



THE UNITED REPUBLIC OF TANZANIA
INSTITUTE OF ACCOUNTANCY ARUSHA



SHORT COURSE ANNOUNCEMENT
ON
BIG DATA AND CLOUD COMPUTING

(22 – 26 October, 2018 - IAA Arusha Campus, Arusha)

1.0 Introduction and Course Objective

A tremendous amount of data is now being generated through websites, mobile phone applications, credit cards, and many more everyday tools we use often. The course intend to impart skills of how to handle these massive volumes of data using the appropriate technologies which are cost effective with higher operating performance. Through lab sessions the participants will be exposed to the knowledge on cloud technologies, big data structures, data management through JSON queries and connection between web browsers and Mongo DB (big data technology).

2.0 Course Contents

This course will cover the following areas:

- a) Introduction and Sources of Big Data
- b) Characteristics of Big Data - The Four V's
- c) Mongo DB-JSON Queries and Application
- d) Web Applications connection with Mongo DB
- e) Big Data platform comparison with Relational database platforms
- f) Cloud computing and Big Data

3.0 Methodology

The course will be conducted through Lab Sessions (90%), Lectures and discussions. Participants will be offered an opportunity to design a bid data application and they will also receive certificates on completion of the course.

4.0 Target Group

This course is intended for IT managers, Data/Information management officers, system administrators, programmers and all IT related personells.

5.0 Fees & Mode of Payment

The fee for the course is **TZS 900,000/=** (Nine Hundred Thousand only) per participant to cover for tuition fee, training materials, tea/coffee. Participants will have to arrange for their own transport, accommodation and upkeep while attending the course in Arusha. Payment may be in cash, cheques or TISS paid directly to our **Bank Account No. 014103007130** in the name of **Institute of Accountancy Arusha, NBC, Arusha Branch**. **Early registration is highly encouraged and appreciated.**

6.0 Date, Duration and Venue:

This course will be conducted from **22 – 26 October, 2018 (5 days)** at the Institute of Accountancy Arusha, located at Njiro Hill-Arusha.

7.0 Contact Persons

For more details please don't hesitate to contact any of the following:

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APPLY TO:

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