

## **ABOUT THE UNIVERSITY**

Anna University was established in the year 1978, and acts as a frontier in providing higher education in various Engineering, Technology and Advanced scientific disciplines. The University aims at achieving high quality research on current areas of research. Since 2001, the University has taken another major responsibility of Managing and improving the quality of engineering education in the private, government and government-aided engineering colleges all over Tamilnadu. In this regard the University is taking Initiatives to impart technical knowledge in latest subjects and topics among the staff members of the affiliated institutions. UGC have accredited the University with a five star status in the year 2002. After the merger policy of 2011, Anna University constitutes 4 Regional Campuses, 12 Constituent Colleges and University Departments.

## **ABOUT THE DEPARTMENT**

Anna University is a leading technical university in India located at Chennai, Tamil Nadu. **Department of Information Science and Technology (IST)** is carved out of the Department of Computer Science and Engineering in May 2010. The Department functions under the Faculty of Information and Communication Engineering. **Dr. Saswati Mukherjee** is currently the Head of the Department. IST functions as one of the University Departments having academic autonomy of having its own syllabus and curriculum. It offers undergraduate, postgraduate and research programmers in various disciplines of Information Technology, Multimedia Technology and Master of Computer Application Degree Programme. In addition, the Department conducts **CISCO Certified CCNA** Programme for Engineering Graduates. Anna University is one of the Regional Academy which offer CCNA Exploration & Discovery Training programme for the Local Academies Instructors and students.

**PRE-CONFERENCE ICIIT-2018**

**ONE DAY WORKSHOP CUM HANDS-ON  
SESSION**

**“PYTHON FOR DATA SCIENCE”**

**27<sup>th</sup> October 2018**

*Coordinators*

**Dr. S. Bama**

**Mr. H. Riasudheen**

*Mentor*

**Dr. Saswati Mukherjee**



Organized by

**DEPARTMENT OF INFORMATION SCIENCE  
AND TECHNOLOGY**

**CEG CAMPUS, ANNA UNIVERSITY**

**CHENNAI- 600025**

## ABOUT THE WORKSHOP

Data Science is an inter disciplinary field that uses mathematical, algorithmic & distributed systems techniques to extract useful knowledge and insights from massive quantities of data. Such complex analysis can help search through knowledge graphs, manage traffic using video analytics, or improve our understanding of the human brain. Scalability is a key facet of data science. This workshop will provide the ground work for programming the mathematical models of data science using python.

1. Python basics - variables, lists, loops, tuples, functions and string manipulation.
2. Mathematical operation on matrices and plotting the curve.
3. Theoretical background of a prevalent algorithm in data science and programming it with python.

## TOPICS COVERED

- Introduction to Python and Data Science.
- Simple programs with CSV import matrix manipulation.
- Implementing algorithms with data science.
- Perceptron, Delta learning Rule etc...

*Note: All sessions are hands-on with parallel presentations by the experts.*

## IMPORTANT DATES

Submission of application on or before: **21/10/2018**

Acceptance & Notification: **22/10/2018 (only by mail)**

Participant registration (DD/Online) and confirmation by:  
**24/10/2018**

## REGISTRATION

Registration fee for students (UG/PG): **Rs 1000/-**

Registration fee for Academicians: **Rs 1200/-**

Registration fee for Industrial Delegates: **Rs 1500/-**

*\* Registration fee includes workshop kit, refreshments and lunch.*

Online Registration: <https://goo.gl/forms/raIv7bO2ee1j5pyw1>

- ✓ Registration amount can be a Demand Draft (DD) drawn in favor of “IST EVENTS” payable at Chennai.
- ✓ Registration through online transfer:

**Account Number (current): 37149776718**

**Branch: SBI Anna University, Chennai**

**IFSC code: SBIN0006463**

## Mailing address

for any queries please contact..

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