

Certificate course
on
Android Programming & App
Development)

With Hands on Practical Sessions

Workshop
on
**Web Designing (HTML, CSS and
Scripting Languages)**
With Hands on Practical Sessions

Workshop Activities:

The workshop will cover:

- Web technology- Client Server Approach
- HTML – writing of HTML programs
- CSS-its uses and implementation.
- Form designing through HTML
- Role of Validation& verification
- Scripting languages Utility
- VB Script JavaScript with hands on examples

Workshop

on

Python and its Applications

With Hands on Practical Sessions

Topics to be covered:

Market value of Python

Python, Its features.

Demonstration of Raspberry Pi

Physical Computing using Raspberry Pi.

Structure of IOT Sensors.

Application of Python in IOT

Demonstration of Project using IOT.

Installing Python.

Setting Path.

First Python Program.

Flow Controls

Working with Python List

String manipulation in Python

Use of function in Python.

Working with Modules

Object Oriented Programming concepts in Python.

CGI Programming.

CGI Architecture.

Development of General Zone of Project

Web Server support and configuration.

First CGI Program.

Use of GET and POST methods for passing information.

Database concepts (SQL Statements)

Database handling in Python (using MySql as backend)

Development of Project.

Development of Registration and Login Modules

SMS API Integration