Drone'KP 2021

Kerala Police has always been committed to keeping ourselves equipped against new and emerging threats, especially in technology areas affecting the security of the state and its citizens. The emergence of 'drones' or 'unpiloted aircraft' has made a significant impact on security and surveillance in recent times. As in the case of any other new technology in this space, it poses huge opportunities along with a host of new threats to law and order establishments. law enforcement agencies across the globe are realising that remotely operated drones are emerging as force multipliers in the hands of criminals and terrorists.

With the objective of elevating the technical capabilities in this constantly evolving domain, Kerala Police Cyberdome is proud to announce first of its kind International drone development Hackathon - 'Drone'KP' with core focus on Drone technologies.

The Competition

Drones come very handy for policing in various avenues including Areal Patrolling, Surveillance and Emergency Relief/Support. At the same time, drones are used by anti-national/criminal entities for activities including spying of sensitive government establishments with audio/video recording, sabotage planning on critical establishments and trafficking of illegal goods such as drugs and weapons. This hackathon aims to provide opportunities for socially committed and technically competent organizations, academia and individuals to join hands with Kerala Police Cyberdome to improve operational effectiveness of policing by leveraging drone-enabled technologies and to devise mechanisms to counter the emerging threats posed by drones.

DR NE'KP
Eagle Eyed Policing

In keeping up with the latest technological trends, Kerala Police is foraying into the realm of the drones. Kerala Police is coming forth again with an exclusive hackathon "**Drone'KP"** - for identifying innovative solutions and suitable workforce in drone technology, with the theme **"Eagle eyed Policing".**

"The event will be a perfect launch pad for drone-geeks, inspiring students, start-ups and budding entrepreneurs to create leading-edge solutions that can strengthen the drone capabilities of Kerala Police."

#eagle_eyed_policing

Cyberdome is a Centre of Excellence of Kerala Police to meet long term security challenges in the digital arena of modern world by bridging the gap between the latest changes and innovations in the cyberspace and skill set development of Kerala Police in combating the emerging cyber threats, and a collaboration Centre for both public and private fraternity to converge and share the information as well as resources that will escalate the safety of our cyberspace.

Kerala Police Cyberdome

With all technological paradigms, utilities can be misused, and this is an increasing occurrence with drones. It is imperative to develop novel methodological approaches for the digital forensic analysis of a seized drone, to build police specific solutions and counter mechanisms to fight the future threats posed by drones. In this backdrop, the Kerala Police came out with the Kerala Police Drone Forensics lab and research centre as a special wing under the Kerala Police Cyberdome.

Kerala Police Drone Forensic Lab

HACKATHON SCHEDULE

26 OCTOBER 2021

Website Launch and Registration Kick-off

30 NOVEMBER 2021

Registration ends

03 DECEMBER 2021

First Phase Screening

25 NOVEMEBR 2021

Product development of Drone forensics solution and Anti Drone system categories begins

14 DECEMBER 2021

Completion of Product Development

16 DECEMBER 2021

Drone Development Hackathon - Day 1
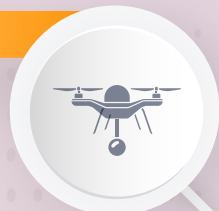
Drone'KP Product Evaluation & Award Function 2021 - Day 2

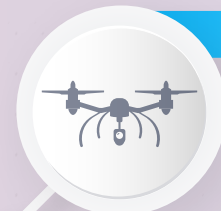**FINAL DAY | 17 DECEMBER 2021**

CATEGORIES

SURVEILLANCE DRONE

Challenge is to design and develop the best surveillance drone that can improve the surveillance capabilities of Kerala Police.

HEAVY LIFT DRONE

Challenge is to design and develop heavy lift drones that can be used to provide emergency relief goods to disaster affected victims like flood.

DRONE FORENSIC SOLUTIONS

Challenge is to develop Drone forensic solutions related to recovery of digital evidence or data from a drone under forensically sound conditions.

NANO DRONE

Challenge is to design and develop a properly functioning, smallest and lightest drone

ENDURANCE DRONE

Challenge is to develop a drone with the highest possible flight time in all weather conditions.

ANTI DRONE SYSTEMS

Challenge is to develop a prototype of Counter drone systems that can detect and or intercept unwanted drones and unmanned aerial vehicles (UAVs). The system may identify drone threats instantly and may have the capabilities to both detect and destroy drones in the air.

drone.cyberdome.kerala.gov.in

AIR SHOW

Let the world see your flying skills.

Be a part of the Drone'KP AirShow.

Are you a skilled drone pilot? Here is an opportunity for you to be a part of Drone'KP and to showcase your flying skills. Register via our website and our team will get in touch

Register Here

DRONE EXHIBITION

Want to showcase your drone solutions?

Reserve your space now

Opportunities for drone startups & companies to exhibit your products that can been seen as innovations in drone development. Visit our website, Fill out the form and we will get in touch with you.

Register Here

Prizes

Opportunities

Be the change catalyst for the future technology-driven policing of the Nation.

Recognition

Get recognized and referenced by the Top Players.

Rewards worth lakhs

Fully loaded with exciting Prizes!

Connect with us

We also want to ensure we can meet the needs of our partners when it comes to accessibility. Feel free to reach out to us for questions and suggestions regarding Drone'KP 2021:

support@hackp.kerala.gov.in

Syam Kumar A

Operations Officer , Kerala Police Cyberdome
+91-9847723068

IMPORTANT LINKS

🌐 **https://drone.cyberdome.kerala.gov.in/**

f **https://www.facebook.com/KeralaPoliceCyberdome**

🐦 **https://twitter.com/CyberdomeKerala**

▶️ **https://www.youtube.com/c/KeralaPoliceCyberdome**

in **https://www.linkedin.com/company/keralapolicecyberdome2016/**

Organized by

Kerala Police Cyberdome