

XIX All India Conference of Directors of Finger Print Bureaux held at Hyderabad

(21st & 22nd JUNE, 2018)

The XIX All India Conference of Directors of Finger Print Bureaux of States/UTs was organized on 21st and 22nd June 2018, at MCR-HRD Institute, Hyderabad, Telangana, by Telangana State Police & National Crime Records Bureau (NCRB), M.H.A., Govt. of India, New Delhi, under the chairmanship of Dr. Ish Kumar, IPS, Director, NCRB, and New Delhi.

A total of 98 delegates from various Finger Print Bureaux of the States/UTs, CFSL-CBI, Colleges and Universities offering Forensic Science and Criminology course, selected officers from Central Finger Bureau/NCRB & Telangana Police also participated in the Conference. Hon'ble Union Minister of State for Home Affairs, Shri Hansraj Gangaram Ahir, the Chief Guest, inaugurated the Conference on 21st June, 2018 in the esteemed presence of DGP, Telangana Police, Shri Mahendra Reddy, IPS.



INAUGURAL SESSION

Welcome Address by Director, NCRB

Dr. Ish Kumar, IPS Director NCRB, heartily welcomed Hon'ble **Shri Hansraj Gangaram Ahir (MoS Home Affairs)** and thanked him for agreeing to inaugurate the XIX All India Conference of Directors of Finger Print Bureaux of the country. He also welcomed Shri Mahendra Reddy, IPS Director General of Police, and officers of Telangana Police and the delegates from different FPBx to this Conference.

Finger Print evidence is generally considered to be highly reliable by investigators, jurists, and commoners alike as it is fool-proof, user friendly and not to speak, most cost effective amongst all the forensic tools. DG, NCRB informed the house about the newly instituted awards of excellence to be given away to three prominent achievers across the Finger Print fraternity, and the AIBE toppers also to be given cash prizes. He desired to make CFPB, which is nodal agency for all Finger Print works in the country, as centre of excellence and national repository of Finger Print data.



Address by Chief Guest Hon'ble Shri Hansraj Gangaram Ahir (MoS Home Affairs), Govt. of India

Inaugurating the conference, Chief Guest honorable Shri Hansraj Gangaram Ahir (MoS Home Affairs), Govt. of India welcomed DGP, Telangana; Director, NCRB and all other delegates.



He said that important issues relating to Finger print Science, development of latent print technology, detection of Crime and Criminal usage of this science in identification of persons and deterrence to crime will be discussed in the Conference to evolve solutions

for matters of common national importance.

Sessions held during the conference

SESSION-I: AFIS AND CCTNS

(21/06/2018, 11:00 Hrs to 13:00 Hrs)

Presentations :

- NAFIS, migration of existing digitized data & non-digitized data into NAFIS -Mr. A. Mohan Krishna, Dy. Director(C-III) NCRB.
- “AFIS installed in SFPB Telangana” by Mr. Prabhakar Rao, DSP (I/C), SFPB Telangana, Hyderabad.
- “AMBIS Progress” - Mr. R.B. Kulkarni, Director/S.P (FP), FPB Pune, CID, Maharashtra.
- “CCTNS/ICJS” by Shri Ravi Gupta, IPS, ADG (Tech), Telangana
- Presentation by Mr. Munishwar, NIC Delhi

Agenda points taken up for discussion were on Procurement of NAFIS, NIST compliance to perform national level search, INTERPOL-AFIS database connectivity & Limited access to Aadhaar data to facilitate crime/criminal identification.

SESSION-II: PRESENTATION ON EXCELLENT FINGER PRINT CASES

(21/06/2018, 16:15 Hrs to 17:30 Hrs)

1. **Karnataka**, Shri. N. Somashankar (SI) (**I Prize**),
2. **Telangana**, Ms. Swarna Jyothy (SI) (**II Prize**)&
3. **Andhra Pradesh**, Shri. T. Ramachandra Rao (Insp.) (**III Prize**) presented their solved cases through Finger Prints.

Other cases of excellence in Finger Print were also presented and applauded by the house.

SESSION-III: DISCUSSION ON COMMITTEE REPORTS

(21/06/2018, 14:30 Hrs to 16:00 Hrs)

- **Agenda discussion:** Modernization of State FPBx, Collaboration with universities/ research organizations, Recruitment for Proper functioning & Procurement of FP Equipment of SFPBx, NABL accreditation & Medals for scientific community.

SESSION-IV: LEGAL ISSUES

(22/06/2018, 09:30 Hrs to 10:30 Hrs)

Presentation on Amendments in Identification of Prisoners Act, 1920 by Mr. P.S. Gulati, NCRB

Agenda discussion: Amendments to IP Act, 1920, Standardization of the rank of Director’s post of FPB, Collection and documentation of judgment copies of the crucial cases. & Rank of officer (Insp. /DSP) to be authorized for recording of suspect’s FP’s.

SESSION-V: ADMINISTRATIVE MATTERS

(22/06/2018, 10:30 Hrs to 11:45 Hrs)

Agenda discussion: Tie up with Universities for diploma to personnel undergoing proficient course in FP science, Minimum qualification for appearing in AIBE, Separate session on FP Science should be kept in DG Conference, & Assessment of SFPBx

SESSION VI: PRESENTATION OF RESEARCH PAPERS BY PARTICIPANTS FROM VARIOUS COLLEGES /UNIVERSITIES

(22/06/2018, 12:00 Hrs to 15:00Hrs)

During the conference many scholars presented their papers on the important topics as below

- Application of Blue Nanophosphor ($\text{CaAl}_2\text{O}_4: \text{Eu}^{2+}, \text{Dy}^{3+}$) For Latent Finger Print and Lip Mark Development, by Research Scholar, Amity University, Noida, UP.
- Relational Scrutiny of Dermatoglyphic Markers and Executive Functions by Research Scholar Raksha Shakti University, Ahmedabad, Gujarat.
- Difference between Conventional Methods and Modern Methods for Examination of Finger Prints by Master's Student Guru Ghasidas University (A Central University) Bilaspur, Chhattisgarh.
- Application Of Tube Repair Rubber Patches For Lifting Of Finger Prints & Their Preservation By Trasoscan Laboratory Imaging System by Research Scholar, Dr. Harisingh Gour Vishwavidyalaya, Sagar (M.P.)
- Evaluation of different Non- Finger Print Powders for The Development of Latent Finger Prints on Various Surfaces by SI (FP), CFPB, NCRB

All India Board Examination for Finger Print Expert Examination (AIBE) 2017 Results

Top three positions were held by

Shri Ajesh K V- K, FP Searcher, Kerala

– 1st

Sreeja S Nair, FP Searcher, Kerala

- 2nd

Chithra Devi G R & Sreejaya A V (FP Searcher, Kerala)

- 3rd (Joint)



Shri Ajesh K V- Topper of AIBE-2017



Sreeja S Nair- 2nd Topper of AIBE-2017

Valedictory address by Chief Guest, the Honorable Home Minister of Telangana Shri Naini Narsimha Reddy

Chief Guest, the Honorable Home Minister of Telangana Shri Naini Narsimha Reddy, expressed with pleasure that XIX All India Conference of Directors of Finger Print Bureaux is a special day and he considered finger print a very serious and important subject. The chief guest stressed that lot on F.P. Research and need for setting up of a University for the purpose. Later released a book titled “Award of excellence in FP Identification / science competition- compilation of cases” and presented certificates and Mementos.



RECOMMENDATIONS OF THE XIX ALL INDIA CONFERENCE OF DIRECTORS OF FINGER PRINT BUREAUX

I. **NAFIS/AFIS Related Matters**

1. **NIST compliance**: Depending upon the requirements and budget, various states have or are in the process of procuring AFIS system that might differ in data formats which might make them incompatible with each other and the proposed NAFIS. Therefore, NCRB proposed that AFIS data should be in the standard format, i.e. NIST standard for interoperability between different national as well as international systems.

(States/UTs)

2. **Integration with CCTNS**: It was also proposed to integrate CCTNS database with proposed NAFIS database for exchange of demographic details and providing unique identifier in CCTNS database.

(NCRB)

3. **National Criminal Number (NCN)**: It was felt that there is no unique identifier for the same criminal if he commits crime in different States, as Regular Criminal Number (RCN) allotted to the same criminal is not unique in different states, since

each state allots different RCN. Therefore it is proposed to allot National Criminal Number (NCN) by NCRB so that it works as unique identifier.

(NCRB)

4. **INTERPOL-AFIS database connectivity:** An international exchange of FP database might be a factor in improving the national conviction rate. Also for verifying international criminals the 24/7 facility should be accessible through CBI (National Police/ICPO) authorization. NCRB was asked to workout modalities to integrate FP database of Interpol with NAFIS.

(NCRB/States/UTs)

II. Modernization

Presentation was given by the member of the committee constituted under the chairmanship of Shri Sumit Sharan IPS, IGP Tamilnadu and it was proposed that items namely: (a) Live palm Scan / Laptop, (b) Forensic Optical Comparator, (c) Fuming chamber for Ninhydrin, DFO and Iodine, (d) Master expert Latent Print Kit, (e) Tactical Crime Scene Latent Print Kit (soft synthetic bag type of case), (f) Type III Post Mortem Finger Print Kit, (g) PWS Powder Workstation, (h) Digital Forensic Evidence Examination Station, (i) Alternative light source (ALS)/kit, (j) Hand held Multimodal biometric collection device, (k) Zoom- Stereo microscope, (l) Reflected Violet Imaging System (RUVIS), (m) Color Forensic Video Magnifier, are essential for each state FPBx. Conference recommended that all state FPBx must procure these items under modernization.

III. Manpower and standardization of the structure of the FPBx:

Conference discussed the recommendation of earlier committee and felt that guidelines about the type of manpower from centre would help State Government in deciding the structure. A committee is proposed under the chairmanship of Dy. Director(C-III) NCRB with members from Uttar Pradesh (Shri Anil Kumar Singh, IPS, SP), Bihar (Mrs. Anjana Kumari, Director), Telangana (Shri Prabhakar Rao, Director), Maharashtra (Shri R B Kulkarni, Director, Pune), Delhi (Shri R K Vajpayee, Director), Karnataka (Shri Mahabaleshwar Hedge, Director) , Madhya Pradesh (Mrs. Nidhi Srivatasava Inspector) and NCRB (Shri S. P. Singh and Smt Indira Sudha, DSP) to work out the manpower requirements.

(Committee/NCRB)

IV. Capacity Building and Research

1. Collaboration with universities/ research organizations:

People associated with various law enforcement agencies are often unaware of the latest advancements in the field of FP science. It was felt that collaboration with universities/ research organizations would be beneficial for FP personnel to be aware of such

technological advancements. Therefore, all State FPBX and NCRB were requested to have tie ups or MOUs for the interaction with Universities/Institutions.

(NCRB/States/UTs)

2. FP experts should try to expand the scope of their expertise by learning new multi modal biometrics:

The Conference recommended that with the advent of technological advances in the field of personal identification, the role of a FP expert has to be extended to cover the other biometrics such as Voice Samples, Vein Pattern, Hand Geometry, Earlobe Geometry, Iris and Retina Scan, Photographs, Palm Impression, Foot Print Impression as well. FP experts should look forward to learn the technicalities of the upcoming multi modal biometric systems to stay credible and in demand in this progressive field.

(NCRB/States/UTs)

3. Training of finger print personnel in foreign training institutions:

In order to equip our Finger Print experts at par with the international standards and knowledge, the conference recommended that Finger Print personnel need to be sent for training in foreign institutions so as to make them aware of the latest practices in the field of Finger Print science. It was proposed that NCRB should identify and coordinate with such institutions and take MHAs approval for the same.

(NCRB)

4. Training in the Sate Bureaux for capacity building:

Finger Print experts, already scarce in most of the state bureau, are not capable of coping up with all the crime scenes requiring Finger Print related services. Therefore, Director NCRB proposed that the directors of SFPBX must take steps towards capacity building by training subordinate staff in FP science, so as to enhance the overall output of the bureau.

(States/UTs)

V. Legal Matters

1. **Amendments I.P.ACT 1920:** Delegates expressed that hand geometry and vein pattern to be included in 'measurements'. It was felt that the amended IP Act should be generic in nature in order to widen the scope of investigation.

(NCRB)

2. **Limited Access to Aadhar database:** Director NCRB stated that Police are disposing every year about 45,000 dead bodies as their identity could not be established with the available facilities and proposed that if limited access is given to Aadhar database, then those bodies can be handed over to their relatives. He also stated that 80% to 85% criminals are first time offenders and with the existing database, it is not possible to match even though chance prints are developed from the scene of crime. NCRB may take up the matter with the Government to amend the Law so that results or limited access of Aadhar database may be given to Law enforcing agencies.

(NCRB)

3. **Separate database should be created for suspect's prints:** A number of delegates were of the view that Finger Prints of the suspects taken for the purpose

of search should be stored in a separate database instead of keeping them with convict database. All States/UTs were requested to verify and ensure that such separate instances are maintained in their databases.

(NCRB/States/UTs)

VI. Administration Related Matters

1. **GEM Portal:** Conference discussed about the merits in procurement of material through Government Electronic Marketplace (GEM). It was unanimously recommended that NCRB should work out the specifications for the commonly used items and share with GEM for inclusion in their list.

(NCRB)

2. **Exchange of information between states and CFPB:** Tamilnadu proposed to appoint officers from CFPB/NCRB as Nodal Officer for each State/UT. This would assist in resolving all state related issues specially maintaining the FP database at central as well as the state level. NCRB agreed and informed that nodal officer list will be circulated soon.

(NCRB)

3. **Fees for Private/Civil Cases:** Some non-government/private organizations forward the cases for examination by a FP expert as and when required which were not chargeable up until now. Therefore, the conference recommended that from now on certain fee should be charged for examining such private/civil cases. NCRB will collect the information from all States/UTs and propose suitable fees for such services.

(NCRB)

4. **Renaming the Conference Title:** In order to broaden the scope of the conference and also to encourage other institutions carrying out analytical and research work in the field of FP science to participate in the conference, NCRB proposed to rename the conference as “National Conference on FP Science”.

(NCRB)

5. **Director of FPB should be a FP expert:** The Conference deliberated as whether Finger Print Bureau should be headed by only FP expert or not. Several participants expressed that Director with FP expertise would be able to make the scientific and technical decisions pertaining to the bureau in an efficient manner. It is decided that committee proposed to work on manpower issues will look into this matter.

(Committee/NCRB)

VII. Miscellaneous

1. **NABL accreditation & BEST SFPB:**

- a) Accreditation improves the quality and technical competence and efficiency of the Institution. In order to achieve this objective, it was proposed that all FPBx in the country should attempt to gain a NABL accreditation that would make FPBx credit worthy, standardized and quality compliant. Therefore, it was decided to

layout criteria and decides benchmarks for FPBx enabling them to get NABL accreditation.

- b) Thereafter, FPBx can be accessed on the basis of their performance and rewarded. A Committee is proposed to be constituted under the chairmanship of Joint Director (CCTNS) with members from Rajasthan (Shri Pankaj Choudhary, SSP), Himachal Pradesh (Shri Arun Sharma, Director), Punjab (Shri Hardeep Singh, Director), West Bengal (Shri Debashish Ghosh, Director), Tamil Nadu (Shri Krishnamurthy G, DSP), Delhi (Shri R K Rohella, Inspector) and NCRB (Smt S Indira Sudha, DSP) to suggest guidelines for accreditation and to work out the parameters for choosing best Finger Print Bureau

(Committee/NCRB)

2. Medals for scientific community:

It is proposed that work done by scientific community working in various police organizations needs to be recognized by awarding medals. It was concluded that scientific community broadly falling under 4 categories, namely (a) Finger print science (b) Wireless/Communication (c) Forensic science (d) Information Technology should be awarded with medals on annual basis. While addressing the gathering during the inaugural function, MoS (Home) expressed that it is a good idea and asked NCRB to submit a detailed proposal to MHA for instituting such medal.

(NCRB)

3. Journal on Finger Print Science:

The Conference recommended that CFPB should start a journal on Finger Print Science with 2 issues per year. All States/UTs are requested to contribute meaningful articles/write-ups for this journal.

(NCRB/States/UTs)

4. **Regulating Authority:** Delegates expressed that many private persons are giving opinion in the court as FP Expert and there is no regulating authority for FP Experts like BAR ASSOCIATION for advocates or MCI for doctors etc. The Conference suggested that NCRB may take up with MHA for creating regulating authority for Finger Print experts.

(NCRB)

5. Standard format to be designed for opinion of FP experts:

Delegates from Rajasthan expressed that opinion given in different formats by different FPBx is giving room for cross examination by defense counsels which sometimes diminishes the value of FP expert and the evidence. Therefore, the conference unanimously recommended that NCRB may propose a standard format for furnishing the opinion of FP experts in the court of law.

(NCRB)

6. Revision of CFPB Manual:

Issue of revision of CFPB manual was discussed and States like UP, MP, Punjab, Rajasthan, Maharashtra, and Tamilnadu informed that they have state FPB manuals. It was decided to collect all these State manuals and to revise CFPB manual. A committee

has been proposed in this regard with Shri A Mohan Krishna DD (C-III) as chairman and members from Jharkhand (Shri Neeruj Sahay, Director), Bihar (Shri Ashutosh Kumar, DSP), Delhi (Shri N K Vadhera, Inspector), Maharashtra (Shri Prasad Joshi, API), and CFPB (Shri B. Roy Director I/c CFPB, Shri S. P. Singh DSP, Smt Indira Sudha DSP, Shri R R Sharma, Inspector).

(NCRB)

7. **Collection and documentation of Judgment copies of the crucial cases:** The criteria for the citations for the award of excellence have been broadly divided into various categories with variable weightage, of which the conviction, cross examination and the case intensity are a few to name. The copies of judgment if attached with the cases sent for nomination.

(NCRB/States/UTs)

8. **DGs/IGs Conference:** Delegates suggested that there should be a session in the DGs/IGs conference for Finger Print related issues. Director NCRB informed to the delegates that the issues discussed in the DGs & IGs conference are of different nature; however NCRB will certainly make a request to include this item in their agenda.

(NCRB)
