

Central Forensic Science Laboratory (CFSL), Kamrup, Assam
Annual Report 2022-23

1. Total Cases handled during the period:

Division	B/F	Received		Reported		Pending	
		Cases	Exhibits/ Parcels	Cases	Exhibits/ Parcels	Cases	Exhibits/ Parcels
Biology	00	27	112	27	112	00	00
DNA	122	141	931	121	922	142	994
Chemistry	00	05	27	05	27	00	00
Explosives	125	77	454	81	459	121	684
Narcotics	266	355	5059	316	1200	305	4650
Toxicology	03	85	274	65	212	23	82
Physics	02	08	17	09	666	01	3746
Ballistics	06	30	288	36	334	00	00
Digital	37	314	1703	163	957	188	967
Documents	00	271	18887	126	8647	145	9231
Total	561	1313	27742	949	13536	925	20354

2. Total No. of crime scenes attended and court evidence deposited:

- Crime Scene Visit: 01 in Assam
- Voice sample Collection: 04 in Assam
- Court evidence deposited: 78 (including 17 through Video-Conferencing) in Arunachal Pradesh, Assam, Chhattisgarh, Delhi, Meghalaya, Nagaland, Sikkim, West Bengal, A&N Islands & Chandigarh.

3. No. of papers published in Journals: 02

- Hussain AA, Srivastava S, Gupta S. A Review on the Suspect Detection System as a Forensic Tool in the Detection of Deception. *International Journal of Indian Psychology* 2022, 10(4), 1765-1773. doi: 10.25215/1004.168
- Srivastava S, Hussain AA, Gupta S. A Review Article on Layered Voice Analysis: Forensic Utility and Limitation. *International Journal of Indian Psychology* 2022, 10(3), 278-288. doi:10.25215/1003.026

4. Book Chapter published: 01

- Hussain AA (2022). Crimes against persons. In Rejani TG (Ed.), *Victimology. A comprehensive approach to forensic, psychosocial and legal perspectives*, (pp253-282), Springer. https://doi.org/10.1007/978-3-031-12930-8_12

5. No. of training imparted: 07

- Training programme on 'Forensic Engineering & Instrumentation' was conducted for Sh. Prashant Kumar Singh, Assistant Director, DFS&L, Jharkhand and Sh. Gaurav Kumar, Scientific Officer, DFS&L, Jharkhand from August 01-12, 2022

- Training programme on ‘Explosives & their Forensic Aspects’ was conducted for 18 officers of 261 Counter Explosive Device Unit (CEDU), 99 APO on August 05, 2022
- Training programme on ‘Role of Forensic Science in Justice Delivery System’ was conducted for the newly appointed 29 Judicial Officers (28 Grade III and 1 Grade I) of Assam and Arunachal Pradesh on August 25, 2022
- Training programme on ‘Explosives & their Forensic Aspects’ was conducted for 16 officers of 261 Counter Explosive Device Unit (CEDU), 99 APO on January 20, 2023.
- Training programme on ‘DNA Fingerprinting’ was conducted for Ms. Riya Pradhan, Scientific Officer (Biology) of RFSL, Sikkim from February 20- April 19, 2023
- Training programme on ‘Chemistry, Narcotics & Toxicology’ was conducted for Ms. Tshering Lhamu Bhutia, Junior Scientific Officer of RFSL, Sikkim from March 13- April 21, 2023
- ‘Training/Lab Attachment in Digital Forensics Division’ of Sub-Inspector (Telecom) Sh. Jila Doyom of 5th IRBN, BHQ, Pasighat, East Siang attached at Signal Training Centre/Cyber Forensic Lab cum Training Centre, Arunachal Pradesh Forensic Science Laboratory (APFSL), PTC, Banderdewa was conducted from March 20 to June 20, 2023.

6. No. of training attended: 05

- Shri Chandan Das, Administrative Officer, Shri Kandarpa Das, Assistant and Shri Shivam Trivedi, LDC participated in the training programme on ‘Requirement, Pre-requisite & Process Flow of E-Bill in PFMS on 21/04/2022 of Controller General of Accounts, Ministry of Finance, New Delhi
- Ms. Sakshi Sharma, Scientist B (Explosives) participated in the training programme on ‘Prevention, Prohibition and Redressal of Sexual Harassment of Women at Work Place’ from July 04-05, 2022 at Institute of Secretariat Training and Management (ISTM), New Delhi
- Sh. L. Nato Singh, Assistant Director (Documents) and Shri Arun Kumar Pal, Scientist B (Ballistics) participated in CERT-In training programme on ‘Advanced Techniques in Digital Forensics’ on 29/07/2022
- Dr. Swapnil Gupta, Scientist ‘B’ (Documents) participated in the 2-day training on ‘Detection of FICNs’ from December 12-13, 2022 at Currency Note Press, Nashik
- Dr. Swapnil Gupta, Scientist ‘B’ (Documents) participated in the training programme on ‘Emerging Trends Banking Frauds & their Detection including online Frauds’ from February 21-23, 2023 at National Forensic Sciences University (NFSU), Delhi Campus.

7. Visits to CFSL: 03

- The Joint Director, Forensic Science Laboratory, Dimapur, Nagaland along with two Assistant Directors visited DNA Profiling division of CFSL, Kamrup on 13/04/2022 to know about the different instrumentation available
- The Colonel, Major and three officers of Counter Explosive Device Unit, 99 APO visited different divisions of CFSL, Kamrup on 28/09/2022 to know about the functioning of different divisions

- 43 students of BSc (Forensic Science) of Assam down town University (AdtU) along with their teacher visited different divisions of CFSL, Kamrup on 24/03/2023 to know about the functioning of different divisions.

8. Signing of MoU:

- MoU signed between National Forensic Sciences University (NFSU), Directorate of Forensic Science Services (DFSS) and CFSL, Kamrup for academic, research & training collaboration on 30/05/2022.

9. Any other specific work carried out during the period:

- Scientists delivered 45 lectures to the trainees of-
NEPA,
NICFS-NFSU Delhi Campus,
NFSU Guwahati Campus,
Counter Explosive Device Unit (CEDU),
Rajiv Gandhi National University of Law (RGNUL), Patiala,
National Academy of Customs, Indirect Taxes and Narcotics (NACIN),
Faridabad,
Directorate of Forensic Science (DFS), Guwahati
- Reference Samples from Govt. Opium & Alkaloid Works (GOAW), Ghazipur were procured for analysis of NDPS.

10. Name of the equipment/software procured:

- Compound Microscope with Digital Display
- Multi-Speech
- Mixer Mill