



CHAPTER-I

ACTIVITIES OF CFPB





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The Central Finger Print Bureau is an apex body in the country which co-ordinates, guides, monitors, and provides technical support to the State Finger Print Bureaux, as well as investigation agencies and international organizations like INTERPOL in all matters related to Finger Print Science.

On the recommendation of the National Police Commission in the year 1986, CFPB fingerprint database was automated- by gradually digitizing the existing manual records - with the installation of the country's first Automated Fingerprint Identification System (FACTS 1.0) in 1992 at NCRB HQ at New Delhi. Automation of the fingerprinting technology has been the agenda of scientific and industrialist peers in order to provide the law enforcement agencies with the best of the tools and techniques to maintain highest possible decorum of law and order. As there is a need of fast and robust system to handle large number of data and cope up with latest emerging trends in the era of Finger print science, MHA has taken a call to procure latest system for replacement of FACTS in the country. NCRB has conceptualized and implementing National Automated Finger Print Identification system (NAFIS), a robust system which will be a game changer for the Finger Print Fraternity & will enable the State/UTs/Law Enforcement agencies to upload/trace/retrieve their data in real time on a 24X7 basis on the server placed in the NCRB.

As NAFIS being implemented, FACTS-5 server was terminated and complete work flow has been switched to NAFIS. As on 31.12.2020, NAFIS has a data base of 27,77,689 of migrated data from various State/UT's.

The Bureau imparts training in various aspects of Finger Print Science to police and non-police personnel coming from States/UTs. The Bureau is also mandated to conduct All India Board Examination (AIBE) annually for the accreditation of Finger Print Experts. All India Conference of Directors of Finger Print Bureaux of States/UTs is also organized by CFPB. The conference provides a forum for Finger Print professionals to deliberate on recent advancements in the field of Finger Print science and other issues concerning the Finger Print fraternity of the nation. CFPB has a branch at Kolkata which is mainly organizing training courses for the North Eastern States and examining the questioned documents.

A. National Automated Finger Print Identification System (NAFIS)

The NCRB is implementing a National Automated Fingerprint Identification System (NAFIS), a web-based application envisages an expansion of data capturing, processing & search facility of the existing AFIS enabling the State/UTs/Law Enforcement agencies to also upload their data in real time on a 24X7 basis on the server placed in the NCRB.



The NAFIS project will be an improvement of the AFIS processing capability and also in case of integration with other biometric devices. The advent of portable live scan fingerprint devices makes it possible to bring fingerprint-based identification to remote site and field related applications. The potential for forensic advances as a result of this automated remote capability is enormous, particularly when considered as a latent print identification tool.

❖ **Hardware, Connectivity and commissioning:**

Solution provider has delivered 1381 work stations under NAFIS Project. Connectivity has been established between Rajasthan Finger Print Bureau and NAFIS data centre. The NAFIS Solution along with the allied hardware has been installed at 562 locations covering 35 SFPBx/ State and 403 district sites. The SFPBx-NAFIS connectivity has been established in 28 States and UTs.

❖ **Training:**

NAFIS solution was successfully customized and training material such as PPT and User Guides have been prepared. 28 officers of Central Finger Print Bureau were trained in NAFIS during the calendar year.

➤ **Migration**

Delhi, Haryana, Punjab, Rajasthan, Karnataka & Madhya Pradesh have extracted their AFIS data in the desired format and submitted for migration into NAFIS database. Total of 27,77,689 Fingerprint slips have been migrated into NAFIS as on 31st December,2020.

➤ **Digitization:**

Digitizations of finger Print slips under NAFIS project were carried out at NCRB Headquarter, Uttar Pradesh FPB and Madhya Pradesh FPB. Digitization, where manpower is required was hampered by the COVID-19 restriction such as Lockdown, Social distancing, containment Zones (Hot spots) etc,. Even after major obstacles, the teams were self sufficient and following all the guidelines issued by State/Central, tried to reach the desired target of digitization activity.

State/UT's such as Andaman & Nicobar, Bihar, Chhattisgarh, Sikkim, Uttarkhand, Rajasthan, Himachal Pradesh and Jharkhand have forwarded the slips to NCRB, which have been digitized and migrated to NAFIS. A total of 63,405 slips that were digitized at NCRB Hqrs have been migrated in to NAFIS.

At Uttar Pradesh FPB and Madhya Pradesh FPB, NAFIS solution provider has established the manpower to digitize the data of 1,09,734 FP slips (UP) and 97,526 slips (MP) under the supervision of SFPB staff. A total



of 2,07,260 slips have been digitized at both the Bureaus as on 31st December,2020.

❖ **User Acceptance Test:**

User Acceptance Test (UAT) was carried out from 18.05.2020 to 03.06.2020. During this period, customized version of National Automated Finger Print Identification System (NAFIS) was installed at NCRB Headquarter for conducting User Acceptance Test (UAT). 77 test cases were prepared for this UAT and all these test cases were executed.

Real performance and case workflow was executed and bugs/improvements were reported to the Solution provider.

❖ **NAFIS Proof of Technology:**

NCRB organized display of proof of technology of NAFIS under the chairmanship of Sh. Ajay Kumar Bhalla, Hon'ble, Home Secretary MHA on 21.08.2020 for DGsP of all States/UTs and other senior police officers through an online meeting platform. Directors of State FPBx and other fingerprint experts also participated in the event.

B. Important Document Cases solved at CFPB, New Delhi

CFPB furnished opinion on 118 cases received from different agencies like Post office, police agencies like CRPF, recruitment agencies like SSC, Banks, etc during this year. A total of 230 document cases including previous years cases were available for examination. CFPB has examined & dispatched 159 cases during the year 2020.

I.SSC CR, Prayagraj has forwarded, 73 document cases and SSC NR, New Delhi forwarded, 02 document cases of suspected impersonation during the recruitment process to the Central Finger Print Bureau, with a request to examine the questioned documents and the specimen fingerprints. It was informed that Regional Director (Central Region), SSC, Prayagraj had approached CFPB after getting a summons from Allahabad High Court, with a directive to appear with a report on comparison of fingerprints. The cases pertained to the examination of questioned documents of the candidates who appeared in the written examination. In most cases, the prints were of very poor quality posing difficulty in examination with an additional pressure of time from the SSC to furnish the expert opinion on a priority basis. Despite all the odds, the experts showed full dedication displaying the best professional skills, and the impersonation in the cases was established.

II.CFPB had received 56 document cases from Assistant Commandant, Eastern Zone



Headquarters, Central Industrial Security Force (CISF), Patliputra Colony, Boring Road, Patna (Bihar)-800013 and 01 case from Assistant Commandant, CISF unit, NCL, Singrauli, Madhya Pradesh regarding impersonation in recruitment. In these cases, the Admission Certificates (Commission's Copy) bearing questioned left hand thumb fingerprints were received to be compared with the specimen fingerprints present on the document of the suspected candidates. Most of the questioned prints were of extremely poor quality but the specimen prints were of decipherable quality. The questioned left hand thumb fingerprints were compared carefully and thoroughly with specimen prints of suspected candidates by experts of CFPB and established conclusive impersonation.

III. Nine (09) document cases regarding alleged misappropriation of the government money were received by CFPB from Department of Posts, India, O/o The Supdt. Post Offices, Bhiwani, Division Bhiwani, Haryana. In these cases, withdrawal vouchers of various depositors bearing fingerprints were received to be compared with the specimen fingerprints present on relevant claim forms and written statements of the depositors. Luckily, most of the questioned prints were of decipherable quality but the specimen prints were of slightly poor quality. Finally, the specimen prints of decipherable quality were selected for examination and the impersonation in the cases was established by CFPB experts.

IV. CRPF, Bilaspur and CRPF, Raipur, Chhattisgarh has forwarded 01 and 16 document cases respectively regarding impersonation in recruitments in which most of the questioned prints happened to be of poor quality. Despite these challenges, fingerprint experts utilizing their professional expertise and competence did their job with repeated checks, cross-checks, and photography. Experts, with sheer diligence, perseverance, and skill could finally furnish their opinion.

V. A case was received from Central Bureau of Investigation (CBI), Office of the Superintendent of Police, Anti Corruption Branch (ACB), Kolkata - 700020 regarding a case of impersonation in the recruitment of Warehouse Assistant Grade - II, of the Central Warehousing Corporation, Regional Office, Kolkata. There were several questioned prints to be compared with the specimen prints. The experts meticulously proved that impersonation had taken place during the recruitment process. A relevant report with illustrated findings was furnished to CBI.

C. Important Document Cases Solved at CFPB, Kolkata

CFPB, Kolkata Unit has received a total 09 (nine) document cases for examination of disputed finger prints and furnishing Expert Opinion on them during this year. A total 16 (sixteen) document cases including previous year cases, have been



disposed of during the year out of which 03 significant cases are briefed below:

1) CFPB/NCRB/Kolkata Case No.09/2019:

A case of impersonation was received on 30.07.2019 from the office of Superintendent, RMS 'C' DN Gaya-823001. A candidate- Roll No. 3205078074 has appeared in CHSL Exam-2015 held by Staff Selection Commission, Allahabad in three different levels of examinations respectively. The RMS, Gaya authority forwarded the case to this office to examine the finger impressions of the candidate providing the original copies of admission certificates (commissions' copies) having finger impressions taken in three different tiers of examinations along with specimen finger impressions of the same candidate and furnishing expert's opinion thereon.

Finger impressions appeared in all the above mentioned documents had been examined thoroughly and scientifically and found that the finger impressions of all three admission certificates and those of specimen papers are identical and hence, it proved the genuineness of the candidature of Ajeet Kumar S/o Shambhu Nath Mishra. Accordingly, the report along with all other documents was handed over to the special messenger of RMS, 'C' Division, Gaya on 27.02.2020.

2) CFPB/NCRB/Kolkata Case No.01/2020:

A document case was received from the office of the Civil Judge (Sr. Divn), Bishnupur, Manipur. A case was initially dealt by SFPB, Maipur, and Hon'ble Judge was not satisfied with the opinion and has forwarded for the same for re-examination to this office. This case was sent on the basis of the Original Suit No. 39 of 1999/16 of 2003/1 of 2004/20 of 2007/25 of 2010.

Received original registered sale deed in 07 (seven) sheets containing two LTI on the back side of 1st sheet and two specimen finger impressions sheets against the name of plaintiff no. 2 Shri Mutun Bidyachandra Singh for examination of this document case. Authenticity of the Finger prints was in doubt.

Finger impressions appeared in all the above mentioned document case had been examined thoroughly and scientifically and found that question finger impression against the name of Shri Bidyachandra S is different from the left thumb impression against the plaintiff no. 2 namely Shri Mutun Bidya Chandra Sing and thus proved its unauthenticated. Subsequently, the report along with all the original documents was handed over to the special messenger of the office of Civil Judge (Sr. Divn), Bishnupur, Manipur on 13.02.2020.



3) CFPB/NCRB/Kolkata Case No.32/2019:

A case was received from Branch Head, Punjab National Bank, BO Barachatti (Gaya). On the basis of advise/opinion of the Bank's Internal Auditor, the Branch Head PNB, Gaya has forwarded all the above 3 withdrawal slips submitted by Karu Yadav amounting to Rs. 35,000/-, 30,000/- and Rs. 30,000/- on three different dates i.e. 17.11.2017, 09.11.2017 and 10.08.2018 to bank to withdraw amount from his SB account. Along with the withdrawal forms, account opening form containing 5 nos. of admitted LTIs against the name of Karu Yadav, Specimen thumb impressions in the name of Karu Yadav (marked as S1 to S3) and one 10 digit finger impressions slip containing 12 finger impressions against the name of Karu Yadav) (all in original) to this office for examination of finger prints and furnishing expert's opinion.

On examination, it was found that the finger impressions appeared in the withdrawal slips against the name of Karu Yadav are different from the specimen finger impressions of Karu Yadav.

It was also noticed that the finger impressions appeared in the A/c opening form against the name of Karu Yadav are different from the finger impressions appeared in the withdrawal slips. Accordingly the Expert's Opinion (Report) which revealed as 'fraudulent transactions' was handed over to the special messenger of the Bank Authority on 29.01.2020.

D. XXI All India Conference for Directors of Finger Print Bureaux held through Webex Portal (13th & 14th October, 2020):

XXI All India Conference of Directors of Finger Print Bureaux was organized on 13th & 14th October, 2020, at National Crime Records Bureau (NCRB), New Delhi, through online platform, Approximately 133 delegates from various Finger Print Bureaux, CFSL-CBI, NIA, FSL, post graduate and research students from Colleges and Universities offering Forensic Science and Criminology course participated in this conference. A team of officers from Central Finger Print Bureau / NCRB played a significant role in making this event a huge success.



Pic.No.1: Chief Guest Hon'ble Minister of State (Home) Shri G. Kishan Reddy along Shri Ram Phal Pawar, Director, NCRB, Shri Govind Mohan, Additional Secretary (UT) and Smt. Punya Salila Srivastava, Joint Secretary(WS) at the inauguration of XXI All India Conference of Directors of Finger Print Bureaux.



Pic.No.2: The e-cyber lab was also inaugurated during the conference.



Pic.No.3: The delegates were briefed about the progress of NAFIS project

All India Board Examination for Finger Print Experts (AIBE), 2019

First (94.20%)



Sri Sudhesh K V

Second (92.60%)



Smt Rajitha R.

Third (92.40%)



Smt. Vinitha Venugopal

Pic.No.4: The rank holders of AIBE 2019 were also felicitated online during the conference
