

Date: 29-05-2019

REPORT OF ONE DAY WORKSHOP

on

“PYTHON” by IIT-B

Maharaja College of Engineering (MIT), MYSURU organised One day Coordinators workshop on PYTHON on 25th May 2019, in association with IIT-Bombay.

The Course Co-ordinator(PYTHON) from various engineering colleges like SJCE, MIT and ATME College of Engineering Mysore are participated in the workshop on 25th May 2019. The workshop is conducted through a blended mode, using both live video conferencing facility (A-VIEW) and hands-on sessions using Spoken Tutorials.

- **Prof. Prabhu Ramchandran**, Co-Principal Investigator, FOSSEE projects, IIT Bombay briefed about training Program.
- **Python Team members, FOSSEE**, IIT Bombay- linteracted with the Python team at IIT Bombay, through the video conferencing software **A-VIEW** and a timed discussion forum

The workshop had two parts:

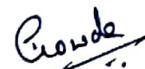
- (a) Morning Session: Self-Learning Python from Spoken Tutorials.
- (b) After Noon session: Hands on Session

Learning Python from Spoken Tutorials

Depending on the level of the user, one can learn any/all of the topics of Python through self-learning from Spoken Tutorials. The contents are

Getting started: Getting started with IPython, Using plot commands interactively, Embellishing a plot. Saving plots, Multiple plots. Subplots, Additional features of IPython, Loading data from files, Plotting data, Other types of plots, Plotting charts.

Basic Level: Getting started with lists, Getting started with for, Getting started with strings, Getting started with files, Parsing data, Statistics, Getting started with arrays, Accessing parts of arrays, Image manipulation using arrays, Basic matrix operations, Advanced matrix operations, Least square fit, Basic datatypes and operators, Sequence datatypes, Input-Output, Conditional statements, Loops, Manipulating lists, Manipulating strings, Getting started with tuples, Dictionaries, Sets, Getting started with functions.



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Professor, Dept. Of CSE