



TEERTHANKER MAHAVEER UNIVERSITY, MORADABAD FACULTY OF ENGINEERING & COMPUTING SCIENCES

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SKILL CLOUD

Ms. Manveer Kaur

ENGLISH COMMUNICATION & SOFT SKILLS

Dr Sandeep Kumar Verma
Dr Barun Kumar Jha



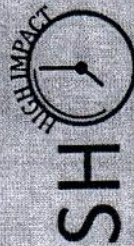
ANDROID : MOBILE APPS DEVELOPMENT

Mr. Harjinder Singh, 9457580600
Mr Ajay Chakravarthy, 9897844622



PHP Professionals

Mr P K Shah, 9917703333
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WEBSITE CREATION USING

ANIMATED TOOLS

Ms Shikha Gambhir, 8791563390
Ms Hina Hashmi, 7417240458



Java Essential

The Professional Module

Dr Rajeev Kumar, 9897672215
Mr. Amit Vishnoi, 9528716907



Introduction to ORACLE 11G SQL & VB.NET

Mr Ajay Rastogi, 9897694600
Ms Swati Vishnoi, 9412552978

INTERNET OF THINGS

Mr Ajay Rastogi, 9897694600



LET'S PLAY WITH

PYTHON PROGRAMMING

Vineet Saxena, 9719426186
Mr Rupal Gupta, 9927040798
Mr Mohan Vishal Gupta, 9456032866



CCNA

ROUTING & SWITCHING

Priyank Singh, 9319905957
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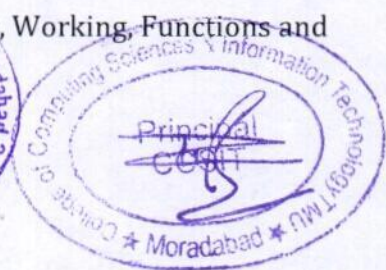
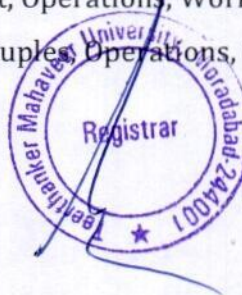
Let's Play With Python Programming

Objective: After taking this course, you should be able to: • use Python interactively

- execute a Python script at the shell prompt
- use Python types, expressions, and None
- use string literals and string type
- use Python statements (if...elif..else, for, pass, continue, ...)
- understand the difference between expressions and statements
- understand assignment semantics
- write and call a simple function
- utilize high-level data types such as lists and dictionaries
- understand the difference between mutable and immutable types
- write a simple class and access methods and attributes
- import and utilize a module
- read from and write to a text file
- understand interpreter and compilers: CPython, PyPy, Cython
- see demonstration of IDE's: IDLE, IPython, IPython Notebook, hosted environments
- understand the role of package managers: easy_install, pip
- understand what NumPy does and what SciPy is (are?)
- learn about resources for learning Python

Introduction: History, Features, Setting up path , Working with Python , Basic Syntax , Variable and Data Types , Operator, **Conditional Statements:** If , If- else , Nested if-else, **Looping:** For, While, Nested loops, **Control Statements:** Break, Continue, Pass

String Manipulation: Accessing Strings, Basic Operations, String slices, Function and Methods, **Lists:** Introduction, Accessing list, Operations, Working with lists, Function and Methods, **Tuple:** Introduction, Accessing tuples, Operations, Working Functions and



Methods, **Dictionaries:** Introduction, Accessing values in dictionaries, Working with dictionaries, Properties, Functions

Functions: Defining a function, Calling a function, Types of functions, Function Arguments, Anonymous functions, Global and local variables, **Modules:** Importing module, Math module, Random module, Packages, Composition,

Input-Output: Printing on screen, Reading data from keyboard, Opening and closing file, Reading and writing files, Functions, **Exception Handling:** Exception, Exception Handling, Except clause, Try ? finally clause, User Defined Exceptions.

