**Report on**

**Problem Solving and Programming in Python Phase – 1&2**



Department of S&H , V.R Siddhartha Engineering College Organized Six Half day Hands on workshop on **Problem Solving and Programming in Python Phase – I** with resource persons from APSSDC.

**Schedule for the workshop**

|  |  |  |  |
| --- | --- | --- | --- |
| **Session** | **Phase**  | **Dat**es | **Participated Students Count** |
| Problem Solving and Programming in Python Phase - I | Phase I | 17-23 December, 2019 | 61 |
| Problem Solving and Programming in Python Phase - II | Pahse II | 30 December 2019 to08 January 2020 | 61 |

**About the Workshop:**

Six Half day Hands on Workshop on **Problem Solving and Programming in Python Phase – I** &II with APSSDC. Python Developer is designed by Python development training team. Python Basic programming concepts starting from hello world basic knowledge on python programming will be delivered in this Workshop.

**Target audience:** I/IV B.Tech. Students of Department of S&H, VRSEC

**Venue**: IT CMSkill Lab.

**Resource Persons:**

* Sri Boppana Ravisastry,APSSDC
* Sri Mandoori Venkata Gopi,APSSDC

**Outcomes:**

* After this workshop students will be good at Basic Knowledge in Programming which helps them to get better Job opportunities.

**Course Content**:

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| --- | --- |
| **Day** | **Content** |
| 1 | * Inauguration,Registrations,Introduction
* Literate Programming Jupyter Notebook Environment
* Markdown format for documentation
* Python basics
 |
| 2 | * String Slicing, functions with examples
* Python Functions
* Conditional StatementsIteration
* Lists
 |
| 3 | * Tuples, Sets
* Dictionaries
* Packages and Modules
* Regular Expression
 |
| 4 | * File Handling
* File Processing
* List,Dictionary Comprehensions
* Iterators
* Generators
 |
| 5 | * Maps
* Filter
* Lambda
* Numpy
* Pandas
 |
| 6 | * Pandas
* Data Visualization using Matplot Library
* AWs
 |

**Convener**

Dr. M. Suneetha, Prof & HOD, IT

**Coordinators**

Dr G Ramakoteswara rao

B.L.N. Phaneendra Kumar

M.Ashok kumar

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Department of S&H

V.R Siddhartha Engineering College Vijayawada-7

In Association with APSSDC

**Sponsored by**

Siddhartha Academy of General& Technical Education

Vijayawada

**Department of Information Technology::VRSEC**

**Python using Machine Learning**

**Registration Form**

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