

NCRB organised a National Workshop on “Crime Data Analytics”

A National Workshop on “Crime Data Analytics” was organised by National Crime Records Bureau (NCRB) in association with Indian Police Foundation here yesterday.

Delegates from State Police (Himachal Pradesh, Maharashtra, Uttar Pradesh, Delhi, Karnataka, Jharkhand, Telangana, Tamil Nadu, Mumbai & Pune Commissionerates), CAPFs (ITBP, BSF, Assam Rifles, SSB), Industry, ISRO (ADRIN), NTRO, IIT Mumbai, BITS Pilani participated in the meeting.

Shri KC Verma, Retd. Secretary(R), Shri Rajendra Khanna, Shri Ram Avtar Yadav Retd. DG (NCRB), Shri Suhir Kumar, Retd. CVC, Shri Jayanto Choudhary, Retd. DG, NSG, Shri Sunil Kumar, Retd. Chief Secretary (Chhattisgarh), Shri Sanjay Sinha, DG (Tripura) Retd., Shri Raghuraman, Ex-CEO, NATGrid also participated in the workshop.

In the conference the topics on Data Analytics, Artificial Intelligence, Machine Learning, Dashboarding and its possible deployment in Police domain were thoroughly discussed.

Dr. Ish Kumar, Director, NCRB described origin, activities and future roadmaps of NCRB. He suggested that the ample Data generated in CCTNS can now be used for Crime Analytics and NCRB will lead efforts in this regard to establish Data Analysis ecosystem in the State Police Forces. NCRB had played a significant role in computerization of State Police Forces by providing hardware and software in CCIS, CIPA and CCTNS project. He also informed that CCTNS is an important pillar in Interoperable Criminal Justice System Project (ICJS). He added that Crime Analytical Software like PredPol has reduced crime by 25% in Los Angeles.

Shri N. Ramachandran, President, Indian Police Foundation (IPF) emphasised on the evidence based data driven practices with crime data analytics tools for predictive policing. He also suggested that NCRB should take a leadership position in establishing itself as pioneer in the field for Police.

Shri Raghu Raman, former CEO of NATGRID shared his experience about the power of Data Analytics to combat crime in strategic level and better policing with some live examples from other domains. Other delegates highlighted problems in collecting quality data, integrity of data, limitation of dynamic search, crime mapping with over-policing, crime displacement etc.

Special Commissioner of Delhi Police spoke about application of IT in Crime Data Capturing and Analysis by Delhi Police. He emphasised on integration of all data from CCTVs and Apps, Social Media Analysis and Control Room. He also spoke about the analysis of non-crime related calls terminating at Police Control. Scientist from ADRIN, strategic unit of ISRO, presented “Crime Mapping Analysis and Predictive Systems” (CMAPS) developed for Delhi Police.

Delegates shared the problems like poor data quality, non-availability of tools and manpower which needs to be overcome to adopt the Data Analytics Framework. The data emerging out of Control rooms and Non-cognisable Crime should also be analyzed. The work done by field level officers in field of IT should be given Platform by NCRB to showcase their products and ideas for national absorption.

Representatives from IIT Bombay and BITS Pilani, who were representing the academia, presented the new inventions done in the area of Data Analytics. The innovation of video compression was suggested to be taken forward with Police and CAPFs for enhancing their surveillance capabilities.

Shri Srinivas, Addl. CP from Telangana Police informed that their Police has established 30,000 CCTV Cameras

with Community support. He also explained the facilities provided to Police Officers and Citizens in their famous HydCop App. Passport verification timeframe has been reduced considerably in Telangana with adoption of IT. They have also envisaged public satisfaction services since last two years and analysis is being done by the third party.

Maharashtra police has also been given a budget of Rs 850 Crores for establishing secure cyber emergency response system with all state-of-the-art tools and softwares. Maharashtra has established a Taskforce to identify and develop IT solutions for Crime-related works.

The NCRB was asked to harp on the success of CCTNS project and develop prototypes which can be adopted by the States and UTs. CAPFs desired to onboard the CCTNS project and utilize its database for their operations. Delegates suggested that NCRB should emerge as National Crime Centre and establish a National Crime Portal.

ESRI, SPSS, Hexagon, Pythian, Tech-friend, Team Computer, Integra, Avlon participated in the event and showcased the work they have done in Crime Analytics along with their ideas and products to the delegates.

Shri Ish Kumar, Director, NCRB proposed the vote of thanks and expressed his satisfaction on the outcome of the workshop.

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