

Rajarshi Shahu Mahavidyalaya (Autonomous), Latur
Department of Information Technology
Online Certification Course (August to September 2022)
In
“ Understanding Python”
Syllabus

Week 01:

Course
Introduction
What Is Python?
Python Features
Downloading, Installing, Running
Python Working with
Python(IDLE)
Basic Syntax
First Python
Program Variable
and Data Types
Operator

Week 2:

Conditional Statements: If, If- else,
Nested if-else **Looping Statements:** For,
While, Nested loops **Control Statements:**
Break, Continue, Pass

Working with Strings:

Accessing
Strings Basic
Operations
String slices
Function and Methods

Week 3 :

Working with Lists:

Introduction
Accessing list
Operations
Function and Methods

Working with

Tuple:

Introduction
Accessing tuples
Operations
Functions and Methods

Working with dictionaries:

Introduction
Accessing values in dictionaries
Properties

Week 4:

Working with

Functions:

Defining a function
Calling a function
Types of functions
Function Arguments

Exception

Handling:

Exception
Handling Except clause
Try? finally clause

OOPs concept:

Class and
object

Attributes

Inheritance

Overloading

Overriding

Data hiding

Course Teachers

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