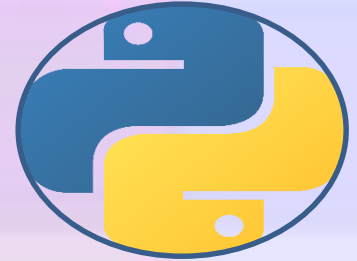


TWO-DAYS

NATIONAL LEVEL WORKSHOP ON



PYTHON

GUI DEVELOPMENT

Python GUI Development

Why Python

- Python fast and easy it is to use. Python cuts development time in half with its simple to read syntax and easy compilation feature. Debugging your programs is a breeze in Python with its built in debugger.
- Python is continued to be a favorites option for data scientists who use it for building and using Machine learning applications and other scientific computations
- Python is free to use, even for the commercial products, because of its OSI-approved open source license.

Python workshop Highlights:

- Exposure to Python Programming Language
- Exposure to Graphic User Interface Development
- Interactive lecture sessions
- Demonstration of the Different Python tools
- Group discussions to encourage innovation
- Good multimedia content to help students grasp the material easily
- Career guidance by experienced faculty
- **Free** Python development kit to each participant
- Workshop **participation certificate** by AppsFluxus-2016 with association Cognizance IIT-Roorkee

Workshop Certification

- Certificate of Participation from AppsFluxus-2016 Cognizance IIT-Roorkee.
- Certificate of merit from AppsFluxus-2016 Cognizance IIT-Roorkee.
- Certificate of Coordination from AppsFluxus-2016 Cognizance IIT-Roorkee.
- College will get Center of Excellence form AppsFluxus-2016 Cognizance IIT-Roorkee.

2-Days python Course Contents

Day 1 (1st Section)

Introduction

Introductory Remarks about Python
Strengths of Python
A Brief History of Python
Python Versions
Installing Python
Environment Variables
IDLE
Editing Python Files
Dynamic Types
Python Reserved Words

Day 2(1st Section)

Introduction of Class

Classes in Python
Principles of Object Orientation
Creating Classes
Instance Methods
File Organization
Keyword and Optional Parameters
Passing Collections to a Function
Variable Number of Arguments
Functions - "First Class Citizens"
Passing Functions to a Function
Mapping Functions in a Dictionary

Day1 (2nd Section)

Basic Python

Introduction of Basic Syntax in Python
String Values & Operations
Numeric Data Types
Simple Input and Output
The print Function
Program Control Flow and Syntax
How to use if Statement in Python
Relational Operators
Logical Operators
Defining Your Own Functions
Parameters
Function Documentation
Keyword and Optional Parameters
Passing Collections to a Function
Variable Number of Arguments

Day 2 (2nd Section)

Regular Expressions

Simple Character Matches
Special Characters
Character Classes
Quantifiers
The Dot Character
Greedy Matches
Grouping
Matching at Beginning or End
Match Objects
Substituting
Splitting a String
Compiling Regular Expressions

What are the other requirement for this workshop?

- Seminar hall/classroom having the enough capacity to conduct hands-on-session for all participants.
- Good Quality public address system ideally two cordless mikes will be required.
- Projector/ Screen along with black/white board for teaching and presentation purposes.
- One small stereo jack cord to in laptop for its sound system.
- This workshop can only be arranged for a minimum of 60 Participants
- 2-Days accommodation to our resource team.

Training Duration: 2-Days (7-8 hours each day)

Training Fee: Rs.1050/ per participant only (The fee includes training, certification, and Event registration and a free python Kit to each participants)

Thank you

We ensure that you will find our 2 days' workshop on python GUI development extremely beneficial for your students. If you have any queries kindly get back to us. We are looking forward to a quick and positive response from you and a long term association with your esteemed organization.

For any Further details please contact us:

Thanks & Regards,

Mohd. Nafish

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