

**Government of Karnataka  
(Police Department)**

**No.14/ADGP-PCW/DG&IGP Conf/2019-20**

**Office of the  
Additional Director General of Police  
Police Computer Wing  
Bengaluru. Date: 21/11/2019**

To,

The Director General and  
Inspector General of Police,  
Karnataka State,  
Bengaluru.

Madam,

Sub:- Compliance report for conducting the India Police  
Hackathon 2019

Ref:- Joint director and conference secretary,  
Intelligence Bureau, MHA D.O. letter No. 11/  
Police(L)2019(13)3840. dated 31/08/19

This has reference to above subject, Conference Secretary, DGsP/ IGsP  
Conference 2019 requested to host a Hackathon (pertaining to point no 15)  
for finding workable solutions for day-to-day problems faced by Police, as well  
as for data mining and analytics solutions to strengthen Police functioning at  
any location within the region by involving all the States/UTs of the Southern  
Regional Police Coordination Committee.

Karnataka State Police conducted a Hackathon in this regard by  
name **India Police Hackathon 2019 at R.V. College of Engineering®**,  
**Bengaluru** on 16<sup>th</sup> and 17<sup>th</sup> of Nov 2019 for the period of 36 hour for the  
five police problem statements mentioned below.

- 1. Facial Recognition** - Tracing of missing persons in Police and  
Official open source databases and Internet (Public Domain).
- 2. MoRTH Data Analytics** - Road accident data analytics. Static /  
dynamic / diagrammatical representation.
- 3. Unified Communication App** - For complete official  
communication.



#### **4. Centralised Standard Beat Management Solution.**

#### **5. Connecting Online presence for OSINT and Investigation.**

The venue was RV College of Engineering in Bangalore, who were also the cohosts and 45 teams from all across the country battled for the honors, national recognition of winning this mega event and a **prize of Rs. 1 lakh. The second and third prizes were Rs.75,000 and Rs. 50,000 respectively.**

**Out of 303 teams which applied 290 qualified for the Online Preselection round. IEEE as the Knowledge Partners** were tasked to conduct the selection process. At the end of online Preselection round, **45 teams made it to the finals** which was held on 16th and 17th of Nov 2019. Ten Teams went to the Power Round at the end of the Hackathon coding process. Those ten teams were given 10 mins presentation slot inclusive of Q&A to present before the Jury. Dataiken, a startup provided the technology platform and Coding Club RVCE provided complete volunteer support.

The IEEE went ahead with the mentoring, evaluation and tabulation and declaring the results for the final on site round of the Hackathon. They are a group of extremely qualified volunteers who delivered exceptional service for free. The results were declared in the Awards Ceremony on 17.11.2019.

Smt. Sapna Tewari IPS, Joint Director, Subsidiary Intelligence Bureau, Benagaluru, inaugurated the Hackathon and Dr. Shanmukha Nagaraj, Dean, RV College of Engineering was the Guest of Honour. Dr. Rajneesh Goyal IAS, ACS, Home Department, Govt. of Karnataka was the Chief Guest for the Award Ceremony and Dr. K.N. Subramanya, Principal R.V. College of Engineering was the Guest of Honour.

**Sarvatra, a team from Indian Institute of Science, Bengaluru,** won the India Police Hackathon 2019 (Facial Recognition), the second and third prizes went to the **Team Vikings from Target Corporation of India** (MoRTH data analytics)



and **Team Doozie from Doozie Software Solutions** (Beat management). The final codes will be reviewed again shortly to decide on the strategy to transform them into functional products at the earliest.

Hackathon was conducted utilizing funds under the CCTNS head. The innovative solutions which came out of the Hackathon would enhance the functionalities of the CCTNS project.

### **Pictures of India Police Hackathon - 2019.**



**Inaugural Function**



**Award Ceremony**




**1<sup>st</sup> Prize Winners**



**Hackathon Venue**

Thanking you,

Yours faithfully,

  
Additional Director General of Police,  
Police Computer Wing,

### **Copy to:**

1. The Additional Director General of Police, Grievances and Human Rights, Chief Office, Bengaluru.