



## **Demonstration on "Surveying & Mapping using Drone" @ BVM on 1/2/2020**

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Civil Engineering Department, BVM had organized one day Demonstration on "Surveying & Mapping using Drone" @ BVM on 1/2/2020. The objective of the program is to extend terrestrial Surveying & Mapping to Aerial Platform using UAV. The event is financially and technically supported by Lawrence & Mayo (I) Pvt. Ltd.

Participants: 23 Participant from ADIT, BVM, DDIT, ISTAR, GTU, SMAID, and Industry 360 Surveyors

### **Inaugural Function:**

Dr. L.B. Zala, HOD, Civil Engineering & Convener of the event had welcomed the guests and all. Dr. H.J. Chauhan, Coordinator has briefed about Surveying using Drone, he had emphasized on shifting of platform form Terrestrial to Aerial for Surveying. Er. Devang Vyas, Chief Guest had provided information about various types of Drones. Dr. I.N. Patel, Principal, BVM & President of the function had emphasized on accurate data collection using latest technology, which helps in timely project completion. Prof. P.J. Shah had extended vote of thanks to all, who directly and indirectly helped to organize the event.

### **Schedule of the Program:**

Session 1: Theory on "Fundamentals of Surveying & Mapping using Drone"

Session 2: Practical demonstration of Data collection and processing using Drone for Mapping.

### **Technical Expert:**

- Er. Devang Vyas, Sr. Area Manager, Lawrence & Mayo (I), Pvt. Ltd.
- Er. Amar Mehta, Sales Executive, Lawrence & Mayo (I), Pvt. Ltd.
- Er. Dhiraj Jha, Product Support Executive, Lawrence & Mayo (I), Pvt. Ltd.
- Mr. Ramesh Rana, Product Support, Lawrence & Mayo (I), Pvt. Ltd

Session 1, Theory on "Fundamentals of Surveying & Mapping using Drone" is explained by Er. Devang Vyas, Sr. Area Manager, Lawrence & Mayo (I), Pvt. Ltd in forenoon session. Session 2, Practical demonstration of Data collection and processing using Drone for Mapping is carried out at Bakrol lake area. Collected data are processed and final output is prepared as shown in below Figure.

Glimpses of the event:



Mosaic of study area prepared after Drone Surveying:



Prepared by:  
Dr. H.J. Chauhan  
Coordinator