan Gopal, L.A.	Rs. 4020-6200	Rs. 9,570/-
24.	Sh. Sh. Brij Lal, Lab. Attd.	Rs. 3120-6200	Rs. 9,760/-
25.	Sh. Santosh Singh, -do-	Rs. 3120-6200	Rs. 9,660/-
26.	Sh. Jasmir Singh, -do-	Rs. 3120-6200	Rs. 9,760
27.	Sh. Padam Nabh, -do-	Rs. 3120-5160	Rs. 8,087/-
28.	Sh. Lok Raj, -do-	Rs. 2820-4400	Rs. 7,722/-

29.	Sh. Dina Nath, -do-	Rs. 3120-5160	Rs. 7,854/-
30.	Sh. Chander Lal, -do-	Rs. 3120-5160	Rs. 7,854
31.	Sh. Prem Kumar, -do-	Rs. 2820-4400	Rs. 7,271/-
32.	Sh. Nand Lal, -do-	Rs. 2820-4400	Rs. 7,171/-
33.	Sh. Yoginder Kumar, Supdt.	Rs. 6400-10640	Rs. 21,646/-
34.	Sh. Hari Chand, Sr. Asstt.	Rs. 6400-10640	Rs. 16,776/-
35.	Sh. Narinder Singh, -do-	Rs. 5800-9200	Rs. 14,596
36.	Sh. Mahesh Kumar, Jr. Asstt.	Rs. 4400-7000	Rs. 10,185/-
37.	Sh. Chaman Lal, Clerk	Rs. 3120-6200	Rs. 9,114/-
38.	Smt. Sulakshana Rani, -do-	Rs. 3120-5160	Rs. 8,824/-
39.	Smt. Salochana Devi, Jr. Scale Steno.	Rs. 4400-7000	Rs. 12,584/-
40.	Sh. Pardeep Chand, -do-	Rs. 4400-7000	Rs. 12,497/-
41.	Smt. Shimlo Devi, Steno	Rs. 4020-6200	Rs. 9,104/-
42.	Sh. Tek Singh, Steno	Rs. 3330-6200	Rs. 8,571/-
43.	Sh. Dinesh Kumar, Computer	Rs. 3120-5160	Rs. 7,432/-
44.	H. C. Dhani Ram	Rs. 4020-6200	Rs. 13,121/-
45.	HHC/Dvr. Tara Chand	Rs. 3120-6200	Rs. 13,214/-
46.	HHC/Dvr. Sukhdev Singh	Rs. 3120-6200	Rs. 15,126/-
47.	Const. Dvr. Jagat Ram	Rs. 3120-6200	Rs. 12,073/-
48.	Const. Surinder Kumar	Rs. 3120-5160	Rs. 7,664/-
49.	HHC Ganesh Singh	Rs. 3120-6200	Rs. 12,814/-
50.	Const. Hemant Kumar	Rs. 3120-5160	Rs. 7,664/-
51.	Const. Manohar Lal	Rs. 3120-5160	Rs. 7,432/-
52.	Sh. Hem Chand, Peon	Rs. 2820-4400	Rs. 9,054/-
53.	Sh. Roop Lal, Peon	Rs. 2820-4400	Rs. 9,154/-
54.	Sh. Dhani Ram, Peon	Rs. 2820-4400	Rs. 9,154/-
55.	Sh. Sarbjeet Singh, Peon	Rs. 2820-4400	Rs. 8,087/-
56.	Smt. Chinta Devi, Peon	Rs. 2820-4400	Rs. 7,854/-
57.	Sh. Baljeet Singh, Peon	Rs. 2520-4140	Rs. 7,622/-
58.	Sh. Shish Kumar, Peon	Rs. 2520-4140	Rs. 7,622/-
59.	Sh. Shiv Charan, Sweeper	Rs. 3120-6200	Rs. 10,550/-
60.	Smt. Binta Devi, Mali	Rs. 2520-4140	Rs. 7,622/-
61.	Smt. Kamala Devi, Sweeper	Per day Rs. 40.	Rs. 1200/-

**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 2006-2007 under head “2055-Police-116-Forensic Science-01-State Forensic Science Laboratory” (SOON) (Non-Plan)

(Demand No. 7)  
Figures in Rupees

Director, State Forensic Science Laboratory, Junga.

<b>Object Code/SOE</b>	<b>Part-I</b>	<b>Part-II</b>	<b>Total</b>
01-Salary	22,48,000/-	60,50,000/-	82,98,000/-
02-Wages	-	7,000/-	7,000/-
03-Travel Expenses	18,000/-	51,000/- + 35,000/-	1,04,000/-
05-Office Expenses	1,03,000/-	2,62,000/- + 1,00,000/-	4,65,000/-
06-Medical Re-Imbursement	33,000/-	31,000/- + 80,000/-	1,44,000/-
09-Advertising & Publicity	-Nil-	48,000/-	48,000/-
10-Hospitality & Entertainment	-Nil-	3,000/-	3,000/-
30-Motor Vehicle	-Nil-	2,06,000/- + 9,50,000/-	11,56,000/-
33-Material & Supply	14,000/-	18,000/- + 10,00,000/-	10,32,000/-
64-Transfer Expenses	7,000/-	6,000/-	13,000/-
Total	24,23,000/-	88,47,000/-	1,12,70,000/-

Statement showing the allotment of budget for the year 2006-2007 under Major Head “4055-Capital outlay on police Housing-00-211 Police Housing-05-constitution of State Forensic Science-01-State Forensic Science Laboratory” (SOON) (Plan)

1. Police Housing = Rs. 35,84,000/-

**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](http://www.himachal.nic.in). A copy of Annual Administrative Report 2005 is also available on the website of Home Department, Govt. of Himachal Pradesh.

**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 the PIO's, APIO's and the Appellate Authority have been nominated as under:

<b>Sr. No.</b>	<b>Name &amp; Designation.</b>	<b>Designated as.</b>
1.	Dr. J.R. Gaur, Director.	Appellate Authority.
2.	Dr. Arun Sharma, Asstt. Director (Biology & Serology) Division.	Public Information Officer.
3.	Dr. B.R. Rawat, Asstt. Director( Chemistry & Toxicology) Division.	Asstt. Public Information Officer.
4.	Dr.Rajesh Kumar, Asstt. Director( Physics & Ballistics) Division.	-do-
5.	Dr. Meenakshi Mahajan, Asstt. Director (Document & Photo) Division.	-do-
6.	Dr. Gian Chand Thakur, Scientific Officer (Biology & Serology) Division.	-do-

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.**

<b>Sr. No.</b>	<b>Name &amp; Designation.</b>	<b>Designated as.</b>	<b>Telephone No.(O)</b>	<b>Telephone No.(Res).</b>
1.	Dr. J.R. Gaur, Director.	Appellate Authority.	0177-2752527	0177-2752594.
2.	Dr. Arun Sharma, Asstt. Director (Biology & Serology) Division.	Public Information Officer.	0177-2752521 Ext. No. 25	94180-29755
3.	Dr. B.R. Rawat, Asstt. Director( Chemistry & Toxicology) Division.	Asstt. Public Information Officer.	0177-2752521 Ext. No. 28	94180-88546
4.	Dr.Rajesh Kumar, Asstt. Director( Physics & Ballistics) Division.	-do-	0177-2752521 Ext. No.26.	-
5.	Dr. Meenakshi Mahajan, Asstt. Director (Document & Photo) Division.	-do-	0177-2752521 Ext. No.27.	94181-22495
6.	Dr. Gian Chand Thakur, Scientific Officer (Biology & Serology) Division.	-do-	0177-2752521 Ext. No. 30.	94181-29210

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

**LECTURES DELIVERED BY OFFICERS/OFFICIALS STATE FORENSIC SCIENCE LABORATORY**

<b>S. No.</b>	<b>Name &amp; Designation of Officer/Official</b>	<b>Number of lectures delivered on Forensic Science</b>
1.	Dr. J. R. Gaur, Director	67
2.	Dr. Arun Sharma, Assistant Director	45
3.	Dr. B. R. Rawat, Assistant Director	19
4.	Dr. Meenakshi Mahajan, Assistant Director	12

5.	Dr. Rajesh Kumar, Assistant Director	18
6.	Dr. V. S. Jamwal, Scientific Officer	18
7.	Dr. G. C Thakur, Scientific Officer	47
8.	Sh. Rajesh Kumar, Scientific Officer	11
9.	Sh. Visheshwar Sharma, Scientific Officer	24
10.	Sh. Chaman Lal Sharma, Scientific Assistant	05
11.	Sh. Ajay Segal, Scientific Assistant	16
12.	Sh. Nasib Singh Patial, Scientific Assistant	13

#### **COURSES ATTENDED BY THE SCIENTIFIC STAFF**

<b>S.No.</b>	<b>Name and Designation</b>	<b>Date</b>	<b>Course name and venue</b>
1.	Dr. J.R. Gaur, Director, State Forensic Science Laboratory, Himachal Pradesh	10/06/06	Attended one-day workshop on DNA at New Delhi.
		29/08/06	International symposium on DNA at Ministry of Home Affairs, Govt. of India, New Delhi.
2.	Dr. Arun Sharma, Assistant Director, Biology & Serology	21/06/06 to 23/06/06	Practical training at Wild Life Institute of India at Dehradun
		11/12/06 to 15/12/06	Training on Genetic Analyser at Gurgaon, New Delhi.
		31/01/07 to 28/02/07	Training on DNA Profiling at NICFS, New Delhi.
3.	Dr. G.C. Thakur, Scientific Officer	11/12/06 to 15/12/06	Training on Genetic Analyser at Gurgaon, New Delhi.
4.	Dr. Rajesh Kumar, Assistant Director, Physics & Ballistics	November	“Office Procedures and Financial Administration” at HIPA.

		16/12/06 to 28/12/06	Technical & Legal aspects in Polygraph, Narco Analysis and Brain Mapping at NICFS, New Delhi.
5.	Dr. Meenakshi Mahajan, Assistant Director, Document & Photography.	April 06 to Sept. 06	Overseas Fellowship programme at Tokyo Metropolitan University Japan.
6.	Sh. Visheshwar Sharma, Scientific Officer, Document & Photography.	28/06/06 to 30/06/06	Course on "Forensic Document Examination" at GEQD Shimla.
		28/06/06 to 30/06/06	Forensic Document Examination at GEQD Shimla.
7.	Sh. C.L. Sharma, Scientific Assistant, NDPS	03/09/06 to 08/09/06	Training on NDPS at CFSL, Chandigarh.
8.	Sh. Mam Raj, Scientific Assistant, Document & Photography	28/06/06 to 30/06/06	Course on Forensic Document Examinations at GEQD Shimla.

#### CONFERENCES/MEETINGS/SEMINARS ATTENDED

S.No.	Name and Designation	Date	Remarks
1.	Dr. J.R. Gaur*, Director, State Forensic Science Laboratory, Himachal Pradesh	27/04/06	Attended second meeting of the H.P. Forensic Science Development Board with Hon'ble Chief Minister of Himachal Pradesh.
		04/04/06	Attended meeting with the Principal Secretary (Home) & Vigilance, to the Government of Himachal Pradesh regarding one year action plan and five year action plan at H.P. Secretariat, Shimla.
		03/05/06	Meeting regarding modernization of Police Forces Scheme 2006-07 with the Principal Secretary (Home) & Vigilance, to the Government of Himachal Pradesh.
		27/07/06	Attended meeting regarding Modernization Plan at MHA, GOI, New Delhi.
		29/08/06	Attended one-day symposium on DNA at Vigyan Bhawan, New Delhi.
		14/10/06	Attended seminar at H.P. High Court Shimla and delivered an invited talk on Fingerprints, Cyber Forensics and DNA Fingerprinting.

		28/10/06	Attended and addressed seminar on NDPS cases organised by the H.P. State Judicial Academy.
		08/12/06	Attended and delivered an invited talk in the conference on Forensic Odontology in H.P. Dental College at Shimla.
2.	Dr. Arun Sharma, Assistant Director	29/08/06	Attended DNA International Symposium at Vigyan Bhawan, MHA, GOI, New Delhi.
3.	Dr. B.R. Rawat, Assistant Director	12/07/06	Attended seminar at Shimla.
4.	Sh. Visheshwar Sharma, Scientific Officer	11/08/06 to 13/08/06	National Symposium on “Cyber Forensic and Computer Crime” at Panjabi University, Patiala.

\* Director, State Forensic Science Laboratory, Himachal Pradesh also attended 35 official meetings during the period at State Headquarters.

## TRAINING

- (a.) 07 Officers/officials were sent for training from State FSL (H.P) during the year 2006-07.
- (b.) Forensic Science Awareness Week was celebrated from 31/12/2006 to 06/01/2007 and an exhibition was organised in the laboratory campus in which officers and officials from the Police and general public was introduced to the science of Forensics through interactive audio and visual mediums. Slogans and radio talks were broadcasted from the All India Radio, Shimla during the period.
- (c.) Ms. T. Dolkar, Deputy Director General (North Zone), All India Radio with a team of 22 Directors of North Zone (All India Radio) visited the laboratory on 31/07/2006 and 01/08/2006. The team was introduced to the functioning of the laboratory by Dr. J.R. Gaur, Director, State Forensic Science Laboratory, Himachal Pradesh.
- (d.) Following courses were organised by the State Forensic Science Laboratory during 2006-07 in which 548 Officers and officials were trained:

**1. SR. DIVISION JUDGES OF HIMACHAL PRADESH**

<b>Course Title &amp; Course Director</b>	<b>Participants</b>	<b>No. of Participants</b>
1. First Course on Recent Advances in Forensic Science for Sr. Division Judges (21/08/06 to 25/08/06)  Dr. J.R. Gaur, Director	Distt. & Session Judges  Special Secretary Law  Addl. District & Session Judges	10  01  04
2. Second Course on Recent Advances in Forensic Science for Sr. Division Judges (18/09/06 to 22/09/06).  Dr. J.R. Gaur, Director	Addl. Secretary Law  Presiding Officer, FTC  CJMs	04  01  04
3. Third Course on Recent Advances in Forensic Science for Sr. Division Judges (13/11/06 to 17/11/06).  Dr. J.R. Gaur, Director		09
Total No. of Participants		<b>29</b>

**2. NEWLY RECRUITED JUDICIAL OFFICERS**

<b>S.No.</b>	<b>Course Title, Date &amp; Course Director</b>	<b>Designation/Rank of Participants</b>	<b>Total No. of Participants</b>
1.	Course on the use of Forensic Science in Crime Investigation and Administration of Justice from 17/04/06 to 22/04/06  Dr. J.R. Gaur, Director	Judicial Officers	05
2.	Course on Forensic Science from 09/10/06 to 13/10/06  Dr. J.R. Gaur, Director	Judicial Officers	08
		<b>Total</b>	<b>13</b>

**3. ASSISTANT DISTRICT ATTORNEYS & HPS OFFICER**

S.No.	Course Title, Date & Course Director	Designation/Rank of Participants	Total No. of Participants
1.	Two days attachment Programme on “Forensic Science” on 27, 28/11/2006  Dr. J.R. Gaur, Director	Assistant District Attorneys  HPS Officer	17  01
		<b>Total</b>	18

**4. INVESTIGATING OFFICERS OF POLICE**

S.No.	Course Title, Date & Course Director	Designation/Rank of Participants	Total No. of Participants
1.	<b>Special Course on Investigation for Graduate Lower Class Pass Candidates</b> (06/02/2006 to 10/02/2006)  Dr. G.C. Thakur	HC Constable	20 03  23
2.	<b>Course on Scientific Technique to Detect Crime</b> (19/06/06 to 24/06/06)  Dr. B.R. Rawat	SI ASI HC	01 04 15 20
3.	<b>Course on Forensic Physics &amp; Ballistics</b> (24/07/06 to 26/07/06)  Dr. Rajesh Kumar	ASI HC	04 11 15
4.	<b>Special course on Investigation for Graduate Lower Class Course Pass Candidates</b> (28/09/06 to 01/09/06)  Sh. Visheshwar Sharma	Inspector SI ASI HC	01 06 05 10 22
5.	<b>Course on Scientific Techniques to Detect Crime</b> (11/09/06 to 16/09/06)  Dr. V.S. Jamwal	SI ASI HC	01 08 12 21
6.	<b>Course on Forensic Physics &amp; Ballistics</b> (04/10/06 to 06/10/06)  Sh. Rajesh Kumar	Inspector SI HC	01 05 13 19
7.	<b>Course on Fingerprints and Footprints</b> (04/12/06 to 08/12/06)	Inspector	01

	Dr. Arun Sharma	ASI HC	01 22	24
8.	<b>Special course on investigation for Graduate lower class course pass candidates (18/12/06 to 23/12/06)</b> Dr. Meenakshi Mahajan	ASI HC	02 15	17
9.	<b>Course on Investigation for Graduate Lower class pass Candidates (26/02/2007 to 03/03/2007)</b> Dr. G.C. Thakur	ASI HC	02 17	19
		<b>Total</b>		180

#### 5. INVESTIGATING OFFICERS AT DISTRICT HEADQUARTERS ON SCIENTIFIC AIDS TO INVESTIGATION

S No.	Name of District	Date	No. of Participants		Course Director & members
1.	Shimla	06-07 June 2006	ASI HC	09 15	<b>Dr. J.R. Gaur, Director</b> Dr. G.C. Thakur, Scientific Officer Sh. Mam Raj, Scientific Assistant Sh. Prem Kumar, Lab. Attendant
2.	Solan	06-07 June 2006	SI ASI HC C	02 05 19 13	<b>Dr. B.R. Rawat, Assistant Director</b> Dr. V.S. Jamwal, Scientific Officer Sh. Madan Gopal Lab. Assistant Sh. Jasmir Sing, Lab. Attendant
3.	Sirmaur	08-09 June 2006	Inspector SI ASI HC C	01 03 05 15 07	<b>Dr. B.R. Rawat, Asstt. Director,</b> Dr. V.S. Jamwal, Scientific Officer Sh. Madan Gopal Lab. Assistant Sh. Jasmir Singh, Lab. Attendant
4.	Una	13-14 June 2006	Inspector SI ASI HC C	04 06 15 09	<b>Dr. Arun Sharma, Assistant Director</b> Sh. Visheshwar, Scientific Officer Sh. Jaswant Singh, Lab. Assistant Sh. Santosh Singh, Lab Attendant
5.	Chamba	16-17 June 2006	ASI HC	05 06	<b>Dr. Arun Sharma, Assistant Director</b> Sh. Visheshwar, Scientific Officer Sh. Jaswant Singh, Lab. Assistant Sh. Santosh Singh, Lab Attendant

6.	Kangra	13-14 June 2006	Inspector SI ASI HC C	02 03 12 15 03	<b>Dr. J.R. Gaur, Director</b> Dr. G.C. Thakur, Scientific Officer Sh. Mam Raj, Scientific Assistant Sh. Prem Kumar, Lab Attendant
7.	Hamirpur	15-16 June 2006	SI ASI HC C	02 06 19	<b>Dr. J.R. Gaur, Director</b> Dr. G.C. Thakur, Scientific Officer. Sh. Mam Raj, Scientific Assistant Sh. Prem Kumar, Lab Attendant
8.	Bilaspur	27-28 June 2006	Inspector SI ASI HC C	01 02 08 06 01	<b>Dr. Rajesh Kumar, Assistant Director</b> Sh. Rajesh Kumar, Scientific Officer, Sh. Madan Gopal, Lab Assistant Sh. Brij Lal Lab. Attendant
9.	Mandi	04-05 July 2006	Inspector SI ASI HC	03 03 07 09	<b>Dr. B.R. Rawat, Assistant Director</b> Dr. V.S. Jamwal, Scientific Officer Sh. Madan Gopal Lab. Assistant Sh. Jasmir Singh, Lab. Attendant
10.	Kullu	06-07 July 2006	SI ASI HC	03 03 14	<b>Dr. J.R. Gaur, Director</b> Dr. G.C. Thakur, Scientific Officer Sh. Mam Raj, Scientific Assistant Sh. Prem Kumar, Lab Attendant
11.	Lahual Spiti	08-0 July 2006	SI ASI HC	03 06 19	<b>Dr. J.R. Gaur, Director</b> Dr. G.C. Thakur, Scientific Officer Sh. Mam Raj, Scientific Assistant Sh. Prem Kumar, Lab Attendant
12.	Kinnaur	12-13 July 2006	SI ASI HC C	01 05 11 02	<b>Dr. Arun Sharma, Assistant Director</b> Sh. Visheshwar, Scientific Officer Sh. Jaswant Singh, Lab. Assistant Sh. Santosh Singh, Lab Attendant
<b>Inspectors</b>			<b>07</b>		
<b>Sub Inspectors</b>			<b>26</b>		
<b>Assistant Sub Inspectors</b>			<b>77</b>		
<b>Head Constables</b>			<b>163</b>		
<b>Constables</b>			<b>35</b>		
<b>Total Trainees</b>			<b>308</b>		

## **RESEARCH AND DEVELOPMENT**

- 03 Research Papers were published in the different scientific journals of repute, 04 Research Papers were presented in the different seminar/conferences and 07 Research Papers have been communicated for publication/presentation in the scientific journals, seminars and conferences from this laboratory during the year 2006-07.
- Dr. Meenakshi Mahajan, Assistant Director, Document & Photography was granted study leave by the State Government from April to September 2006 to attend overseas fellowship programme in the Tokyo Metropolitan University Japan in which she obtained a certificate and medal for quality research work.
- Instructional Material for scientific investigation (SOP), on Forensic Science, prepared and circulated to the Police for using in the scientific investigations of crime.

## **BOOK PUBLISHED**

- Book titled “A compendium of Forensic Science” by Dr. J.R. Gaur, Director, State Forensic Science Laboratory, Himachal Pradesh, Jurga was released by the Hon’ble Chief Minister of Himachal Pradesh.
- Nayayalik Vigyan Sangrah written by Dr. J.R. Gaur, Director, State Forensic Science Laboratory, Himachal Pradesh.

## **RADIO TALKS**

1. “Apradh Anveshan mein janta ka sahyog” at All India Radio, Shimla broadcasted on 02/01/2006 at 7:30 am by Dr. J.R Gaur, Director.
2. “Role of All India Radio in the Socio-economic growth of Himachal Pradesh since last 50 years” at AIR, Shimla by Dr. J.R. Gaur, Director.
3. Radio talk on “DNA Profiling” at All India Radio by Dr. J.R. Gaur, Director.

## SCENES OF CRIME/COURT EVIDENCES

In total 23 scenes of crime were attended and reports were given during the year 2006-07 by various officers of the State FSL (H.P). The cases pertained to thefts, Homicides, Suicides, Accidents, Fires and Explosions. The scenes of crime re-constructions were carried out in several cases. The details of scenes of crimes and court evidences attended are given below:

### SCENE OF CRIME ATTENDED BY DIFFERENT OFFICERS/OFFICIALS OF STATE FORENSIC SCIENCE LABORATORY, HIMACHAL PRADESH

Sl. No.	Date/Year	Case particulars	Attended by
1.	10/04/06	Case FIR No. 57/06 dated 10/04/06 u/s 436 IPC, P.S. Theog	Dr. Arun Sharma Dr. G.C. Thakur
2.	04/05/06	Case FIR No. 71/06 dated 04/05/06 u/s 457, 380 IPC P.S. Theog.	Dr. J.R. Gaur Dr. Rajesh Kumar Dr. G.C. Thakur
3.	13/05/06	SOC report in Case FIR No. 42/06 dated 26/03/06 u/s 306, 34 IPC, P.S. Barotiwala, Distt. Solan	Dr. G.C. Thakur
4.	26/05/06	Case FIR No. 96/06 dated 17/06/06 u/s 336, 436 IPC, P.S. Indora, Distt. Kangra.	Sh. Rajesh Kumar Sh. Nasib Singh Sh. Luxmi Dutt Sh. Madan Gopal
5.	26/05/06	Case FIR No. 48/06 dated 26/04/06 u/s 302 IPC, P.S. Karsog, Distt. Mandi	Dr. Arun Sharma
6.	20/11/06	Case Fir No. 63/06 dated 26/06/06 u/s 279, 304 IPC P.S. Kandaghat, Distt. Solan	Dr. Arun Sharma
7.	13/08/06	SOC report in case FIR No. 204/06 dated 13/08/06 u/s 302,201,34 IPC P.S. Nalagarh, Distt. Solan	Dr. J.R. Gaur
8.	28/08/06	SOC report in case FIR No. 51/06 dated 27/08/06 u/s 285, 336, 304 A IPC P.S. Bharmaur, Distt. Chamba	Dr. Rajesh Kumar Dr. G.C. Thakur Sh. Nasib Singh Sh. Jaswant Singh
9.	27/10/06	SOC report regarding in case death of deceased Nand Lal u/s 174 Cr. PC P.S. Pooh. Distt. Kinnaur.	Dr. Arun Sharma Sh. Visheshwar Sharma
10.	30/10/06	Case FIR No 256/06 dated 29/09/06 U/S 302/380/201 IPC PS Palampur, Distt Kangra.	Dr. G.C.Thakur
11.	03/11/06	Case FIR No. 437/06 dated 01/11/06 u/s 336, 337 IPC, P.S. Sundernagar, Distt. Mandi	Sh. Rajesh Kumar Sh. Nasib Singh
12.	11/11/06	SOC at Chauhata Bazar, Mandi	Dr. V.S. Jamwal

13.	16/11/06	Case Fir No. 274/06 dated 11/11/06 u/s 302, 34 IPC, P.S. Dharmshala, Distt. Kangra.	Sh. Ajay Sehgal
14.	18/07/06	SOC report in case FIR No. 63/06 dated 26/06/06 u/s 279, 304 IPC P.S. Kandaghat, Distt. Solan	Dr. Arun Sharma
15.	21/11/06	Case FIR No. 35/06 dated 19/11/06 u/s 336, 304A IPC P.S. Pooh, Distt. Kinnaur	Sh. Rajesh Kumar Sh. Nasib Singh Sh. Prem Kumar
16.	21/11/06	Report No. 27 dated 20/11/06 PP Baddi.	Dr. B.R. Rawat Sh. Hari Krishan
17.	25/11/06	Case FIR No. 25/06 dated 24/02/06 u/s 285 IPC, P.S. Karsog, Distt. Mandi	Dr. J.R. Gaur
18.	23/12/06	Death report of Kundan Lal, P.S. Rampur, Distt. Shimla	Dr. G.C. Thakur Sh. Nasib Singh Sh. Prem Kumar
19.	13/01/07	In case FIR No. 01/07 dated 03/01/07 u/s 302, 457 PS Pooh, District Kinnaur.	Dr. Arun Sharma,
20.	16/01/07	In case FIR No. 05/07 dated 15/01/07 u/s 302 P.S. Solan	Dr. Arun Sharma.
21.	22/01/07	Case FIR No. 16/07 dated 22/01/07 u/s 304 A P.S. Una, Distt. Una	Dr. B.R. Rawat
22.	20/02/07	In case FIR No. 19/07 dated 20/02/07 P.S. Anni, Distt. Kullu	Dr. B.R. Rawat
23.	24/10/07	Case FIR No. 256/06 dated 21/10/06 u/s 285, 427 IPC, P.S. Dharmshala, Distt. Kangra	Dr. Arun Sharma

### COURT EVIDENCE GIVEN BY OFFICERS/OFFICIALS OF FORENSIC SCIENCE LABORATORY, HIMACHAL PRADESH

Sl. No.	Name & Designation of Officer/Official	Number of Court evidences
1.	Dr. J. R. Gaur, Director	03
2.	Dr. Arun Sharma, Assistant Director	05
3.	Dr. B. R. Rawat, Assistant Director	04
4.	Dr. Meenakshi Mahajan, Assistant Director	16
5.	Dr. V. S. Jamwal, Scientific Officer	15
6.	Dr. G. C. Thakur, Scientific Officer	11
7.	Sh. Visheshwar Sharma, Scientific Officer	19
8.	Sh. Rajesh Kumar, Scientific Officer	07
9.	Sh. Ajay Sehgal, Scientific Assistant	01

## CASE STATISTICS OF THE STATE FORENSIC SCIENCE LABORATORY, HIMACHAL PRADESH, JUNGA

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 & Serology	34	411	455	386	59
Chemistry & Toxicology	350	1388	1738	1302	436
Physics & Ballistics	30	173	203	186	17
Documents & Photography	32	182	214	196	18
NDPS	-	81	81	61	20
<b>Total</b>	<b>446</b>	<b>2235</b>	<b>2681</b>	<b>2131</b>	<b>550</b>

### RESEARCH PAPERS PUBLISHED

Various scientific research papers were written by the scientists of this laboratory during the year 2006-07. The details of research papers published, presented and communicated for publication is given below:

### LIST OF RESEARCH PAPERS PUBLISHED / PRESENTED/COMMUNICATED AND RADIO TALKS DELIVERED BY DIFFERENT SCIENTISTS

S. No.	Name of Author(s)	Title of the Research Paper	Remarks
1.	Gaur, J.R. (2006)	“The problems of Drug menace NDPS Crime Investigation, prosecution and the administration of Justice”	Presented in the H.P. State Judicial Academy, Shimla.
2.	Gaur, J.R. (2006)	“Forensic Odontology and Human Identity”	Presented and published in the All India Conference of Public Health Dentistry on


- December 2006 at HIPA.
3. Gaur, J.R. (2006) "Forensic Examinations unveiled the mystery of an accidental fall" Communicated for the presentation in the 18<sup>th</sup> All India Forensic Science Conference.
  4. Gaur, J.R. (2006) "Role of All India Radio in the Socio-economic growth of Himachal Pradesh since last 50 years" Presented in the Seminar of AIR, Shimla on the completion of 50 years of All India Radio.
  5. Gaur, J.R. (2006) "Crime Conviction imbalance and the use of Forensic Science Evidence" Published in the Indian Police Journal, Vol. L-II No. 3.
  6. Gaur, J.R. (2006) "Scientific Investigation to reveal the cause of explosion – A case Report" Communicated for the presentation in the 18<sup>th</sup> All India Forensic Science Conference.
  7. Gaur, J.R. (2007) "Expert Evidence in the Courts of Law" Presented in the seminar on Expert Witnesses & their Training" organised by Punjab & Haryana High Court Bar Association at Chandigarh.
  8. Dr. Rajesh Kumar  
Sh. N.S. Patial  
Sh. Visheshwar Sharma (2007) "Instrumental Methods of Comparing Paper – A Case Report" Communicated for publication to the Indian Journal of Criminology & Criminalistics, NICFS, New Delhi.
  9. Dr. Rajesh Kumar  
Sh. N.S. Patial (2007) "A study of the trends of firearm offences in Himachal Pradesh" Communicated for publication to the CBI Bulletin, New Delhi.
  10. Dr. Rajesh Kumar  
Sh. N.S. Patial  
Sh. Chander Kant (2006) "Identification & Comparison of Aluminium Cables on the basis of Tensile Properties" Communicated for publication to the CBI Bulletin, New Delhi.
  11. Dr. Rajesh Kumar  
Sh. N.S. Patial (2006) "Evaluation of Instrumental Methods of forensic fabric Comparison" Communicated for publication to the Indian Police Journal, New Delhi.
  12. Mahajan, Meenakshi (2006) "Examination of writings concealed by Black colored Adhesive Tapes," Accepted for publication in the Journal of Forensic Science in 2007.

## **HONOURS AND AWARRDS**

**Dr. J.R. Gaur, Director, State Forensic Science Laboratory, Himachal Pradesh, received award of Rs. 15,000/- from the Bureau of Police Research & Development on the book titled “Nayayalic Vigyan Ek Parichay” under Pandit Govind Vallabh Pant National Puruskar Yojna of Ministry of Home Affairs, New Delhi.**

## **FUTURE VISION.**

**The introduction of DNA Technology in crime investigation and the administration of Justice, and establishment of Regional Forensic Science Laboratories for providing quick services at the scenes of crime and further development of State Forensic Science Laboratory by introducing Hi-tech machines as deterrents to contemporary criminals and to provide all scientific assistance to the criminal justice system in the State is the future vision of the State Forensic Science Laboratory, Himachal Pradesh.**



Director  
State Forensic Science Laboratory,  
Himachal Pradesh, Junga- 173216.