# Workshop on
## "Cognitive Analytics using IBM Watson"

*Jointly Organized by*

## Integrated Intelligent Research (IIR)

## Computational Intelligence Research Foundation(CIRF)

24$^{th}$ January 2018 : 9.00 AM – 4.30 PM

<u>Venue</u>: ISTE Professional Centre, Room No. 15, Smart Room, Anna University Campus, Kotturpuram, Chennai, 600 085.

## About the Workshop

This workshop helps the participants to understand the concept of Cognitive Computing and have hands on experience to work on IBM Watson Tools.The goal of cognitive computing is to simulate human thought processes in a computerized model. Using self-learning algorithms that use data mining, pattern recognition and natural language processing and the computer can mimic the way the human brain works.

While computers have been faster at calculations and processing than humans for decades, they haven't been able to accomplish tasks that humans take for granted as simple, like understanding natural language, or recognizing unique objects in an image.

These cognitive systems, most notably IBM's Watson, rely on deep learning algorithms and neural networks to process information by comparing it to a teaching set of data. The more data the system is exposed to, the more it learns, and the more accurate it becomes over time, and the neural network is a complex "tree" of decisions that the computer can make to arrive at an answer.

## Who Can Participate?
- Researchers / Students
- Faculty Members
- Industrial Professionals
- Research unit/ Center Coordinators
- Senior Faculty Members/ Coordinators
- Whoever adoring with research

## Resource Person

**Dr. D. Doreen Robin**
Director,
Computational Intelligence Research
Foundation (CIRF),
Chennai - 600023.

## Registration
- Online registration is mandatory for all the participants.
- Maximum 50 participants only. (In Class room 30 or Online 20 participants) Admission based on first come first serve basis. It is recommended that minimum 3 persons from each institution should participate in the workshop.
- Registration fee includes entry to the workshop, lunch, refreshment, workshop kit and participation certificate.
- Seat reservations will be closed 3 days prior to the date of workshop in that city.
- Spot Registration is NOT available.
- The arrangement for Travel and Accommodation should be made by the participants on their own.
- The registration Fee is non-refundable. Fee once paid shall not be refunded.

**Registration Fee :**

        Faculty Members        : ₹ 1500 / -

        Research Scholar / Student : ₹ 1000 /-

**Registration Process**
- ☞ Visit the link, http://iirgroups.org/index.php/workshops
- ☞ Pay the registration fee to our bank account by NEFT / RTGS or Online Transfer.
- ☞ Make the payment to generated Transaction ID * for registrations.
- ☞ Once the payment is confirmed, we will send your reservation confirmation E-mail / Phone Call.

## Program Schedule

**09.30 am - 10.00 am**   **Registration**

**10.00 am - 11.15 am**   **Technical Session - I**
- ✸ Introduction to Cognitive Analytics
- ✸ Cognitive Analytics – Why?
- ✸ Use Cases with Cognitive Analytics

**11.15 am - 11.30 am**   **Break**

**11.30 am - 01.00 pm**   **Technical Session - II**
- ✸ Cognitive Analytics with IBM
- ✸ IBM Watson Services
- ✸ Setting up of IBM Blue Mix

**01.00 pm - 02.00 pm**   **Lunch**

**02.00 pm - 03.15 pm**   **Technical Session - III**
- ✸ Setting up Discovery Services in IBM Watson
- ✸ Working on the IBM Watson Discovery Services – In Built

**03.15 pm - 04.15 pm**   **Technical Session - IV**
- ✸ Creation of User defined Data Set
- ✸ Uploading the Data Set to IBM Blue Mix
- ✸ Executing the IBM Watson Discovery Services – User Defined

**04.15 pm - 04.30 pm**   **Networking and Distribution of Certificates**

### Contact Us

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### Online Account Details

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Bank Name    : IDBI Bank
Branch Name  : Chennai-Greams Road
IFSCode      : IBKL0000005
MICR Code   : 600259002