

**LOKNAYAK JAYAPRAKASH NARAYAN
NATIONAL INSTITUTE OF CRIMINOLOGY
AND FORENSIC SCIENCE**

ANNUAL REPORT

2014-15



लोक नायक जयप्रकाश नारायण राष्ट्रीय अपराध शास्त्र एवं विधि-विज्ञान संस्थान
LNJN National Institute of Criminology and Forensic Science
Ministry of Home Affairs, Government of India
DELHI Website: nicfs.nic.in INDIA



TRAINING COURSES/SEMINARS HELD DURING THE YEAR

- 1. Advancing Justice through DNA Technology** was held from 09 April 2014 to 11 April 2014 with the objectives; (i) To familiarize the participants about the significance of Forensic DNA testing in civil and criminal cases. (ii) To update the participants regarding the latest advances in Forensic DNA Testing. (iii) To evolve from collective experience of participants such specific suggestions and action points (for higher efficiency) which can be implemented with minimal expenditure and without changes in laws. It was attended by 30 Officer of level of Judges/Magistrates, Dy. SP/ACP and above, Prosecution Officials, Defence Personnel, SSO and above from CFSLs/FSLs. Dr. K. P. S. Kushwaha, Assistant Professor (Biology) directed the Course.
- 2. Course on Scientific Investigation of Crime Involving Firearms** was held from 15 April 2014 to 17 April 2017 with the objectives; (i) To make the participants aware of related physical evidence and to discuss various points concerning crime scene examination (ii) To familiarise the participants about proper evaluation of gun-shot injuries. (iii) To identify various factors leading to contradictions between eye-witness accounts and opinions of autopsy surgeons, and to discuss how to avoid such contradictions (iv) To expose the participants to latest instrumentation techniques useful in examination of physical evidence (v) To evolve from collective experience of participants such specific suggestions and action points (for higher efficiency) which can be implemented with minimal expenditure and without changes in laws. It was attended by 30 Officers of level of Higher Judicial Service Officers, Dy. SP/ACP & above, Prosecution Officials, Defence Personnel, SSO and above from CFSL/FSL, Medical Jurist. Dr J K Modi, Assistant Professor (Ballistics) directed the course.
- 3. Course on Digital Evidence** was held from 28 April 2014 to 02 May 2014 with the objectives; (i) To sensitise participants to various techniques of handling, collection and preservation of digital evidences. (ii) To acquaint participants with the procedures of packaging and forwarding of digital evidence and maintaining chain- of- custody. (iii) To make the participants aware of the legal provisions of Information Technology Act & its amendments and emerging trends of Cyber Crimes. (iv) To evolve from collective experience of participants such specific suggestions and action points (for higher



efficiency) which can be implemented with minimal expenditure and without changes in laws. It was attended by 38 Officers of level of Dy. SP/ ACP & Above, Prosecution Officials, SSO and above from CFSLs/FSLs, Forensic Science Teachers. Shri J K Semwal, Assistant Professor (Document) directed the course.

4. **Course on Crime and Justice** was held from 05 May 2014 to 09 May 2014 with the objectives; (i) To make the participants understand the dynamics of crime and criminal behaviour (ii) To expose the participants to new challenges of the criminal justice system and to explore their prevention and control strategies (iii) To facilitate interaction amongst Officers from different sectors of the Criminal Justice System, with a view to bringing about better understanding of problems and coordination (iv) To evolve from collective experience of participants such specific suggestions and action points (for higher efficiency) which can be implemented with minimal expenditure and without changes in laws. It was attended by 28 Officers of level of Higher Judicial Service Officers, SP /DCP & above, Prosecution Officials, Defence Personnel, Prison /Welfare Correctional Administrators. Dr. B.N. Chattoraj, Professor (Criminology) directed the course.

5. **Seminar on Crime against Scheduled Castes and Scheduled Tribes** was held from 13 May 2014 to 16 May 2014 with the objectives; (i) To examine existing legislative and administrative measures for prevention and control of crime against SC/ST. (ii) To analyse difficulties and constraints in investigation and prosecution of cases relating to crime against SC/ST. (iii) To evolve by discussion ways and means for prevention and control of crime against SC/ST. (iv) To evolve from collective experience of participants such specific suggestions and action points (for higher efficiency) which can be implemented with minimal expenditure and without changes in laws. It was attended by 28 Officers of level of Higher Judicial Service Officers, SP/DCP and above, Prosecution Officials, Defence Personnel and Prison/ Correctional/ Welfare Administrators. Ms. Minakshi Sinha, Reader (Sociology) directed the course.

6. **Course on Explosives and Explosion Investigation** was held from 19 May 2014 to 23 May 2014 with the objectives; (i) To enable the participants to identify and collect evidence material from the crime scene. (ii) To familiarize the participants with various types of improvised explosive devices and explosive substances used. (iii) To expose the

participants to latest instrumental techniques useful in analysis of explosives. (iv) To acquaint the participants with the equipment used for detection of explosives substances and devices including land mines bombs. (v) To expose the participants to evidentiary requirements for successful prosecution. (vi) To evolve from collective experience of participants such specific suggestions and action points (for higher efficiency) which can be implemented with minimal expenditure and without changes in laws. It was attended by 28 Officer of level of Dy. SP/ACP & above, Prosecution Officials and SSO & above from CFSLs/FSLs. Dr. J.R. Sethi, Assistant Professor (Chemistry) directed the course.

7. Course on Expert Testimony in Criminal Trial was held from 26 May 2013 to 31 May 2013 with the objectives; (i) To discuss issues in credibility of expert testimony in different disciplines of Forensic Science and Forensic Medicine. (ii) To discuss the grounds on which expert evidence is based. (iii) To enlighten the participants about the limitations of expert opinion. (iv) To evolve from collective experience of participants such specific suggestions and action points (for higher efficiency) which can be implemented with minimal expenditure and without changes in laws. It was attended by 34 Officer of level of Judges / Magistrates, Dy. SP/ACP and Above, Prosecution Officials, SSO and above from CFSLs / FSLs. Dr J K Modi, Assistant Professor (Ballistics) directed the course.

8. Course on Crime against Women & Children was held from 30 June 2014 to 04 July 2014 with the objectives; (i) To overview and analyse the trend, magnitude and forms of crime against women and children in India and in other countries, (ii) To sensitise participants about recent legislative and administrative measures for the protection of women and children from crime, (iii) To identify avenues for better coordination amongst Criminal Justice Functionaries for fighting against crime against women and children, (iv) To suggest ways and means for prevention and control of crime against women and children in all spheres of social life, through peaceful and amicable manner, and (v) To evolve from collective experience of participants such specific suggestions and action points (for higher efficiency) which can be implemented with minimal expenditure and without changes in laws. It was attended by 36 Officers of level of Police, Judiciary, Prosecution, CPO, CFSLs/ FSL from 17 States and 1 from RPF. Ms. Minakshi Sinha, Reader (Sociology) directed the course.

- 9. Course on Forensic Science and Forensic Medicine** was held from 07 July 2014 to 11 July 2014 with the objectives; (i) To familiarize the participants about the scope of applicability of Forensic Science and forensic medicine in Criminal Justice System. (ii) To update the participants regarding the latest advances in Forensic Science and Forensic Medicine. (iii) To evolve from collective experience of participants such specific suggestions and action points (for higher efficiency) which can be implemented with minimal expenditure and without changes in laws. It was attended by 34 Officers of level of Judges/Magistrates, Dy. SP/ACP & above, Prosecution Officials, Government Medical Officers, Defence Officers and SSO & above from CFSLs/FSLs. Dr. K. P. S. Kushwaha, Assistant Professor (Biology) directed the Course.
- 10. Course on Victimology and Victim Justice** was held from 14 July 2014 to 18 July 2014 with the objectives; i) To understand the basic philosophy, principle and scope of Victimology ii) To identify the factors propelling victimization (iii) To know the dynamics inherent in victim-offender relationship in crime causation. (iv) To learn about the patterns of victimization (v) To assess the victim-assistance programmes of the governmental and non-governmental organizations. (vi) To discuss the participation of the victims in the Criminal Justice System. It was attended by 34 Officers of level of Judges/Magistrates, Dy. SP/ACP and above, Prosecution Officials, Defence Officer & Prison/Correctional /Welfare including 4 international participants. Shri Sankalp Anand, Lecturer (Sociology) directed the course.
- 11. Course on Document Examination for CJF** was held from 21 July 2014 to 25 July 2014 with the objectives; (i) To familiarize the participants about the nature and scope of Forensic Document Examination and to make them 'document conscious'. (ii) To enlighten the participants about the preliminary techniques and examination of disputed documents. (iii) To appreciate requirement of the expert evidence in the trial Courts. (iv) To evolve from collective experience of participants such specific suggestions and action points (for higher efficiency) which can be implemented with minimal expenditure and without changes in laws. It was attended by 40 Officers of level of Judges / Magistrates, Dy. SP, ACP & Above, Prosecution Officials, Custom Officers SSO and above from CFSLs/FSLs. Shri J K Semwal, Assistant Professor (Document) directed the course.



12. Workshop on Speaker Identification and Tape Authentication was held from 30 July 2014 to 01 August 2014 with the objectives; (i) To acquaint the participants about the importance of Audio-video evidence (ii) To make the participants aware of various recording media and recording of samples. (iii) To expose the participants to various techniques and protocol for handling of Audio-Video evidence and to authenticate the recordings, using advanced techniques and tools. (iv) To expose the participants to develop and upgrade this technique in their Institutes/Labs. (v) To evolve from collective experience of participants such specific suggestions and action (for higher efficiency) which can be implemented with minimal expenditure and without changes in laws. It was attended by 36 Officers of level of Judges/Magistrates, Dy. SP/ACP & above, Prosecution Officials, Government Medical Officers, Defence Officers and SSO & above from CFSLs/FSLs. Dr. A.C. Rajvanshi, Dy. Director (Forensic Science) directed the course.

13. Course on Management of Antisocial & Criminal Behaviour was held from 04 August 2014 to 08 August 2014 with the objectives; (i) To apprise the participants with the dynamics of undesirable as well as anti-social and criminal behaviour (ii) To acquaint them with different ways and means which can be helpful to change undesirable and criminal behaviour (iii) To make them aware of different approaches to deal with deviant and criminal behaviour. (iv) To evolve from collective experience of participants such specific suggestions and action points for higher efficiency) which can be implemented with minimal expenditure and without changes in laws. It was attended by 43 Officers of level of Judges/Magistrates, Dy. SP/ACP & above, Prosecution Officials, Government Medical Officers, Defence Officers and SSO & above from CFSLs/FSLs. Dr. B.N. Chattoraj, Professor (Criminology) directed the course.

14. Course on Forensic Evidence of Human Trafficking was held from 12 August 2014 to 14 August 2014 with the objectives; (i) To acquaint the participants regarding various types of human trafficking (ii) To update the participants about the types of forensic evidence materials that may be recovered in such cases and the techniques of their analysis. (iii) To evolve from collective experience of participants such specific suggestions and action points (for higher efficiency) which can be implemented with minimal expenditure and without changes in laws. It was attended by 26 Officers of level of Higher Judicial Service Officers, Judges/Magistrates, DCP and Above, Prosecution

Officials, SSO and above from CFSLs/FSLs. Dr. K. P. S. Kushwaha, Assistant Professor (Biology) directed the Course.

15. Workshop on Instrumentation Techniques in Forensic Science was held from 20 August 2014 to 22 August 2014 with the objectives; (i) To provide training on operation of various analytical equipment (ii) To sensitise the participants to importance of calibration of equipment (iii) To enable participants to interpret result correctly. (iv) To highlight the importance of proper maintenance and correct utilization of analytical equipment. (v) To evolve from collective experience of participants such specific suggestions and action points (for higher efficiency) which can be implemented with minimal expenditure and without changes in laws. It was attended by 35 Officers of level of Forensic Scientists of CFSL / FSL, Forensic Science Teacher. Shri P. Sharma, Sr. Scientific Assistant (Toxicology) directed the course.

16. Course on Adulteration of Petroleum Products was held from 25 August 2014 to 29 August 2014 with the objectives; (i) To familiarize the enforcement agencies with the proper procedure for sampling, packing and forwarding of adulterated fuel samples. (ii) To familiarize them with critical parameters of analysis of motor gasoline and diesel. (iii) To evolve probable solution of analysis of these samples from the point of view of successful trial. (iv) To evolve from collective experience of participants such specific suggestions and action points (for higher efficiency) which can be implemented with minimal expenditure and without changes in laws. It was attended by 35 Officers of level of Judges/Magistrates, Dy. SP/ACP & above, Prosecution Officials, Government Medical Officers, Defence Officers and SSO & above from CFSLs/FSLs including 4 international participants. Dr. J.R. Sethi, Assistant Professor (Chemistry) directed the course.

17. Course on Prevention and Control of Drug Abuse was held from 01 September 2014 to 05 September 2014 with the objectives; (i) To understand the scenario of drug supply in India. (ii) To appraise the participants about the scientific explanation of drug addiction. (iii) To appraise the participants about the role of society, police and NGO's in prevention and control of drug abuse. (iv) To analyze the efficacy of drug control laws and their status of implementation. (v) To provide a platform for the senior level functionaries of Criminal Justice System to exchange their ideas and experience regarding

the tackling of problem of drug abuse at national level. It was attended by 30 Officers of level of Judges/ Magistrates, Dy. SP/ ACP & above, Prosecution Officials & Prison/ Correctional/ Welfare Administrators. Shri Sankalp Anand, Lecturer (Sociology) directed the course.

18. Course on Human Rights was held from 08 September 2014 to 12 September 2014 with the objectives; (i) To acquaint the participants with the U N Conventions, the Constitution of India & other provisions and institutions relating to Human Rights. (ii) To instil a spirit of humanism for all human beings (including suspects , accused and convicts) in the minds of the participants. (iii) To evolve through consultative participation strategies and measures for reduction of Human Rights violations in India (iv) To evolve from collective experience of participants such specific suggestions and action points (for higher efficiency) which can be implemented with minimal expenditure and without changes in laws. It was attended by 36 Officers of level of Higher Judicial Service Officers, SP / DCP and above, Prosecution Officials, Prisons / Correctional / Welfare Administrators & Officers of State Human Rights Commissions including 5 international participants. Ms. Minakshi Sinha, Reader (Sociology) directed the course.

19. Training of Trainers Course in Criminology and Forensic Science was held from 29 September 2014 to 01 October 2014 with the objectives; (i) To enable the participants to analyze and develop a systematic understanding of the crime phenomenon in a changing society and to understand other useful concepts of Criminology. (ii) To sensitize the participants about importance of physical evidence and the methods of collection, preservation and transportation of physical evidence (iii) To expose the participants to developments in the fields of Criminology and Forensic Science for a scientific approach in crime investigation and trial. (iv) To enable them to appreciate, evaluate and interpret expert opinion. (v) To evolve from collective experience of participants such specific suggestions and action points (for higher efficiency) which can be implemented with minimal expenditure and without changes in laws. It was attended by Heads of Training Institutions or their nominees engaged in Course Design. Dr. A.C. Rajvanshi, Dy. Director (Forensic Science) directed the course.

20. Seminar on Crime against Senior Citizens was held from 08 October 2014 to 10 October 2014 with the objectives; (i) To analyse vulnerability of senior citizens to crime

in the context of social change and development. (ii) To discuss on various legal provisions particularly Maintenance and Welfare of Parents and Senior Citizens Act, 2007 and the issues involved in their proper implementation. (iii) To analyse the role of officials of the Criminal Justice System in protecting senior citizens and for the prevention and control of crime against them. (iv) To provide a forum for interaction amongst the Officers of Criminal Justice System and Experts and NGOs working in the field. (v) To evolve from collective experience of participants such specific suggestions and action points for higher efficiency) which can be implemented with minimal expenditure and without changes in laws. It was attended by 41 Officers of level of Judges/Magistrates, SP/DCP & above, Prosecution Officials, Defence Personnel, Prison/Correctional/Welfare Administrators including 5 international participants. Dr. B.N. Chatteraj, Professor (Criminology) directed the course.

21. Course on Drug Law Enforcement & Forensic Science was held from 13 October 2014 to 17 October 2014 with the objectives; (i) To provide exposure to the participants about the role of Forensic Science in drug law enforcement. (ii) To enhance their knowledge about the use of forensic evidence in drug law enforcement. (iii) To help them to identify their role in a multi-dimensional drug control strategy. (iv) To familiarize them with the procedures of sampling, packing and forwarding of drugs recovered from the suspect persons or places, and with the Laboratory procedures in the analysis of these samples. (v) To evolve from collective experience of participants such specific suggestions and action points (for higher efficiency) which can be implemented with minimal expenditure and without changes in laws. It was attended by 31 Officers of level of Spl. Judges, Public Prosecutors (NDPS), Officers on CAPF/Assam Rifles, Dy. SP/ACP & above, Defence Officers & SSO & above from CFSLs/FSLs including 5 international participants. Dr. J.R. Sethi, Assistant Professor (Chemistry) directed the course.

22. Course on Examination of Security Documents and Electronic Printouts was held from 27 October 2014 to 31 October 2014 with the objectives; (i) To familiarise the participants about the infrastructure available in the country for printing of Security documents (ii) To make the participants aware of various latest security features present in Indian Passports/Visa, bank notes and other security documents (iii) To familiarise the participants about diverse use and utilities of various modern office automation equipment for generating counterfeits/fake documents (iv) To make participants familiar



with the techniques of detection of fake/counterfeit security documents (v) To evolve from collective experience of participants such specific suggestions and action points (for higher efficiency) which can be implemented with minimal expenditure and without changes in laws. It was attended by 46 Officers of level of Judges/Magistrates, Dy. SP/ACP & above, Prosecution Officials, Government Medical Officers, Defence Officers and SSO & above from CFSLs/FSLs including 5 international participants. Shri J K Semwal, Assistant Professor (Document) directed the course.

23. Induction Course in Forensic Science for newly recruited Judicial Officers was held from 10 November 2014 to 28 November 2014 with the objectives; (i) To provide basic knowledge of various disciplines of forensic science. (ii) To make the participants aware of the importance of physical evidence. (iii) To apprise the participants about handling of various clue material at the scene of crime. (iv) To apprise the participants about the techniques of the laboratory examination. (v) To expose them to the developments in the field of forensic science with a view to utilize science in the investigation of crime and in trials. It was attended by 12 newly recruited Judicial Officers. Dr. K. P. S. Kushwaha, Assistant Professor (Biology) directed the Course.

24. Course on Latest Techniques in Forensic Investigation was held from 10 November 2014 to 15 November 2014 with the objectives; (i) To make the participants aware of the importance of physical evidence (ii) To familiarize the participants with the present stage of scientific knowledge as applied to investigation & trial of criminal cases. (iii) To expose them to latest developments in Forensic Science and their status in courts. (iv) To provide perspective for objective evaluation of expert evidence. (v) To evolve from collective experience of participants such specific suggestions and action points for higher efficiency) which can be implemented with minimal expenditure and without changes in laws. It was attended by 29 Officers of level of Higher Judicial Service Officers, SP/DCP & above, Prosecution Officials, Defence Personnel including 7 international participants. Dr J K Modi, Assistant Professor (Ballistics) directed the course.

25. Seminar on Prevention & Control of Corruption was held from 17 November 2014 to 19 November 2014 with the objectives; (i) To sensitize participants about causes and impact of corruption in India. (ii) To discuss important provisions of existing legislation

and case laws decided by various courts for prevention and control of corruption. (iii) To provide a platform to discuss problems and constraints faced in handling cases of corruption and to evolve ways and means for solving them. (iv) To evolve from collective experience of participants such specific suggestions and action points (for higher efficiency) which can be implemented with minimal expenditure and without changes in laws. It was attended by 38 Officers of level of Higher Judicial Service Officer, SP/DCP & above, Prosecution Officials, Defence Personnel & Prison /Correctional/Welfare Administrator including 5 international participants. Ms. Minakshi Sinha, Reader (Sociology) directed the course.

26. Course on Expediting Justice through Research was held from 24 November 2014 to 28 November 2014 with the objectives; (i) To induce a scientific temper in the minds of participants in realizing and examining realities associated with crime and criminal behaviour in socio-psychological contours. (ii) To apprise participants about the relevance and usefulness of social research in expediting the processes of justice. (iii) To familiarize them with major steps, procedures, methodologies to be followed in pursuing research and explain them research design and different modalities of processing, treatment and analysis of data, and (iv) To expose them to the diverse use and utilities of computer in the processing and analysis of research data. (v) To evolve from collective experience of participants such specific suggestions and action points (for higher efficiency) which can be implemented with minimal expenditure and without changes in laws. It was attended by 30 Officers of level of Higher Judicial Service Officers, SP/DCP and above, Prosecution Officials, Prisons / Correctional / Welfare Administrators including 5 international participants. Dr. B.N. Chattoraj, Professor (Criminology) directed the course.

27. Course on Correctional Administration was held from 30 December 2013 to 03 January 2014. Dr. B.N. Chattoraj, Professor (Criminology) directed the course.

28. Course on Forensic Aspects of Fire & Arson Investigation was held from 08 December 2014 to 12 December 2014 with the objectives; (i) To apprise the participants about various types of inflammable materials, explosives and devices used in fire and arson. (ii) To expose the participants to locate, collect, preserve and forward physical evidence to forensic science laboratory. (iii) To acquaint the participants with the latest

methods and technique used in the investigation of fire and arson cases. (iv) To enable the participants to appreciate, evaluate and interpret the opinion of the expert (v) To evolve from collective experience of participants such specific suggestions and action points (for higher efficiency) which can be implemented with minimal expenditure and without changes in laws. It was attended by 41 Officers of level of Judges/Magistrates, Dy. SP/ACP & above, Prosecution Officials, SSO & above from CFSLs/FSLs and Fire Officers including 5 international participants. Dr. J.R. Sethi, Assistant Professor (Chemistry) directed the course.

29. Course on Crime Scene Evidence was held from 15 December 2014 to 19 December 2014 with the objectives; (i) To make the participants aware of possible visible, trace and invisible evidence available at crime scene and their importance in criminal investigation and trial. (ii) To expose participants to various techniques and procedures about location, collection, preservation and forwarding of physical evidence to FSL. (iii) To sensitise participants about techniques available in Forensic Science for assistance in criminal investigation and trials. (iv) To enable the participants appreciate, evaluate and interpret expert opinion. (v) To evolve from collective experience of participants such specific suggestions and action points (for higher efficiency) which can be implemented with minimal expenditure and without changes in laws. It was attended by 35 Officers of level of Judges/Magistrates, Dy SP/ACP & Above, Prosecution Officials, Defence Personnel, SSO & above from CFSLs/FSLs Officers including 4 international participants. Dr J K Modi, Assistant Professor (Ballistics) directed the course.

30. Seminar on Delay in Criminal Trial was held from 22 December 2014 to 24 December 2014 with the objectives; (i) To identify legal, procedural and other reasons for delay in criminal trial in India. (ii) To analyse the implications of delayed criminal trial on victim and society. (iii) To discuss the problems and constraints resulting in delay in trial. (iv) To evolve by discussion plausible solutions of the problem within existing legal framework. (v) To evolve from collective experience of participants such specific suggestions and action points (for higher efficiency) which can be implemented with minimal expenditure and without changes in laws. It was attended by 33 Officers of level of Higher Judicial Service Officers, SP / DCP and above, Prosecution Officials, Prisons / Correctional / Administrators including 5 international participants. Ms. Minakshi Sinha, Reader (Sociology) directed the course.



31. Workshop on Imaging & Video Technology was held from 29 December 2014 to 31 December 2014 with the objectives; (i) To familiarize the participants with the functioning of digital, still and video cameras, memory cards, DVRs and digital printers. (ii) To make them understand, how computer and various softwares are used for image processing, morphing, image enhancement, image restoration, image compression, cut and paste techniques, video editing and their analysis. (iii) To make them understand the legal admissibility, reliability and limitations of these techniques. (iv) To evolve from collective experience of participants such specific suggestions and action points (for higher efficiency) which can be implemented with minimal expenditure and without changes in laws. It was attended by 25 Officers of level of Dy. SP/ACP & Above, SSO and above from CFSLs/FSLs, Forensic Science Teachers including 5 international participants. Dr. A.C. Rajvanshi, Dy. Director (Forensic Science) directed the course.

32. Course on Individual Identification Techniques was held from 05 January 2015 to 09 January 2015 with the objectives; (i) To familiarize the participants about the significance of forensic evidence materials used in individual identification. (ii) To update the participants regarding latest advances in forensic techniques of individual identification. (iii) To evolve from collective experience of participants such specific suggestions and action points (for higher efficiency) which can be implemented with minimal expenditure and without changes in laws. It was attended by 27 Officers of level of Judges/Magistrates, Dy. SP/ACP & above, Prosecution Officials, Government Medical Officers, Defence Officers and SSO & above from CFSLs/FSLs, Forensic Science Teachers, Finger Print Experts including 5 international participants. Dr. K. P. S. Kushwaha, Senior Faculty (Biology) directed the Course.

33. Course on Document Examination for CJF was held from 12 January 2015 to 16 January 2015 with the objectives; (i) To familiarize the participants about the nature and scope of Forensic Document Examination and to make them 'document conscious'. (ii) To enlighten the participants about the preliminary techniques and examination of disputed documents. (iii) To appreciate requirement of the expert evidence in the trial Courts. (iv) To evolve from collective experience of participants such specific suggestions and action points (for higher efficiency) which can be implemented with minimal expenditure and without changes in laws. It was attended by 35 Officers of level



of Judges / Magistrates, Dy. SP, ACP & Above, Prosecution Officials, Custom Officers SSO and above from CFSLs/FSLs including 5 international participants. Shri J K Semwal, Senior Faculty (Document) directed the course.

34. Course on Crime against Women & Children was held from 19 January 2015 to 23 January 2015 with the objectives; (i) To overview and analyse the trend, magnitude and forms of crime against women and children in India and in other countries, (ii) To sensitise participants about recent legislative and administrative measures for the protection of women and children from crime, (iii) To identify avenues for better coordination amongst Criminal Justice Functionaries for fighting against crime against women and children, (iv) To suggest ways and means for prevention and control of crime against women and children in all spheres of social life, through peaceful and amicable manner, and (v) To evolve from collective experience of participants such specific suggestions and action points (for higher efficiency) which can be implemented with minimal expenditure and without changes in laws. It was attended by 37 Officers of level of Police, Judiciary, Prosecution, CPO, CFSLs/ FSL including 5 international participants. Ms. Minakshi Sinha, Reader (Sociology) directed the course.

35. Workshop on Quality Control Norms for FSL was held from 28 January 2015 to 30 January 2015 with the objectives; (i) To sensitize participant about quality management dimension of FSLs. (ii) To discuss the existing quality management system of FSLs and improve the level of their performance & strengthen their operation (iii) To familiarize them with the National and International guidelines of accreditation of FSLs (iv) To evolve from collective experience of participants such specific suggestions and action points (for higher efficiency) which can be implemented with minimal expenditure and without changes in laws. It was attended by 28 Officers of level of Judges / Magistrates, Forensic Scientists of CFSLs / FSLs, Forensic Science Teachers. Dr. A.C. Rajvanshi, Senior Faculty (Forensic Science) directed the course.

36. Course on Latest Techniques in Forensic Investigation was held from 02 February 2015 to 07 February 2015 with the objectives; (i) To make the participants aware of the importance of physical evidence (ii) To familiarize the participants with the present stage of scientific knowledge as applied to investigation & trial of criminal cases. (iii) To expose them to latest developments in Forensic Science and their status in courts. (iv) To



provide perspective for objective evaluation of expert evidence. (v) To evolve from collective experience of participants such specific suggestions and action points for higher efficiency) which can be implemented with minimal expenditure and without changes in laws. It was attended by 27 Officers of level of Higher Judicial Service Officers, SP/DCP & above, Prosecution Officials, Defence Personnel including 5 international participants. Dr J K Modi, Senior Faculty (Ballistics) directed the course.

37. Course on Wildlife Crime and Forensic Science was held from 09 February 2015 to 13 February 2015 with the objectives; (i) To generate awareness among the participants regarding various types of wildlife crimes (ii) To familiarize and update the participants with various forensic techniques and evidence materials which may help during the investigation and trial of Wildlife Crimes and Trades. (iii) To evolve from collective experience of participants such specific suggestions and action points (for higher efficiency) which can be implemented with minimal expenditure and without changes in laws. It was attended by 41 Officers of level of Judges / Magistrates, Dy. SP / ACP and above, Prosecution Officials, SSO and above from CFSLS / FSLs, Forest Officers including 6 international participants. Dr. K. P. S. Kushwaha, Senior Faculty (Biology) directed the Course.

38. Workshop on Preservation of Scene of Fire & Collection of Evidence was held from 18 February 2015 to 20 February 2015 with the objectives; (i) To familiarize the participants with the behaviour of fire and its effects on material evidence during fire and arson. (ii) To acquaint them with the primary purpose of fire investigation and conclude whether the fire was accidental, natural or deliberate. (iii) To impart knowledge on collection, packing, transportation and maintenance of the chain of custody of evidence during the investigation of fire. (iv) To evolve from collective experience of participants such specific suggestions and action points (for higher efficiency) which can be implemented with minimal expenditure and without changes in laws. It was attended by 27 Officers of level of Police Officers, Forensic Scientists of CFSLS / FSLs, Fire Officers including 6 international participants. Dr. A.C. Rajvanshi, Senior Faculty (Forensic Science) directed the course.

39. Course on Human Rights was held from 23 February 2015 to 27 February 2015 with the objectives; (i) To acquaint the participants with the U N Conventions, the Constitution of

India & other provisions and institutions relating to Human Rights. (ii) To instil a spirit of humanism for all human beings (including suspects, accused and convicts) in the minds of the participants. (iii) To evolve through consultative participation strategies and measures for reduction of Human Rights violations in India (iv) To evolve from collective experience of participants such specific suggestions and action points (for higher efficiency) which can be implemented with minimal expenditure and without changes in laws. It was attended by 34 Officers of level of Higher Judicial Service Officers, SP / DCP and above, Prosecution Officials, Prisons / Correctional / Welfare Administrators & Officers of State Human Rights Commissions including 6 international participants. Ms. Minakshi Sinha, Reader (Sociology) directed the course.

40. Seminar on Crime against Senior Citizens was held from 02 March 2015 to 04 March 2015 with the objectives; (i) To analyse vulnerability of senior citizens to crime in the context of social change and development. (ii) To discuss on various legal provisions particularly Maintenance and Welfare of Parents and Senior Citizens Act, 2007 and the issues involved in their proper implementation. (iii) To analyse the role of officials of the Criminal Justice System in protecting senior citizens and for the prevention and control of crime against them. (iv) To provide a forum for interaction amongst the Officers of Criminal Justice System and Experts and NGOs working in the field. (v) To evolve from collective experience of participants such specific suggestions and action points (for higher efficiency) which can be implemented with minimal expenditure and without changes in laws. It was attended by 26 Officers of level of Judges/Magistrates, SP/DCP & above, Prosecution Officials, Defence Personnel, Prison/Correctional/Welfare Administrators including 6 international participants. Dr. B.N. Chattoraj, Senior Faculty (Criminology) directed the course.

41. Induction Course in Forensic Science for Judicial Officers was held from 09 March 2015 to 27 March 2015 with the objectives; (i) To provide basic knowledge of various disciplines of forensic science. (ii) To make the participants aware of the importance of physical evidence. (iii) To apprise the participants about handling of various clue material at the scene of crime. (iv) To apprise the participants about the techniques of the laboratory examination. (v) To expose them to the developments in the field of forensic science with a view to utilize science in the investigation of crime and in trials. It was



attended by 12 Officers of level of Police, Judiciary, Prosecution, CPO, CFSLs/ FSL. Dr. A.C. Rajvanshi, Senior Faculty (Forensic Science) directed the course.

42. Course on Criminology & Forensic Science was held 09 March 2015 to 20 March 2015 with the objectives; (i) To enable the participants to analyze and develop a systematic understanding of the crime phenomenon in a changing society and to understand other useful concepts of Criminology. (ii) To sensitize the participants about importance of physical evidence and the methods of collection, preservation and transportation of physical evidence (iii) To expose the participants to developments in the fields of Criminology and Forensic Science for a scientific approach in crime investigation and trial. (iv) To enable them to appreciate, evaluate and interpret expert opinion. (v) To evolve from collective experience of participants such specific suggestions and action points (for higher efficiency) which can be implemented with minimal expenditure and without changes in laws. It was attended by 36 Officers of level of Judges/Magistrates, Dy SP/ACP & Above, Prosecution Officials, Defence Personnel including 6 international participants. Dr J K Modi, Senior Faculty (Ballistics) directed the course.

43. Seminar on Deviance among Street Children was held from 23 March 2015 to 25 March 2015 with the objectives; (i) To analyse at national and international level the nature of exploitations and harassment of various forms of street children and their vulnerability to deviant behaviour. (ii) To highlight the necessity and importance for adopting more humane attitudes on the part of the juvenile justice functionaries and community towards street children (iii) To provide a critical appreciation of different welfare measures undertaken by the government and non-government organisations for the welfare and rehabilitation of street children (iv) Need and mode of co-ordination between governmental and non-governmental agencies for dealing with the problems of street children. (v) To evolve from collective experience of participants such specific suggestions and action points (for higher efficiency) which can be implemented with minimal expenditure and without changes in laws. It was attended by 28 Officers of level of Judges/Magistrates, Dy. SP / ACP and above, Prosecution Officials, Welfare Administrators including 6 international participants. Dr. B.N. Chattoraj, Professor (Criminology) directed the course.

IMPORTANT ACTIVITIES AND EVENTS

Swachh Bharat Abhiyaan

Swachh Bharat Abhiyaan Week conducted from 25.09.2014 to 02.10.2014 and all officers/officials staff/students taken swachhta shapath and voluntarily carried out cleaning of their office premises from inside and outside.



FACULTY NEWS

Seminars/ Workshop/ Conference attended by faculty

Sh. Sandeep Mittal, DIG (Admn) completed a three-month Chevening TCS Cyber Security Fellowship at Cranfield University at the Defence Academy of the United Kingdom from 24 February 2014 to 16 May 2014.

Dr. BN Chhatoraj, Professor (Criminology) attended the 13th Asian International Conference of Criminology in June 14-18, 2014 at Tata Institute of Social Sciences, Mumbai.

Dr. BN Chhatoraj, Professor (Criminology) participated in UGC Confidential Workshop for setting up question papers and checking answer keys from 24-29 May, 2014.

Dr. J.K. Modi, Assistant Professor (Ballistics) attended a workshop on “Integrated Ballistics Identification System” at Directorate of Forensic Science, Gandhinagar, Gujarat in 2014.

Dr. J.K. Modi, Assistant Professor (Ballistics) attended a workshop on “Enhancing Firearms Enforcement Operations” at Directorate of Forensic Science, Gandhinagar, Gujarat on 18th September 2014.

Dr. PS Bhushan, Senior Faculty (Law Enforcement) attended a seminar on 'Community Participation in Crime Prevention', Kochi, Kerela, organized by Kerela Police in December 2014.

Dr. KPS Kushwaha, Senior Faculty (Human Biology) attended a "National Seminar on recent advances in Human Genetics" on 23-24 March, 2015 at Panjabi University, Patiala along with Biology students of IVth Semester of M.Sc. Forensic Science.

Publications by the faculty

Dr. Prabhjeet Kaur, (Librarian) published "Collection development and management within public libraries in Delhi: A study on government owned public libraries in the changing digital environment" in Library Management, Vol. 36, Iss. 1/2, in March 2015.

POLICE MEDALS AWARDED TO NICFS OFFICIALS

The following NICFS personnel were honoured by Police Medal:

Sh. P. Sharma SSA (Toxicology)	Police Medal for Meritorious Service" on the occasion of Independence Day 2014.
Sh. Same Singh Staff Car Driver	Police Medal for Meritorious Service" on the occasion of Independence Day 2014.
Smt. Deepa Pande Administrative Officer	Police Medal for Meritorious Service" on the occasion of Republic Day 2015.

STUDENTS NEWS

A. New enrolments in MA / MSc in 2013-16

MA Criminology

Shivajee Sethi	Devendra Patil	Tarushi Choudhary
V. Kumarsean	Kamalpreet Kaur	Maneesh Kumar
Rajiv Kumar	Vivek Vijay	Vipin vijay Nair
Versitka Srivastava	Shankey verma	Dhananjay Kumar
Kovid Prakash	Neha Sharma	Adorna Eliz Roy
Ritika Jha	Hemanth Kumar.V	Chirag Gulati

Gopesh Khandewal	Vidhyasagar.P	Amit Kumar Satapathy
Rashmi Choudhary		

MSc Forensic Science

Lanu Jungla Imsong	Siddiqui Mohd. Khaja Moinuddin	Manisha Verma
Sahib Kaur	Sandeep Kumar	Khushboo Chaudhary
Kajol Bhati	Monika Pal	Shikha Tyagi
Zara Afzal	Jaya Giri	Yashika Kapoor
Aditi	Amit Srivastava	Ritesh Tolani
Prachi Shukla	Mansi Gupta	Prakrit Kapoor
Yamini Bhaardwaj	Neha Rai	Ruchika Kaushik
Deepak Manga	Madan Mohan	Preeti
Gurpreet Kaur	Khushbu Jaiswal	Vijaya Rani Singh
Anit Kumar	Bhavya Rawal	

B. The undermentioned students graduated in the year 2012

MA Criminology

Mompy Saikia	Ammu Mariam Thomas	Shabir Iqbal
Amit Kumar	Sumit Rawat	Juneela Bhtia
Vanajyohi S	Priya Varma	Nitin Kumar
Neha Tanwar	Ankur Singh	Lalit Kumar Tanwar

MSc Forensic Science

N. Tiamenla	Vichenuo	Shivani
Oscar	Rajeev	Raj Kumar
Avinash Kaur	Surabhi Sachan	Preeti
Gurpreet Kaur	Chandra Shekhar Vaish	Shimpy
Mehak Bhargava	Athira Balakrishnan	Srishti Swaroop
Shruti Rautela	Kavita Sharma	Megha Mohgaonkar
Ashmi Nair	Makhan Kumar	Sakshi Malhotra
Riya Bose	Sourav Chattopadhyay	Santosh Kumar



Juliana M. John	Asha Rani	Tanya Verma
Shubhashree Mandal		

MISCELLANEOUS

We Welcome

Smt. Rina Mitra, IPS joined this Institute on 22nd July 2014 as Director. She was serving as Additional Director General / IGP at B.P.R & D, Delhi.

Sh. Nikunj Kumar joined this Institute on 21st October 2014 as Assistant Library and Information Officer on deputation from Delhi Public Library, Ministry of Culture

Sh. Sumeet Nagpal joined this Institute on 18th December 2014 as Junior Scientific Assistant on deputation from Department of Science and Technology, Ministry of Science and Technology

Sh. Jagdish Chander joined this Institute on 28th February 2014 as Storekeeper on deputation from Indo Tibetan Border Police, Ministry of Home Affairs

Sh. Ajay Kumar joined this Institute on 10th October 2014 as Senior Library Attendant on deputation from Uttar Pradesh Police

Sh. O. P. Bhatti joined this Institute on 01st October 2014 on contractual basis

Ms. Neelam Khurana joined this Institute on 11th September 2014 on contractual basis

Dr. B. N. Chatteraj joined this Institute on as Senior Faculty (Criminology) on contractual basis

Dr. A. C. Rajvanshi joined this Institute on as Senior Faculty (Chemistry) on contractual basis

Dr. J. K. Modi joined this Institute as Senior Faculty (Ballistics) on contractual basis

Dr. S. R. Singh joined this Institute as Senior Faculty (Physics) on contractual basis

Sh. J. K. Semwal joined this Institute as Senior Faculty (Documents) on contractual basis

Dr. K. P. S. Kushwaha joined this Institute as Senior Faculty (Biology) on contractual basis

Smt. Anita Dahiya joined this Institute as Senior Faculty (Criminal Justice) on contractual basis

Dr. P. S. Bhushan joined this Institute as Senior Faculty (Law Enforcement) on contractual basis

Dr. Tanya Chauhan joined this Institute as Assistant Professor (Biology) on contractual basis

Dr. Deepak Raj Rao joined this Institute as Assistant Professor (Computer Forensic) on contractual basis

Dr. Hunny Matiyani joined this Institute as Assistant Professor (Criminology) on contractual basis

Dr. Prabhjeet Kaur joined this Institute on 16th March 2015 as Librarian on contractual basis.

Farewell

Shri Kamendra Prasad, Director returned to his parent department UP Police Housing Corporation. He was a part of the NICFS family from 11 June 2009 to 17 June 2014

Dr. A.C. Rajvanshi, Dy Director (Forensic Science) retired from his service on 31st January 2015.

Sh. Virender Kumar retired from his service as a Junior Scientific Assistant on 30th September 2014

Sh. Puran Singh, Lab Attendant opted for Voluntary Retirement on 28th February 2015.

हिन्दी पखवाड़ा

लोक नायक जयप्रकाश नारायण राष्ट्रिय अपराध शस्त्र एवं विधि विज्ञान संस्थान में राजभाषा इंदी के प्रयोग को बढ़ावा देने के उद्देश्य से संस्थान में सितम्बर, 2014 में हिन्दी पखवाड़े का आयोजन किया गया और इसके दौरान विभिन्न हिन्दी प्रतियोगिताएं आयोजित की गयी।

इस पखवाड़े के दौरान जिन प्रतियोगिताओं का आयोजन किया गया, उनके बारे में संक्षेप में विवरण निम्न है:

हिन्दी टंकण प्रतियोगिता (कर्मचारी)

क्रम संख्या	नाम एवं पदनाम	पुरस्कार
1	श्री सुधीर कुमार, आशुलिपिक	प्रथम
2	श्रीमती सुजाता चावला, आशुलिपिक	द्वितीय
3	श्रीमती दीपा पांडे, प्रशासनिक अधिकारी	तृतीय
4	श्री पी.एम. पाटिल, हैड कांस्टेबल	सांत्वना पुरस्कार

हिन्दी भाषण प्रतियोगिता (कर्मचारी)

क्रम संख्या	नाम एवं पदनाम	पुरस्कार
1	श्री उदय राज सिंह, कनिष्ठ वैज्ञानिक सहायक	प्रथम
2	श्री पी.सी. पांडे, एमटीएस	द्वितीय
3	श्री सुधीर कुमार, आशुलिपिक	तृतीय
4	श्री सुभाष शर्मा, एमटीएस	सांत्वना पुरस्कार
5	श्री चन्द्र मोहन, अ.श्रे.लि.	प्रतियोगिता में अच्छे प्रदर्शन के लिए प्रमाण-पत्र

हिन्दी निबंध प्रतियोगिता (कर्मचारी)

क्रम संख्या	नाम एवं पदनाम	पुरस्कार
1	श्री चन्द्र मोहन, अ.श्रे.लि.	प्रथम
2	श्रीमती दीपा पांडे, प्रशासनिक अधिकारी	द्वितीय
3	श्री पी.एम. पाटिल, हैड कांस्टेबल	तृतीय
4	श्री पी.सी. पांडे, एमटीएस	सांत्वना पुरस्कार
5	श्री उदय राज सिंह, कनिष्ठ वैज्ञानिक सहायक	प्रतियोगिता में अच्छे प्रदर्शन के लिए प्रमाण-पत्र
6	श्री सुधीर कुमार, आशुलिपिक	प्रतियोगिता में अच्छे प्रदर्शन के लिए प्रमाण-पत्र
7	श्री फिरोज़ खान, प्रयोगशाला सहायक	प्रतियोगिता में अच्छे प्रदर्शन के लिए प्रमाण-पत्र
8	श्री सोनू कुमार, एमटीएस	प्रतियोगिता में अच्छे प्रदर्शन के लिए प्रमाण-पत्र

हिन्दी टिप्पण एवं आलेखन प्रतियोगिता (कर्मचारी)

क्रम संख्या	नाम एवं पदनाम	पुरस्कार
1	श्रीमती दीपा पांडे, प्रशासनिक अधिकारी	प्रथम
2	श्री सुधीर कुमार, आशुलिपिक	द्वितीय
3	श्री सोनू शर्मा, एमटीएस	तृतीय
4	श्री बाला राम, आशुलिपिक	सांत्वना पुरस्कार
5	श्री उदय राज सिंह, कनिष्ठ वैज्ञानिक सहायक	प्रतियोगिता में अच्छे प्रदर्शन के लिए प्रमाण-पत्र
6	श्री पी.एम. पाटिल, हैड कांस्टेबल	प्रतियोगिता में अच्छे प्रदर्शन के लिए प्रमाण-पत्र
7	श्री फिरोज़ खान, प्रयोगशाला सहायक	प्रतियोगिता में अच्छे प्रदर्शन के लिए प्रमाण-पत्र
8	श्री चन्द्र मोहन, अ.श्रे.लि.	प्रतियोगिता में अच्छे प्रदर्शन के लिए प्रमाण-पत्र
9	श्री दीपक कुमार, एमटीएस	प्रतियोगिता में अच्छे प्रदर्शन के लिए प्रमाण-पत्र

हिन्दी भाषण प्रतियोगिता (विद्यार्थी)

क्रम संख्या	नाम एवं कक्षा	पुरस्कार
1	श्री कौशल कुमार, स्नातकोत्तर (अपराधशास्त्र) द्वितीय वर्ष	प्रथम
2	श्री घनंजय कुमार, स्नातकोत्तर (अपराधशास्त्र) प्रथम वर्ष	द्वितीय
3	सुश्री खुशबू जैसवाल, एमएससी (विधि विज्ञान) प्रथम वर्ष	तृतीय
4	सुश्री वर्तिका श्रीवास्तव, स्नातकोत्तर (अपराधशास्त्र) प्रथम वर्ष	सांत्वना पुरस्कार
5	श्री अपराजित चतुर्वेदी, स्नातकोत्तर	प्रतियोगिता में अच्छे

	(अपराधशास्त्र) द्वितीय वर्ष	प्रदर्शन के लिए प्रमाण-पत्र
6	श्री कोविद प्रकाश, स्नातकोत्तर (अपराधशास्त्र) प्रथम वर्ष	प्रतियोगिता में अच्छे प्रदर्शन के लिए प्रमाण-पत्र

हिन्दी निबंध प्रतियोगिता (विद्यार्थी)

क्रम संख्या	नाम एवं कक्षा	पुरस्कार
1	श्री मनीष कुमार, स्नातकोत्तर (अपराधशास्त्र) प्रथम वर्ष	प्रथम
2	सुश्री वर्तिका श्रीवास्तव, स्नातकोत्तर (अपराधशास्त्र) प्रथम वर्ष	द्वितीय
3	श्री अपराजित चतुर्वेदी, स्नातकोत्तर (अपराधशास्त्र) द्वितीय वर्ष	द्वितीय
4	श्री सिद्धार्थ डॉगी, स्नातकोत्तर (अपराधशास्त्र) प्रथम वर्ष	सॉत्वना
5	श्री कोविद प्रकाश, स्नातकोत्तर (अपराधशास्त्र) प्रथम वर्ष	प्रतियोगिता में अच्छे प्रदर्शन के लिए प्रमाण-पत्र
6	श्री कौशल कुमार मलिक, स्नातकोत्तर (अपराधशास्त्र)	प्रतियोगिता में अच्छे प्रदर्शन के लिए प्रमाण-पत्र



लोक नायक जयप्रकाश नारायण राष्ट्रीय अपराध शास्त्र एवं विधि-विज्ञान संस्थान

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