Webinar on Drone App Challenge

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The webinar on Drone App Challenge was conducted on February 06, 2020 from 11am to 12pm. The webinar was driven by the following dignitaries:

- Shri Tarun Pithode, Honourable Collector of Bhopal
- Shri Deepak Singh, CEO, BSCDCL
- Shri Yogesh Khakre, CS, BSCDCL
- Mr. Mohan Doifode, Director, Deloitte
- Ms. Divya Pillai, PWC

Objective: The objective of the webinar was to address the need and use of this App.

A brief of the discussion carried during the webinar is as follows:

1. **About the Challenge**

   Drones are a technological platform which has a wide range of applications encompassing photography, agriculture, infrastructure asset maintenance, insurance etc. Drones are commonly visible in the sky and hence on corresponding rules and guidelines were issued by Director General of Civil Aviation on August 27, 2018 to permit the operation of "Nano" & "Micro" drone flying at a height between 15m to 60m in a specific zone. The objective of this challenge is to develop an App to collect information only for all the 'Nano and Micro' drones flying in the city.

2. **Use of the Application**

   The use of this app based information system is to get the prior information of intended flying of the Nano & Micro drones in the vicinity, support the District Administration of Bhopal and notify the Law Enforcement Agencies about the type of drone, its flying time, height, location and purpose.

3. **Expectations for the applicants**

   The participants are requested to adhere to the guideline that were issued by Director General of Civil Aviation on August 27, 2018 to permit the operation of "Nano" & "Micro" drone flying at a height between 15m to 60m in a specific zone. (Please refer to Para 7.2 of the DGCA rules).

   This app should only collect the information of the Nano/Micro drones/ pilots that are registered with DGCA. If the pilot and his drone is not registered, the app should be able to direct the pilot to DGCA website to in order to register himself and his drone first.

Suggested features of the App should include – Name and contact details of the Pilot, Owner's Acknowledgement Number (OAN), flying time, flying location, purpose of flying, Drone Acknowledgement Number, type of drone such as fixed wing, multicopter and VTOL (Vertical take-off and landing) drones.

The link to submit the application will be available from February 10, 2020 to February 22, 2020. The winner whose app is selected by expert committee will be awarded a cash prize of INR 50,000 and the other top three developers will be awarded cash prize of INR 20,000 each.

4. **Evaluation Parameters**
The application will be arbitrated by an expert panel on the basis of its security, user interface, application architecture, integration capabilities, app performance, crashes, speed, latency etc.

Participants can reach out to us on bnest@smartbhopal.city for any queries.