

# Progress report

## Center of Excellence in Big Data Engineering

### April 2017

#### **Abstract**

The idea of Co-creation of Center of Excellence in Big Data Engineering was initiated between IIIT Bangalore and City University, United Kingdom. The set of activities as a part of the initiative are co-creation of academic curricula in Big Data Engineering, conduct a workshop for tier 2, tier 3 institutions in India and involve representatives from City College in the workshop, create a course curriculum and teach in respective institutions and support specific research projects in Big Data. The progress is presented in this report. The set of tasks to be performed is also listed below.

## **1 Progress**

1. Conducted a workshop BDE 2017 - Workshop on Big Data Engineering: Research, Education and Innovation on 18th and 19th April 2017 at IIIT Bangalore
2. 13 external participants and 12 students from IIIT B attended the workshop.
3. Participants were faculty from engineering colleges in the vicinity and industry professionals.
4. There were 12 Industry and Faculty talks/tutorials on various topics around Big Data.
5. Experts from Siemens and Earth2Orbit presented their work on Big Data.
6. Prof. Muttukrishnan Rajarajan, Professor, City University London gave the keynote address in the workshop.
7. The participants were happy with the talks and their feedback indicated their keen interest in taking a course of Big Data Engineering whenever it is offered.

## **2 Tasks to be performed**

1. Create a course called Big Data Engineering in any web platform like VideoKen or Gooru.
2. Include the slides and add content to make it a full fledged course.
3. Provide tutorial talks to use and install tools like Hadoop, Neo4J.
4. Based on the feedback received for the online course, create a course curriculum in IIIT Bangalore and City University.