



Hope Foundation's  
**International Institute of Information Technology (I²IT)**  
**Hinjawadi, Pune- 411057**

## **Department of Information Technology**

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### **Activity Report** **International Webinar**

**Academic Year:** 2020-21

**Semester:** I

**Name of Event:** International Webinar

**Date of Conduction:** 3<sup>rd</sup> December 2020

**Time:** 11:00 AM to 12:00 PM

**Targeted Audience:** All students and Faculty

**Number of Participants:** 60

**Venue:** Online

**Topic:** “Taming IOT Data”

**Resource Person:** Dr. Athman Bouguettaya

**Coordinator:** Prof. Manjusha Amritkar

**Objectives:**

1. To learn domestication of Big Data
2. To get future research idea related to big data

## Outcomes:

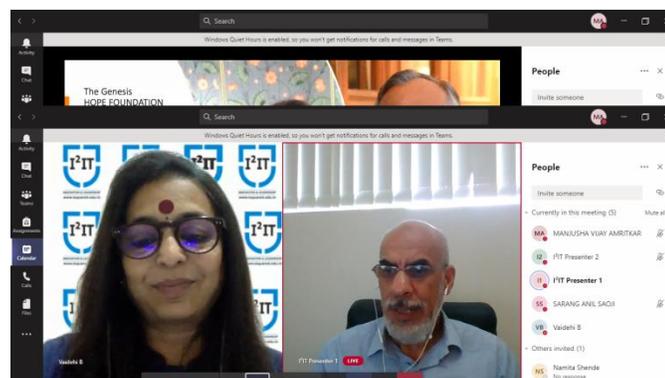
1. Students will come to know how to transform massive data into artefacts.
2. Students will come to know research based knowledge on cloud sensor data.

## Activity Description:

The event was graced by highly qualified, ACM Distinguished Scientist and ACM Distinguished Speaker, Professor Athman Bouguettaya. He is Head of School of Computer Science, IEEE Fellow, and Graduate of the Australian Institute of Company Directors.

The entire discussion consisted of our guest answering queries regarding Big Data, about existing technologies and the need of it in the IT industry. The trend toward specialized analytics that are tailor-made for special types of data is already accelerating. For example, analytics with algorithms for textual understanding are already being used to pore through the vast streams of tweets and e-mails produced each day to look for such things as terrorism threats and shifts in the way that a product is perceived.

## Event Photos:



Prof. Vaidehi Moderator Introducing Speaker

Internet of Things (IoT): All living and non-living things connected to the Internet

"Things" refer to any physical object with a device that has its own IP address and can connect & send/receive data via a network

Networks: 2G/3G/4G, ZigBee, Wired, BlueTooth, WiFi, NFC

Devices: Cargo Container, Energy Substation, Smartphone, Wearables, Animals, Shopping Cart, Vehicles, Smart Meter, Bike Computer, Wind Turbine, Gas Pump

Dr. Athman explaining about IOT Data

Research Issues in Sensor-Cloud Services

Requires

- New real-time spatio-temporal service composition mechanisms using:
  - Quality model to select Sensor-Cloud services

Word Cloud: assurance, security, support, choice, satisfaction, trust, promise, quality, commitment, guarantee, #1, BEST SERVICE

Research idea on IOT Data