

Central Forensic Science Laboratory (CFSL), Kamrup, Assam

Annual Report 2023-24

1. Total Cases handled during the period:

Division	B/F	Received		Reported		Pending	
		Cases	Exhibits/ Parcels	Cases	Exhibits/ Parcels	Cases	Exhibits/ Parcels
Biology	00	4	11	4	11	0	0
DNA	142	31	191	159	1363	14	119
Chemistry	00	11	31	10	28	1	3
Explosives	121	2	10	112	625	1 (10*)	6
Narcotics	305	29	846	271	5003	5 (58*)	6
Toxicology	23	66	210	78	260	10 (1*)	33
Physics	01	8	37	7	3700	2	12
Ballistics	00	11	930	11	888	0	0
Digital	188	215	1157	306	1900	96 (1*)	175
Documents	145	197	12145	242	15419	100	7470
Total	925	574	15568	1200	29189	229 (70*)	7824

*Cases returned unexamined

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

- Crime Scene Visit: 27 in Assam, Manipur & Meghalaya
- Voice sample Collection: 01 in Assam
- Court evidence deposited: 115 (including 35 through Video-Conferencing) in Arunachal Pradesh, Assam, Delhi, Haryana, Manipur, Meghalaya, Nagaland, Sikkim, West Bengal, A&N Islands & Chandigarh.

3. No. of papers published in Journals: 02

- Hussain AA, Srivastava S, Gupta, S. Exploring Probable Patterns of Deception Using Simulated Stress in the Layered Voice Analysis, Suspect Detection System and Polygraph, The International Journal of Indian Psychology 2024, 12(1): 2350-2361. DOI: 10.25215/1201.215
- Saini N, Hussain AA, Gupta, S. Brain Fingerprinting: A Review of the Behavioural Scientific Revolution, The International Journal of Indian Psychology 2024, 12(1): 2468-2477. Doi:10.25215/1201.225

4. No. of training programmes organised: 07

- 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) 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 organised from March 20 to June 20, 2023.

- Training programme on 'Explosives & their Forensic Aspects' was conducted for 12 officers of 261 Counter Explosive Device Unit (CEDU), 99 APO on July 07, 2023.
- The 'Role of Forensic Science in Justice Delivery System' training programme was conducted for two Judicial Officers of Mizoram and one faculty member of the Judicial Academy, Assam, on August 28, 2023.
- An induction training programme on 'Role of Forensic Science in Justice Delivery System' was conducted for the newly appointed 22 trainee Judicial Officers of Assam and 2 of Arunachal Pradesh on October 19, 2023.
- An induction training programme on 'Role of Forensic Science in Justice Delivery System' was conducted for the newly appointed 03 trainee Judicial Officers of Mizoram Judicial Service on March 01, 2024.

5. No. of training programmes attended: 17

- Sh. L. Nato Singh, Assistant Director (Documents) participated in the two days workshop on 'Audio Authentication and Image/Video Authentication Facility' at CFSL Kolkata on 22-23/05/2023.
- Sh. L. Nato Singh, Assistant Director (Documents) participated in one day National Workshop on 'Drone Forensics & Drone Regulations' at BPR&D HQ, New Delhi on 30/05/2023.
- Sh. R. Suresh, Deputy Director (Ballistics) participated in one day online Workshop on 'Forensic Applications of EDXRF' organised by CFSL Kolkata on 27/06/2023.
- Shri Chandan Das, Administrative Officer participated in the online 'Workshop on Framing/Amendment of Recruitment Rules' of Institute of Secretariat Training and Management (ISTM), New Delhi on 06/07/2023.
- Ms. Sakshi Sharma, Scientist B (Explosive) participated in the online 'Workshop on Conduct of Inquiry on Complaints relating to Sexual Harassment of Women at Work Place' of Institute of Secretariat Training and Management (ISTM), New Delhi on 04/09/ 2023.
- Shri Chandan Das, Administrative Officer participated in the online 'Workshop on Conduct of Inquiry on Complaints relating to Sexual Harassment of Women at Work Place' of Institute of Secretariat Training and Management (ISTM), New Delhi on 04/09/2023.
- Shri Chandan Das, Administrative Officer participated in the online 'Workshop on Noting & Drafting' of Institute of Secretariat Training and Management (ISTM), New Delhi on 25-26/09/2023.
- Shri Chandan Das, Administrative Officer participated in the online training programme on 'Government eMarketmarketplace (GeM 3.0)' of Institute of Secretariat Training and Management (ISTM), New Delhi on 09-10/11/2023.
- Sh. L. Nato Singh, Assistant Director (Documents) participated in the training programme on 'Mobile Device Forensics' organised by CERT-In on 30/11/2023.

- Ms. Kavita, Scientist B (Explosives) participated in the in-house training programme on ‘Instrumentation & other activities of Chemical Science Divisions’ in CFSL Kamrup from 01/12/2023 to 24/01/2024.
- Sh. R. Suresh, Deputy Director (Ballistics) participated in one day refresher training programme organised by NABL in Kolkata on 19/01/2024.
- Sh. Vivek Singh, Photographer participated in ten days training programme on ‘Crime Scene Photography’ in Directorate of Forensic Science, Kahilipara, Guwahati.
- Sh. Priyajit Kundu, Senior Scientific Assistant (Explosives) participated in the in-house training programme on ‘Instrumentation & other activities of Chemical Science Divisions’ in CFSL Kamrup from 24/01/2024 to 12/03/2024.
- Sh. R. Suresh, Deputy Director (Ballistics) participated in Capsule Course on ‘Bharatiya Nagrik Suraksha Sanhita (BNSS), Bharatiya Sakshya Adhinyam (BSA), Bharatiya Nyaya Sanhita (BNS): Investigation and Forensic Probe’ organised by National Forensic Sciences University (NFSU), Gandhinagar, Gujarat on 01-02/03/2024.
- Sh. L. Nato Singh, Assistant Director (Documents) participated in training programme on ‘Following the Crumbs: Unveiling the Crypto Landscape’ organised by Cyint & Breadcrumbs on 08/03/2024.
- Sh. L. Nato Singh, Assistant Director (Documents) participated in Capsule Course on ‘Bharatiya Nagrik Suraksha Sanhita (BNSS), Bharatiya Sakshya Adhinyam (BSA), Bharatiya Nyaya Sanhita (BNS): Investigation and Forensic Probe’ organised by National Forensic Sciences University (NFSU), Gandhinagar, Gujarat on 13-14/03/2024.
- Sh. Akash Ravindra Saoji, Scientist B (Electronics) participated in the in-house training programme on ‘Digital Forensics’ in CFSL Kamrup from 21/03/2024 to 20/05/2024.

6. Visits to CFSL:

07

- Sh. Keshav Kumar, IPS, former DGP, Gujarat & Advisor (Forensics) to the Govt. of Assam
- Prof. Dr. S.O. Junare, Director, NFSU Gandhinagar Campus
- Prof. Chandana Sarmah, Anthropology Department of Gauhati University
- Sh. N. Madhusudan Reddy, Staff Scientist, Centre for DNA Fingerprinting & Diagnostics (CDFD), Hyderabad
- Sh. Saurabh Chamotra, Scientists ‘E’, Centre for Development of Advance Computing (C-DAC), Mohali
- Colonel Bindu Sharma, CO of 261 Counter Explosive Device Unit (CEDU), 99 APO
- Dr. Ankit Srivastava, Associate Professor, West Bengal National University of Juridical Sciences (WBNUJS), Kolkata

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

- Scientists delivered 21 lectures to the trainees of:
 - All India Institute of Medical Sciences (AIIMS), Guwahati

- North Eastern Police Academy (NEPA), Meghalaya
 - Rajiv Gandhi National University of Law (RGNUL), Patiala
 - Counter Explosive Device Unit (CEDU), 99 APO
 - NFSU Delhi Campus
 - NFSU Guwahati Campus.
- A proposal for 'Post Blast Investigation Laboratory Set-up' was submitted to 261 CEDU, 99 APO.
 - 60kWp Solar Panels on the rooftop of the CFSL building were installed & commissioned.
 - NABL application for the accreditation filed.

8. Name of the equipment/software procured:

- GCMS (2),
- Universal Shell Holder and LAS X Software for Comparison Microscope.