



Press Note



FICCI SMART Policing Awards

Kerala Police Cyberdome - wins the FICCI Smart Policing Awards 2018 in the Category of Cyber Security

Kerala Police is proud to announce another national recognition for its unique initiative in the area of Cyber Security. **Kerala Police Cyberdome, has won the FICCI SMART Policing Awards 2018 in the category of Cyber Security**, and the award was handed over during the Homeland Security 2018 conference, which is scheduled on May 31st, 2018 at FICCI, Federation House, Tansen Marg, New Delhi.

The selection was made out of 211 entries which were received from State Police Forces and Central Armed Police Forces, the esteemed jury members of FICCI SMART Policing Awards selected-

Cyberdome – A public private partnership initiative for cyber security

Category: Cyber Security

Cyberdome is the technological research and development centre of Kerala Police Department conceived as a cyber centre of excellence in cyber security as well as technology augmentation for effective policing. It encompasses as a high tech public-private partnership centre of collaboration for different stakeholders in the domain of cyber security and handling of cyber crimes in a proactive manner. **It is the only law enforcement organization which has gained the ISO-27001 certification for Information Security Management.**

The major achievements of Cyberdome in the last Year, which were considered by the Awards Committee are as follows-

1. A new **Social Media Lab** for tackling all the challenges that the Social Media poses for the police department is opened under Cyber Dome. The Centre is using various software's, including the one developed by IIT Delhi for social Media analytics and also CyberDome has tied up with various Private companies for Social Media Management and analytics, free of cost.
2. **Cocon** Conference- An annual International conference titled 'COCON' has successfully been organised for last few years by Kerala Police, to create a rapport with Industry, academia and International collaborators in this domain.
3. **VAPT Analysis** - VAPT (Vulnerability Assessment and Penetration Testing) was done on all major Government websites and Cyberdome reported the vulnerabilities to the concerned departments for correction.
4. **Workshops/ Training** – Training/ Workshops are conducted regularly on latest issues and trends in Cyber security for officials and members of the public in Thiruvananthapuram.

6. **Monitoring the Darknet**- In association with certain companies and individuals, cyberdome is monitoring Darknet for proactive security.
7. **Offensive Strike capabilities**- A Cyber Defence Corp has been setup with a group of Individuals experts from the Cyber Security Industry, capable of offensive cyber attacks.
8. **Piracy Tracker**- A software has been developed in partnership model and this has been very successful in preventing Piracy of films, particularly Malayalam movies.
9. **Online Safety of Children** – A programme named “KIDGLOVE” is initiated in areas like enhancing online safety for children, engaging parents in the cyber world thus helping to create good digital parents and it is expected to be extended to all the schools in Kerala.
10. **Parental Control Software** - A new software to tackle this global menace of Online Child Abuse & Exploitation in order to protect and/or rescue children by establishing legislation, raising awareness, reducing access to harm and supporting children from abuse or exploitation, is under development.
11. **Anti Bank Fraud Cells** – A Special Cell with a helpline has been created in association with RBI to tackle bank frauds, with particular reference to OTP frauds, online frauds and hacking of the Banking Sector. An online office of all the major banks is made operational for information sharing.
12. **Association of Mobile Wallets** – A close liaison is being maintained with all mobile wallets on a shared platform to plug holes in the transactions related to mobile wallets under the close supervision of the RBI.
13. **Location Tracking** – Cyberdome in association with IIITMK has developed a new software for exact pinpointing of mobile phone locations using the various GPRS coordinates available from the Cell ID and this will be useful to track down the absconding accused.
14. **Traffic Apps** – Cyberdome in association with Strava Technologies has developed a Kerala Police Traffic Apps with a host of features for the benefit of the travelling public.

15. **Cyber Augmented Reality Character for Cyber Security Awareness-** Release of an Apps with Cyber Augmented Reality Character for Cyber Security Awareness among students. This was done in around 4000 students in Kerala for cyber security awareness.

16. **Botnet and Malware Analysis Centre-** Cyberdome has also setup "Botnet and Malware Analysis Centre" as one of the biggest threats in the current scenario is malware being embedded into hardware systems. In order to understand how technology fails and can thus be improved, to identify how assets are targeted and how they can be better protected, and to identify evidence that may be useful in pursuing attribution of adversaries

17. **Training Courses** - Cyberdome helps to build the capacity of our policemen within our country and other countries, equipping them with the knowledge, skills and best practices needed to meet today's policing challenges. Partnerships with the public and private sectors, ensure the continued relevance of our training courses and access to the latest thinking and expertise. Training courses cover specialized crime areas such as terrorism, drugs and human trafficking, investigative support tools, forensic techniques etc.

18. **Research Centre** - Cyberdome is a cutting-edge Research and Development facility for the identification of Cyber crimes and criminals, innovative training, operational support and partnerships. Here the experts in the Police Department and IT cyber security industry experts, work together to bridge the gap which previously existed in the investigation of cybercrimes, thereby channeling the resources and expertise to address Cybersecurity, which has emerged as one of the most important national security challenges that our country is facing in the present scenario.

The mission/ Vision of the CyberDome Centre is to "Ensure a Cyber Secure world" and in this drive we have got a huge response from the industry, the private sector and the professionals engaged in the IT Industry, who have come forth to partner us in this novel venture. Cyberdome is thus marching ahead as a law enforcement entity, in the vast and borderless world of internet, to keep it safe and secure. The model has now

been adopted in many States including Assam, Punjab, Tamilnadu, and many more States are on the anvil.

With the huge success of the Cyberdome Initiative, Kerala Government has now approved the establishment of Cyberdome Wings in Calicut and Kochi. The Calicut wing has already started operations and the Kochi Wing is expected to Kickstart in the next two months.

Kerala Police is proud to share the credit of this recognition with all the citizens of the State and particularly with all the Cyberdome volunteers who have contributed immensely to the success of the project.

Loknath Behera IPS

State Police Chief,

Kerala