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RNI Number: DELENG/2016/67514



The Next Frontier of Police Surveillance Is Drones

Volume : 3

Issue : 11

July, 2018

Page : 04

Price : ₹ 10-

## Kerala Police To Embrace 'cloud' To Improve Efficiency

In the next couple of months, the Kerala Police will go fully digital in storing, retrieving and processing all case files and investigation reports. For the Police Information Technology (IT) wing is working on a state-of-the-art Document Management System (DMS) to ensure no police record goes missing. The system will also enable any document to be retrieved at the touch of a button.

DMS will have two key components - Knowledge Management System (KMS) and Learning Management System (LMS) - enabling access to police records on sensational cases for training purposes and also to help



police officers refer various reports during investigation. Senior officers say the Kerala Police have huge records on cases cracked using various investigative skills. "Searching for related reports for reference is cumbersome. Many a time, the records could not be found. A lack of proper filing of records has resulted in a mess," an officer said.

With DMS, all documents will be stored digitally and can be accessed by officers for reference. Kerala IT wing

Superintendent J Jayanath said, once the DMS is in place, there will be no scope for files going missing. "Police records can be used even for training purposes as DMS will be linked to KMS and LMS," the officer said. "The department is continually looking for ways to be more efficient and will review the utility aspect of DMS, LMS and KMS. Through DMS, we will explore opportunities to enhance record management, bring in new features to improve usability and to

For the Police Information Technology (IT) wing is working on a state-of-the-art Document Management System (DMS) to ensure no police record goes missing.

create a modern interface for public," Jayanath said.

He said the digital interface will also have the facility for video conferencing and the entire conference will be stored in a cloud platform so that it can be retrieved for future reference. "Police officers conduct video conferencing discussing various aspects of policing. But these videos are not stored. By introducing DMS, we will be able to record the conference and store it in the cloud," he said.

(Source www.newindianexpress.com)

## EDITORIAL

### COPS TODAY

International coming up with new shape and vision, is highly acclaimed by different sects of the society and all over the world. Internationally reputed Criminologist of Canada, Mr. John

Winterdyke has contributed an article in this issue on acute gateway role of police in the criminal justice system. News from different spheres of police activities will surely enhance the knowledge of latest scientific development in police modernisation.

Foundation for Police Research (FPR) feels that propensity of criminals and terrorism to cross national borders-to engage in "transnational crime"- is certainly not a new phenomenon; it is probably as old as the borders themselves. Borders were established to delineate the jurisdiction claimed by each state, and crossing national borders has often provided criminals with a way to mitigate or avoid the consequences of illegal acts. Yet in spite of a long, eventful history, there is strong evidence that transnational crime and terrorist activities have become more prevalent and serious today than ever before. Foundation for Police Research (FPR) is going to organise next gala event of Police Expo and Conference in the month of July, 2019 at Pragati Maidan, New Delhi. Theme of the conference is the "Challenges to strengthen Security and Peace"

"Our courage and success is our reader and wellwisher"



Dr. Tapan Chakraborty

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# Use Modern Technology To Check Crimes: Cm To Cops

Chief Minister N Chandrabab Naidu said police officials should use modern technology to prevent crimes and strive hard to reduce criminal attitude among people. He interacted with 652 newly trained Sub-Inspectors at the Grievance Hall near his residence on Wednesday.

Chandrababu Naidu said police should work with commitment to establish peaceful atmosphere in the State. He said the State will be able to attract investments under peaceful environment.

The Chief Minister said the police should gear up to face new chal-



lenges in curbing crimes as criminals were misusing technology for their benefit. He said 20,000 CCTV cameras would be set up in the State and police should use them to prevent crimes.

Apart from CCTVs, police should use the Internet of Things (IoT), drones and mobile control rooms to check crimes, he said. Among the new Sub-Inspectors, 42 per cent are B.Tech

graduates, 3 per cent M.Tech graduates, 20 per cent post graduates and 35 per cent graduates.

Among them, 342 were trained as civil SIs, 108 Armed Reserve SIs, 11 Railway Sub-Inspectors and 141 women SIs. At the same time, 5,250 candidates completed constable training. All of them belonged to the 2017 batch.

Expressing happiness over recruitment of

highly qualified candidates as Sub-Inspectors, the Chief Minister expressed hope that policing would be strengthened further.

Referring to the political developments followed by the Dachepalli minor girl rape incident, he said that the opposition YSRCP tried to gain political mileage by politicising it. He appreciated the police department in handling the case efficiently.

Investigation, forensic evidence, documentary evidence are important for crime detection and detention, he said. Naidu expressed concern over increasing cases of women traffick-

ing, domestic violence and crime against minor girls.

He felt technology and porn films are among the factors contributing to growth in crimes against women. The Chief Minister was responding to the reports of India being the country which is most dangerous for women.

DGP M Malakondaiah, Home Department Principal Secretary Anuradha, Vijayawada Commissioner of Police Gautam Sawang, Intelligence Additional DGP AB Venkateswara Rao and others were present.

(Source: [www.thehansindia.com](http://www.thehansindia.com))

## Kerala Police should value knowledge effectively: CM Pinarayi Vijayan

The Kerala Police should learn more techniques, like e-learning, and adopt other technologies to turn into an effective force, Chief Minister Pinarayi Vijayan said here on Wednesday. He was inaugurating the one-day National Workshop on Knowledge Management Strategies in Police at the Police Training College. A state-of-the-art auditorium was also inaugurated on the campus.

"Today, we are living in a knowledge society. So we need to be able to value the knowledge more effectively. More technologies should be taught to the police. The government is particular that the police, as a whole, should be modernised," Pinarayi



said. While the Kerala Police personnel were well-qualified in terms of education, he said, they should think about ways to turn it into an asset to the department and in decision-making. The Chief Minister also hailed the achievements of the state police.

"The Kerala Police has always been on the forefront of implementing several people-friendly projects, including Janamaithri policing. Social policing projects like the Student Police Cadet Project received national recognition. Besides, the

child-friendly police stations in the state are also a recent achievement," he said.

ADGP (Training) B Sandhya,

in her presidential address, said a workshop on knowledge management strategies will transform the intellectual part of the Kerala Police. "Janamaithri policing being implemented in the Kerala Police has helped bridge the gap between the police and the public. A paradigm shift in policing is taking place in terms of the integration of technology," she said. ADGP S Ananthakrishnan and DIG (crimes) K Sethuraman also spoke on the occasion.

(Source: [www.newindianexpress.com](http://www.newindianexpress.com))

## Software Aid For Police

Meghalaya police have introduced a new software to monitor social media 24x7, while another arrest has been made in relation to the cases filed against those who allegedly posted inflammatory messages during the recent clashes here.

The police have also taken help from various central government agencies and departments as well as a technological institute in New Delhi to augment the capabilities of the cyber crime wing, Meghalaya special superintendent of police (CID) R. Muthu said on Monday.

"Social media platforms like Google and Facebook have positively responded to the requests of the cyber crime wing to give information about those

who have been putting instigating contents on social media and proper legal instruments are being used to obtain such information," he said.

Following last month's disturbances in the state capital, the cyber crime wing had started legal action as per the provisions of the Information Technology Act, 2008 and the Information Technology (Amendment) Act, 2008, and the IPC in various cases.

While 11 cases have been registered for offensive, inflammatory and derogatory remarks on social media, two persons were arrested.

The officer said some of the 11 cases have their roots outside the state, and efforts are on to identify the culprits.

# Technology helps Chinese regulators detect suspicious financial activity

After a trading company launched an online peer-to-peer lending platform with an advertised daily interest rate of 8 percent, it was immediately detected by financial regulators in south China's Shenzhen City.

Within three days, they handed over the suspected fraud case to the police.

Thanks to newly-developed systems empowered by the latest technologies, financial regulators in Shenzhen are now well-equipped to monitor and detect suspicious financial activities, especially those conducted online.

Lingkun, the latest of the systems, was put into operation Monday. It



was jointly developed by Shenzhen's municipal government and Internet giant Tencent.

Use technology such as big data, artificial intelligence and knowledge graphs, the system can access government databases and detect financial risks in more than 10 areas, including Internet finance, investment, and foreign exchange trading.

During its trial operation, Lingkun proved to

be a powerful tool for regulators. After scanning activities of 11,000 finance companies, it issued more than 60 high-risk alerts to regulators in 10 provincial-level localities.

Financial regulators in Shenzhen said the new systems focused on financial activities that involved exceptionally high profit rates, atypical growth in transactions and overly-complicatedly business relations.

"The higher the profit rate or number of investors a financial product has, the higher the level of alert the system will issue," said He Xiaojun, director of the finance service office of the Shenzhen govern-

ment.

He added that the system could also help regulators find out the inter-relations between participants in financial activities, enabling them to track capital flow and pinpoint the key figures in question.

"Some financial activities can be as complicated as involving 70 business relations, but the system can still swiftly figure out their relationship and identify the key players," He said.

In recent years, as more Chinese companies embark on online financial innovation, cases of illegal financial activities have been on the rise.

"Technology can play a big part in fending off financial risks, which is the priority for local financial regulators," said Zeng Guang, head of Shenzhen's Internet finance association.

Chinese authorities have taken stricter measures to regulate the financial sector, as the country lists preventing risks as one of the "three tough battles" it aims to win in the next three years.

In a prominent move, regulators ordered a ban last September on Initial Coin Offerings, calling the activity "unauthorized and illegal public fundraising." Later, they shut down all virtual currency exchanges in the country.

## India to use AI to track criminals, find missing persons

Artificial Intelligence-powered facial recognition technology will soon become a part of the Standard Law Enforcement toolkit of the Kerala P o l i c e . The department's cyber research facility, Cyberdome, has developed AI algorithms that will help local police scan hundreds of hours of video footage and hunt for a particular object or person. For example, "a person wearing black hat" or "number of yellow cars" on the road, over a certain time window. The technology can identify actions and

can classify them as a fight, accident or crowd gathering. It can also trace objects and people in a video. This project is under the vigilance of State Police Chief Loknath Behera and IG Manoj A b r a h a m . Earlier, after getting the required information from the victim, the police force used to search for a certain object or person manually, to solve the case or find a missing person. The whole process was and is exceedingly time consuming. However, the new technology is equipped to do the same 'search' quicker and more accurately.

(Source: [www.businessinsider.in](http://www.businessinsider.in))

## Every police station under Gajwel follows 5S management technique: ACP Mahendar

Gajwel and Husnabad Revenue Divisions In-Charge ACP Mahendar held a review meeting on the pending cases at the police stations under the limits of Gajwel division on Wednesday at Gajwel Rural Circle office at Gauraram police station.

The officer inspected the records and quantum of the registered cases in the area and ordered the police officers for speedy resolving of the cases pertaining to property, crimes by using CCTV footage and latest technology without any pendency with constant oversight. Intelligence meetings should be conducted with court duty officials and village police officials every month with fail, said the ACP.

A C P M a h e n d a r emphasised on the



implementation of Japanese management technique, 5S that stands for Sort, Set in Order, Shine, Standardise and Sustain to bring in more efficiency in resolving the pending cases with up to date records while maintaining the SOP-standardised operating procedure. The police stations in the Division should be kept clean with sanitation with the separate allotment of lots for seized vehicles, properties and others by allotting duties to the personnel.

The department personnel should strive for uniformed service delivery to the people with friendly policing to establish a strong trust of people in the department. The meeting was attended by Gajwel CI Prasad, Rural CI Shiva Lingam, Thoguta CI Niranjan, and sun Inspectors of Gajwel, Jagadevpur, Mulugu, Markook, Gauraram, K u k u n o o r p a l l y , Doulthabad, Thoguta, Rayapol and Begumpet stations.

(Source: [www.thehansindia.com](http://www.thehansindia.com))

## 100 police stations to be made 'smart' in the state

One-hundred police stations across the state will be converted into smart stations, said State Police Chief Loknath Behera. Addressing the crime review conference, attended by all IPS officers involved in policing duties, he said '5 lakh has been sanctioned to ADGPs (SCRB, training and headquarters) and Thrissur district police chief to develop a working model of a smart station. Once successfully implemented, the project will be extended to other districts.

The key feature is that technically qualified officers will be appointed in smart stations and they will oversee the machines and technology being used in those stations so that better service could be provided to the

public. He said senior officers should visit the stations frequently and give directions to the officers there.

In the wake of the allegations that certain officers were misusing orderlies, it has been decided to curtail the deployment of police personnel on work arrangement. It has been decided that work arrangement will be allowed only to meet the required strength of particular department. The meeting also assessed that political murders have come down and there were no communal clashes reported in 2018. "But there have been attempts to create communal polarisation and police should maintain caution against such moves," Behera told the meeting.

(Source: [www.newindianexpress.com](http://www.newindianexpress.com))

## BPR&D working on non-lethal weapons, need to use drone technology: Rajnath Singh



and police forces in sync with country's defence indigenization programme," the Union home ministry said.

The ministry also added that the liberalised rules

With India marking Kargil Vijay Diwas on Thursday, Union home minister Rajnath Singh said security forces are developing non-lethal weapons and emphasised the use of drone technology to overcome challenges.

The home minister stressed on the need for modern equipment adding that "the BPR&D (Bureau of Police Research and Development) has worked on developing non-lethal weapons. Alongside, drone technology needs to be used," the minister said.

Speaking at the Superintendents of Police Conference conducted by the BPR&D, Singh said, "The police forces have handled several complex crimes and should be given modern equipment and weapons."

In the same vein, Singh highlighted the challenge that security forces in

Kashmir and Chhattisgarh battling terrorism and left-wing extremism had to brave.

In October 2017, the home ministry had set the ball rolling on indigenously manufacturing weapons following the liberalisation of the Arms Rules that had paved the way for increased investment in the manufacturing of arms and ammunition and weapon systems as part of the "Make in India" programme.

"The liberalised rules are expected to encourage the manufacturing activity and facilitate availability of world class weapons to meet the requirement of armed

will apply to licenses granted by MHA for small arms and ammunition and licenses granted by the Department of Industrial Policy and Promotion (DIPP), "for tanks and other armoured fighting vehicles, defence aircrafts, space crafts, warships of all kinds, arms and ammunition and allied items of defence equipment other than small arms."

Following the Mumbai terror attacks of 26 November 2008, the home ministry had initiated efforts to improve security along the country's 7,000 km coastline.

(Source: [www.livemint.com](http://www.livemint.com))

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