

## ABOUT THE WORKSHOP

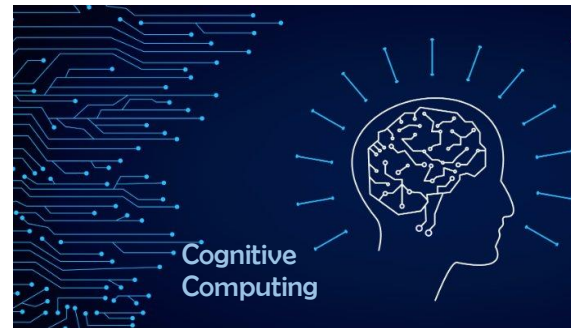
While computers have been faster than humans for decades, they haven't been able to understand natural language, or recognize unique objects in an image. Cognitive computing technology (CCT) stimulates human thought processes in a computerized model so as to perform tasks that only humans used to be able to do. The computer can mimic the way the human brain works by using cognitive technologies which include computer vision, machine learning, natural language processing, speech recognition, and robotics. This workshop intends to provide the insight of Cognitive computing with the goal of developing more accurate models of how the human brain/mind senses, reasons, and responds to stimulus based on computing platforms and algorithms.

## TOPICS TO BE COVERED

- Brain Computer Interface
- Big Data and cognition
- Human Cognition for emotion and behavior
- Deep Learning for Cognition
- Visual Perception in Cognitive processes
- Cognitive Linguistics
- Hands-on session on EEG based Emotion modeling (EEGLAB, MATLAB)
- Demo on 'Cognitive Computing Techniques' using Knowledge studio and Watson services

## SPEAKERS FOR THE WORKSHOP

Experts from IIT ,Anna University, IBM and other reputed Institutions.



## ADDRESS FOR COMMUNICATION

**Dr. S.Chitrakala,**  
Co-ordinator, CCTA 17',  
Dept. of CSE,  
CEG Campus, Guindy,  
Anna University, Chennai-25  
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## TWO DAY WORKSHOP ON “ COGNITIVE COMPUTING TECHNOLOGIES AND APPLICATIONS ” (CCTA 17’)

**6<sup>th</sup> and 7<sup>th</sup> October, 2017**

**Mentor**  
**Dr. D.MANJULA**  
Professor & Head

**Co-ordinator**  
**Dr. S. CHITRAKALA**  
Associate Professor

**Organized By**



*Department of Computer Science and  
Engineering,  
College of Engineering Guindy,  
Anna University,  
Chennai – 600025.*

## ABOUT THE UNIVERSITY

Anna University was established on 4<sup>th</sup> September 1978 as a unitary type of University. It offers higher education in Engineering, Technology and allied Sciences relevant to the current and projected needs of the society. Besides promoting research and disseminating knowledge gained there from, it fosters cooperation between the academic and industrial communities.

## ABOUT COLLEGE OF ENGINEERING AND DCSE GUINDY (CEG)

CEG is India's oldest engineering and technical institution established in 1794. As a part of Anna University, it has link-ups with institutions and organizations like USAID, UNCHS, Ford Foundation, European Economic Community. It was the first college in the country to have its own postage stamp to mark the 200th anniversary of the institution. The Department of Computer Science and Engineering (DCSE), was established in September 1987. The Department imparts world class training and research with state of the art computing facilities to the students. It also promotes active industry-institute collaboration by identifying areas of interest and taking part in sponsored research projects and consultancy services. Dr.D.Manjula is currently the Head of the Department.

## CHIEF PATRON

**Dr.T.V.GEETHA**  
Dean, CEGC,  
Member of Convener Committee

## PATRON

**Dr.S.GANESAN,**  
Registrar, Anna University.  
Chennai - 600025

## CHAIR

**Dr.D.MANJULA**  
HOD, Dept. of CSE, CEGC.

## CO-ORDINATOR

**Dr.S.CHITRAKALA,**  
Associate professor,  
Dept. of CSE, CEGC.

## VENUE

**Turing hall,**  
**Department of CSE,**  
**College of Engineering Guindy,**  
**Anna University,**  
**Chennai-600 025.**

## PROGRAMME FEE

**Industry Delegates** : Rs. 2000/-

**Academicians/ Research Scholars /PG Students** : Rs. 1500/-

## REGISTRATION

- "First Come First Serve" basis.
- No TA/DA will be provided.
- **Fill up the Registration form through Online in the link given below:**  
<https://goo.gl/pZbnCJ>
- DD must be taken in favour of "Organized Programmes, Anna University " payable at Chennai.
- Send the copy of filled in registration form along with DD through Post.

## IMPORTANT DATES

**Last date of Online registration with DD details** : **22.09.2017**  
: **20.09.2017**

**Receipt of application with DD through post** : **25.09.2017**

**Intimation of selection** : **26.09.2017**

**Confirmation by participants** : **27.09.2017**