

## OBJECTIVE

Python is a popular, general-purpose, multi-paradigm, open-source, scripting language. It is designed to emphasize code readability and has a clean syntax with high level data types. It is well-suited for interactive work and quick prototyping, yet it is powerful enough for writing large applications. Python has a large number of available and well-written modules for everything from abstract syntax trees to ZIP file manipulation and Data Analytics.

The purpose of this workshop is to enhance the knowledge of students and faculty in the field of Data Analytics. This workshop will help the students and faculty to learn Python in industry perspective and make them to do real world web applications and Data Analytics.

## PROGRAMME CONTENTS

- Introduction
- Data Structures- Strings, Tuples, List, Sets and Dictionary
- Functions
- Python Libraries
- Files and Exception Handling
- Object Oriented Programming
- Database Programming- CRUD Operations
- Data Loading and Storage
- Data Analysis Algorithms
- Plotting
- Visualization

## FACULTY

Sessions will be handled by Expert faculty members of Kongu Engineering College.

## BOARDING AND LODGING

Accommodation and boarding if required will be provided in the college campus on chargeable basis.

## COURSE FEE AND REGISTRATION

Details	Amount**
Registration Fee (Including Service tax)	Rs.590/-

\*\* The registration fee includes course material, lunch and refreshment. Demand Draft for the registration fee must be drawn in favour of "IIP Cell Grant in Aid Account" payable at Perundurai.

## HOW TO APPLY

The applicants should send their applications in the specified format through their Principal / Sponsors to reach us on or before 17.02.2018. If selected they should confirm their participation in time. For registration

<https://docs.google.com/forms/d/e/1FAIpQLScuwC-EPZ4n08u6-1CcfkKgL0114hA26PRPJmEI0hwFMlr0wmQ/viewform>

## SCHEDULED DATES

Last date for receipt of Applications : 17.02.2018  
Intimation of Selection : 19.02.2018  
Confirmation by participants : 22.02.2018

**KONGU ENGINEERING COLLEGE**  
(Autonomous)  
PERUNDURAI, ERODE 638060 TAMILNADU

**Workshop**  
**On**  
**Data Analytics using Python**

**23.02.2018**

## APPLICATION FORM

Name : \_\_\_\_\_  
Designation : \_\_\_\_\_  
Organization : \_\_\_\_\_  
  
Sex : \_\_\_\_\_  
Age : \_\_\_\_\_  
Educational Qualification: \_\_\_\_\_  
Address for  
Communication (with  
telephone no.  
& E-mail ID) : \_\_\_\_\_  
Experience : \_\_\_\_\_  
Teaching : \_\_\_\_\_years  
Others (Specify) : \_\_\_\_\_years  
DD Details : \_\_\_\_\_  
DD. No. : \_\_\_\_\_  
Date : \_\_\_\_\_  
Bank Name : \_\_\_\_\_  
Need Accommodation: YES/NO

## DECLARATION

The above information is true to the best of my knowledge. I agree to abide by the rules and regulations governing the course. If selected, I shall attend the programme for the entire duration.

Place:

Date: Signature of the Applicant

## SPONSORSHIP CERTIFICATE

Mr/Ms/Dr \_\_\_\_\_

\_\_\_\_\_ is an employee of our Institute / Organization and is hereby sponsored. He/She will be permitted to attend the programme in full, if selected.

Place: Signature of the Sponsoring

Date: Authority  
Office Seal

Application form completed in all respects is to be sent to:

### Dr.N.Krishnamoorthy

Assistant Professor (Senior Grade),  
Department of CSE,

Kongu Engineering  
College Perundurai, Erode-  
638 060, Tamilnadu

Mobile: 9486904557

E mail id:

[nmoorthy@kongu.ac.in](mailto:nmoorthy@kongu.ac.in)  
[krishnamoorthy@gmail.com](mailto:krishnamoorthy@gmail.com)

## ABOUT THE COLLEGE

Kongu Engineering College (KEC) was established in the year 1984. Approved by AICTE, New Delhi and affiliated to Anna University, Chennai the institution has been accorded autonomous status from year 2007. The institution has completed 33 years of dedicated and excellent service in the field of technical education. It offers 14 UG programmes, 19 PG programmes and 16 Research programmes in Engineering, Applied Sciences and Management. It is one among the best self-financing Engineering colleges imparting high quality technical education in India. The college is well known for its technical excellence, modern facilities, record of performance with excellent results and enterprising students. The college has got NBA accreditation for UG programmes, Best Engineering College award and Best Principal award. The Institution has an active Industry- Institute Partnership Cell to interact with industries. The institution has established a Technology Business Incubator (TBI) supported by Department of Science and Technology, Government of India in its campus. TBI @ KEC has won the Best TBI National Award, presented by President of India.

## ABOUT THE DEPARTMENT

Department of Computer Science and Engineering offers B.E. degree programme in CSE and M.E (CSE) degree programme. The faculty of the department has vast experience in academia and industry. Besides teaching, the department is actively involved in industrial consultancy, and conducting training programmes for students and practicing engineers.

## ABOUT THE LOCATION

The college is situated at Perundurai on the National Highway (NH 47) about 80 km from Coimbatore and 17 km from Erode. It is well connected by air, road and rail.



**TECHNICAL  
ANNOUNCEMENT  
BROCHURE**



## Workshop On Data Analytics using Python

23.02.2018

### Coordinators

**Dr. R.R.Rajalaxmi Professor/CSE**

**Dr.P.Natesan ASP/CSE**

**Dr. N.Krishnamoorthy, AP(Sr.G)/CSE**

**School of Communication and Computer Sciences  
Department of Computer Science and  
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&  
Industry Institute Partnership Cell  
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