

## Workshop on "Big Data Applications Development on HPC platforms" (BigDADH - 2017)

Date: December 14-15, 2017

Venue: C-DAC Knowledge Park, Bengaluru-560038



### Objective:

The objective of the workshop is to train scientific user community leverage Big Data technologies on high performance computing (HPC) platforms. The Two-day program enables the researchers and scientists to get the insight & understanding of usage of big data technologies such as Apache Hadoop, Spark, Pig, Hive, R-Statistical tool etc. on HPC platform. The workshop will be conducted using C-DAC's Big Data Software Suite (C-BDSS). C-BDSS is a platform of open source tools that provides you the processing and analysis capabilities to run Big Data applications in varied domains. C-BDSS integrates big data tools and technologies that allow you to address the spectrum of big data challenges with ease and comfort.

### Topics to be covered:

- Data Management using HDFS
- Map Reduce jobs using HPC scheduler
- Apache Hive and Pig to leverage data manipulation
- Working with Apache Spark
- Understanding MLIB - Spark's Machine learning library
- Use of R-statistical analysis package for data science
- Setting up Big data analytics cluster on HPC environment using C-BDSS

### Target Audience:

Scientists/Researchers working on High Performance Computing and big data applications, System administrators managing HPC resources

### Prerequisite:

Participant should have working knowledge on Linux Platform. Knowledge of Java & Python would be an added advantage

### Registration Details:

- Online Registration - open from November 10, 2017
- Registration will be on the first come first serve basis
- Register your seat at the earliest as the seats are limited
- Registration closes by December 10, 2017

### Registration Fees:

R&D Labs / PSUs / Academia	₹ 5000
Full time Research scholars and M.Tech Students	₹ 3000

Please register for the workshop on the following link:  
<https://goo.gl/iezgQC>

Details of mode of payment are available on the registration page for the workshop.

**DD** should reach on or before **December 12, 2017** to the following address:

**Mr. Mohit Ved**  
Principal Technical Officer,  
**Event Coordinator,**  
Big Data workshop,  
C-DAC Knowledge Park,  
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**For enquiry and clarification, please contact:**

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