

Online & Class Room Training  
Instructor-led Classes  
Small Batches for 1-1 Care  
Project from scratch  
Job referrals  
Course completion certificate  
Lab in daily class  
Real-Time 16 yrs Trainer

## CONTACT US

:#204  
Nandini Residency,  
Opp to JNTU,  
Addagutta  
Kukatpally,  
Hyderabad.  
**WhatsApp: +91-9963930865**  
EMAIL [algorithm.class@gmail.com](mailto:algorithm.class@gmail.com)  
Website: [www.algorithmtraining.com](http://www.algorithmtraining.com)

# ALGORITHM TRAINING INSTITUTE

The Programming Institute



**Python trainer is an IITian with 16 yrs exp who trained 80+ batches**

## PYTHON SCRIPTING COURSE CONTENT

### BASICS

Tokens  
Operators  
Data Types  
Branching  
Loops  
Lists  
Tuples  
Sets  
Dictionary  
Arrays  
Sorting  
Searching  
Functions  
PDB

### OOPS

Class  
Method  
Constructor  
Destructor  
Data hiding  
Static member  
Static method  
Polymorphism  
inheritance  
Nested classes  
Decorators  
Operator overloading  
Function overriding

### SCRIPTING AND AUTOMATION

Strings  
Regexp  
Find pattern  
Extract pattern  
File IO  
command line args  
OS Module

**EACH TOPIC WOULD BE EXPLAINED WITH PROGRAMS AND ASSIGNMENT PROGRAMS**

## PYTHON SCRIPTING COURSE CONTENT

### Advanced Topics

Iterator  
Decorator  
Multithreading  
GUI Programming  
Multi threading  
Portable OS commands

### Modules

Sys  
Time  
OS  
Re  
Numpy  
Matplotlib

### Project

Railway reservation  
Project using GUI

#### Description:

1. Design GUI to enter new passenger and train details and write backend program to save the information in database
2. Design GUI to enter source and destination details and provide button to search train details and select one of the train to book a ticket
3. Design the GUI to enter passenger details and provide option to book a ticket and through 4. Design UI and complete backend work to book a ticket or cancel the ticket



Data Structures  
and  
Algorithms



## OUR TRAINING

### Free Demo

You can join a free demo and interact with the trainer before joining the course

### Programming Courses

Data Structures and Algorithms for interviews

Python Scripting  
Advanced Python  
Python Full Stack  
DJANGO

Java  
C C++  
Oracle SQL PL/SQL MySQL  
.Dot Net  
Android

Web Development Full Stack  
Angular  
React  
Node JS  
HTML CSS

### Technology Courses

Data Science  
Machine Learning  
Deep Learning  
Neural Networks

AWS

"We can make sure you to write programs in the class"

"Analyse and practice more programs to crack top MNC interviews"