

Registration Form

Name of Applicant (first, last):.....
.....
Fathers Name:.....
.....
Mothers Name:.....
Date of Birth (DD/MM/YY):.....
Gender:.....
Category(General/SC/ST):.....
Designation:.....
Highest Qualification:.....
Name and Address of the Institute/ Organization:.....
.....
City/town:.....
Postal Address:.....
City/town:.....
Email:.....
Landline Number (with STD code):.....
Mobile Number:.....
Do you need accommodation? (Yes/No):.....
Transaction ID:.....
Transaction Date:

Affix passport
size
photograph

Issuing Bank.....
Signature of the Applicant:

Note:

- 1) The Faculty/Staff are requested to submit the NOC from respective department before attending the session.
- 2) The Faculty member belonging to SC/ST Category need to carry caste Certificate(both in original & photocopy).
- 3) The participant need to carry the Institute/Organization valid Identity Card (Both in Original & Photocopy).
- 4) **Accommodation will be provided at the venue free of cost (including breakfast and dinner).** For participants who want to avail better accommodation facility please contact: Dr. L.Rajesh, Email: prof.lrajesh@gmail.com
Mobile : 91-9894112100 / 91-9445112100

Course Coordinators from Academy

- **Prof. Ratnajit Bhattacharjee**
Principal Investigator, E&ICT Academy, IIT Guwahati.
- **Dr. Gaurav Trivedi**
Co-Principal Investigator, E&ICT Academy, IIT Guwahati.

Coordinators from Sri Sankara College

- **Dr. L. Rajesh**
*Assistant Professor, Department of Computer Science,
Sri Sankara Arts & Science College, Kanchipuram*
Email : prof.lrajesh@gmail.com
Mobile : 91-9894112100 / 91-9445112100

How to Reach Sri Sankara College

Nearest Airport:

Chennai International Airport (MAA) : 65 km

By Road:

Sri Sankara Arts & Science College, Enathur, Kanchipuram is located at a distance of about 65 km from Chennai CMBT, 27 km from Arakkonam and 5 km from Kanchipuram.

Nearest Railway Station:

Chennai Central (MAS) : 70 km
Chengalpattu (CGL) : 40 km
Arakkonam (AJJ) : 27 km
Kanchipuram (CJJ) : 5 km

Registration Fee Including GST

Registration Fee (Including Snacks and Lunch)

- Rs. 2,950/- for Faculty, Lab Technicians and Project Staff.
- Rs. 1,475/- for Faculty members belonging to ST/SC category.
- Rs. 5,900/- for Industry Personnel, Student & Research scholar (Subjected to Availability of Seat).

Programme Duration
40 Hrs



सत्यमेव जयते

An Initiative of
Ministry of Electronics & Information Technology
(MeitY), Government of India



Electronics & ICT Academy
IIT Guwahati, Assam



One-week Faculty Development Programme on

Data Science using Python Programming
(28 Jan-01 Feb, 2019)



Organized with support from



Sri Sankara Arts & Science College



Course Date: 28 Jan - 01 Feb, 2019
Last Date of Registration: 23.01.2019

(Online Registration Link will be open from 08.11.2018)
**Venue: Sri Sankara Arts & Science College (Autonomous),
Kanchipuram, Tamil Nadu**

Objective of the Course

Python is a general-purpose programming language that's powerful, easy to learn and fast to code. It has a mature and growing ecosystem of open-source tools for mathematics and data analysis. This course will take you from the basics of Python to exploring many different types of data. You will learn how to prepare data for analysis, perform simple statistical analyses, create meaningful data visualizations, predict future trends from data, and more!

Course Programme

FDP is split into three parts:

- Lectures.
- Labs/Hands-on sessions daily on Parallel Programming.
- Assignments and Project.

Assignments & Project

1. Assignments will be of the following type:
 - MCQ based questionnaire.
 - Programming Assignments (Problem statement will be provided.)
2. At the end of the course "Project" will be assigned to the participants based on the Practical Case Studies.

Contact Details

Project Manager,

E&ICT Academy, IIT Guwahati

Email: eictacad@iitg.ernet.in, eictacad@gmail.com

eictinfo.iitg@gmail.com

Phone No: +91- 7086502139,

+91-3612583009/3182/2536/2503

(Working Hours 9:30 am to 5:30 pm)

Follow us on: www.facebook.com/eictacadguwahati/



For Online Transfer

Bank Name: State Bank of India

Account Name: IIT Guwahati R and D E and ICT

Academy

Account No.: 36071160089

IFSC Code: SBIN0014262

Bank Name: State Bank of India

Bank Address: IIT Guwahati, GHY- 39.

Course Outcome

The participants will be given a thorough understanding of the following topics:

- Data Science Overview
- Data Analytics Overview
- Statistical Analysis and Business Applications
- Python: Environment Setup and Essentials
- Mathematical Computing with Python (NumPy)
- Scientific computing with Python (Scipy)
- Data Manipulation with Python (Pandas)
- Machine Learning with Python (Scikit-Learn)
- Natural Language Processing with Scikit-Learn
- Data Visualization in Python using Matplotlib
- Data Science with Python Web Scraping
- Python integration with Hadoop, MapReduce and Spark

Pre-requisites for the Course

The preferred Pre-Requisites for the course are:

- Basics of Python
- Basics of Data Analytics

Who Can Attend?

- Faculties, Research scholars and Students looking to expand their knowledge in the area of statistical data analysis, Big Data Analysis, and Graphical analysis.
- This can also be fruitful for management streams, social sciences & non-engineering streams.

How to Apply?

Online – The participants may log on to the E&ICT Academy, IIT Guwahati website: <http://eictacad@iitg.ernet.in> and fill up the google doc application form.

Through Email – Scanned copy of the filled in application form duly endorsed by the, forwarding authority is to be mailed at E&ICT Academy's email id (eictacad@gmail.com, eictacad@iitg.ac.in). Application format given in this brochure may also be downloaded from the website.

About E&ICT Academy

Electronics and ICT Academy is an initiative of Ministry of Electronics & Information Technology (MeitY) Ministry of Communications and IT, Govt. of India for Faculty/ Research Scholar Development Programme.

Academy has planned short term training programmes on fundamental and advanced topics in IT, Electronics & Communication, Product Design, Manufacturing with hands on training and project work using latest software tools and systems.

In addition, the Academy will conduct specialized/customized training programmes and research promotion workshops for corporate sector & educational institutions.

About Sri Sankara College

Sri Sankara Arts & Science College (Autonomous), Kanchipuram, Tamil Nadu, India had its genesis in the year 1991 under the aegis of Their Holiness of Sri Kanchi Kamakoti Peetam with a mission to revive the glory of ancient school of Gadigasthana. This Sanctimonious Institution offers wide stream of courses at Under Graduate and Post Graduate level in Computer Science, Commerce, Business Administration, Life Sciences, Basic Sciences and Arts. The College has elevated into a Research Institution offering courses leading to M.Phil Degree in various branches and Ph.D., Programmes in Bio-Technology, Microbiology, Commerce, English and Computer Science.

Venue

**Sri Sankara Arts & Science College,
Enathur, Kanchipuram, TamilNadu
Mobile : 09894112100 / 09445112100**

**Mode of Payment: Online Only
(RTGS/NEFT)**

For details of the programme and course contents etc., please log on to Electronics and ICT Academy website:

<http://eict.iitg.ernet.in/>