

# Workshop on Big Data: Real Time Analytics

(Offered by Centre for Excellence in Big Data Analytics setup under NSM)

Date: 27 – 28 October, 2017

Venue: C-DAC Knowledge Park, Bengaluru - 560038

## OBJECTIVE

The Big Data problem is generally stated as the need for novel processing and analytics techniques for vast amounts of data coming from wide variety of data sources and at different velocity. The solutions namely Hadoop, Map Reduce and NoSQL databases evolved with the aim to provide scalable batch processing and distributed storage of Big Data. However in the recent times, Real Time Analytics over Big Data is emerging as a key factor for success in many scientific and commercial domains including power, transportation, security, ecommerce and emergency response. Real Time Analytics techniques support stream processing and fast analysis for deriving actionable intelligence in timely manner. The objective of this workshop is to understand the requirements, existing solutions, emerging techniques, potential applications and challenges in Real Time Analytics.

## TOPICS INCLUDED

- Real Time Analytics Challenges and Opportunities
- Real Time Data Collection and Processing Techniques
- Real Time Data Storage
- Real Time Analytics Techniques
- Real Time Analytics Case Studies
- Convergence of IoT, Big Data and Cloud

## HANDSON:

Spark Streaming, Spark SQL, Kafka and InfluxDB

## TARGET AUDIENCE

Developers, Data Analysts, Solution Architects, Researchers and Students

## PREREQUISITES:

Basic knowledge in Java programming and databases is required for doing practical exercises.

## REGISTRATION DETAILS

Registration starts from 11 September, 2017

Registration closes by 20 October, 2017

## REGISTRATION FEES:

Industry	₹ 8000
Government/Faculty	₹ 6000
Students	₹ 3000

\*Big Data Software Suite by C-DAC Bangalore given free

## MODE OF PAYMENT:

Registration fee should be sent through **DD in favor of “C-DAC Bengaluru”**, payable at Bengaluru along with the completely filled online registration form available at:

<https://goo.gl/forms/zL460xzcOVS2NuIA2>

## OR

Through **RTGS/NEFT**

DD should reach the following address on or before: **20 October, 2017.**

## WORKSHOP VENUE:

**C-DAC Knowledge Park,**  
No.1, Old Madras Road,  
Byappanahalli,  
Bengaluru - 560038,  
Karnataka, India.

## TRANSPORTATION AND ACCOMMODATION:

Participants are required to make their own arrangements for transportation and accommodation.

## WORKSHOP COORDINATOR:

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