



Dr. Rafiq Zakaria Campus-I  
Maulana Azad College of Arts,  
Science & Commerce  
Aurangabad

## **TWO DAY NATIONAL LEVEL WORKSHOP ON PYTHON PROGRAMMING**

**Organized by**

**Department of Management Science &  
Computer Studies (BCA / BCS)**

**Maulana Azad college of Arts,  
Science and Commerce,  
Aurangabad**

**in collaboration with 'ROBOSOL'- For a  
Cause in association with "AAKAAR IIT  
Bombay".**



**On 17<sup>th</sup> and 18<sup>th</sup> February, 2020**

### **Venue:**

Seminar Hall, Maulana Azad College of Arts,  
Science and commerce,  
Dr. Rafiq Zakaria Campus-I, Rauza Bagh,  
Aurangabad

## **ABOUT COLLEGE**

Maulana Azad College of Arts, Science & Commerce is situated on the sprawling Maulana Azad Education Society's campus in Aurangabad. Founded by The Late Dr Rafiq Zakaria, the College having a status of 2(f) & 12(b) from University Grants Commission, New Delhi since its establishment, the College is affiliated to Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. The College is Accredited by the NAAC Grade "A" (2004 & 2015), an ISO 9001:2008 Certified, Institute.

## **ABOUT ROBOSOL**

'ROBOSOL' is one of the leading services providers in the field of Practical Educational Training, Web & IT Services, Corporate Training, and Electronics Projects on emerging technologies. It delivers interactive training & workshops which equip its participants with better practical understanding

## **ABOUT THE WORKSHOP**

**Python** is a widely used high-level, general-purpose, interpreted, dynamic programming language. Its design philosophy emphasizes code readability, and its syntax allows programmers to express concepts in fewer lines

of code than possible in languages such as C++ or Java. The language provides construct intended to enable clear programs on both a small and large scale.

Python supports multiple programming paradigms, including object-oriented, imperative and functional programming or procedural styles. It features a dynamic type system and automatic memory management and has a large and comprehensive standard library.

The Workshop will cover the following

### **Session 1**

- Introduction to python (Using PowerPoint Slides)
- Writing Simple Programs

### **Session 2**

Discuss How Python Program runs

- Types and Operations in python
- Numbers
- Strings
- Lists and Tuples
- Dictionaries
- Files
- Statements and Syntax
- Assignments, Expressions and Print Statements
- Conditional constructs
- Iterative Constructs

### Session 3

- Introduction to Functions and Lambda Forms
- Functions and Arguments and Scope
- List Comprehensions
- Generators

### Session 4

- Understanding Modules in Python
- Module Packages
- Package imports

### Workshop Benefits & Highlights:

- Learn & Interact with Python Developer get to know basics of python programming.
- Receive an unparalleled education on the art of python personal one – on – one attention.
- PowerPoint Presentation, Live Demos, Interactive Questions & Answer session & comprehensive material.

### Certification:

Students will be certified jointly from **Robosol** For Participating in the Workshop in association with **AAKAAR IIT** Bombay and **Maulana Azad College, Aurangabad.**

### Registration fees:

**Rs 500** per Participant  
The fee includes lunch, kit hands on training and certificate.

### CHIEF PATRON

**Mrs. Fatma Rafiq Zakaria**  
**Padmashree in Education**  
**Honorable President, Maulana Azad**  
**Education Society, Aurangabad.**

### ORGANISING COMMITTEE

#### Convener

Dr. Mazahar Ahmed Farooqui  
Principal  
Maulana Azad College of Arts, Science and  
Commerce, Aurangabad.

#### Co- Conveners

Dr. A. R. Khan  
H.O.D  
Department of Management Science and  
Computer Studies (BCA & BCS)

Mr. Prashant Lad  
**Robosol, AAKAAR IIT, Bombay**

#### Organizing Secretary

Mrs. Naziya Pathan

Department of Management Science &  
Computer Studies (BCA & BCS)

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Mr. Khan Mohtasib  
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