



Workshop Feedback Form

Workshop title: Python Workshop

Workshop Date: 16 and 17 Nov, 2019

Venue: BBPS, Gangaram

Attended by: Ms Meetu Tripathi

Resource Person: Prof. Naveen Gupta, Ms. Anamika Gupta, Mr. Ankit Rajpal, Mr. Naveen Kumar,
Mr. R K Pal

Organizer: In Service Training Programme

Profile of the Resource Person: * Prof Naveen Gupta Associate Professor, Department of Computer
Science, University of Delhi.

* Mr. Ankit Rajpal, (DDU College)

* Ms. Anamika Gupta,(Delhi University)

* Mr. Naveen Kumar (St. Marks School)

* Mr. R K Pal

1 . Content of the Workshop

DAY 1

Session 1:

PYTHON FUNCTIONS AND RECURSION

The following topics were taught:

- Concept of functions in Python
- Types of functions
- What are modules?
- Creating and Accessing functions from Modules
- Purpose of main() function
- Importance of documentation

Examples on the topics taught were discussed and hands on training was provided.

Session 2:

DBMS CONNECTIVITY

In this session following concept were taught:

- Downloading the XampServer.
- Settings to work with MySQL database and creating connection to fetch SQL table and queries in Python.

Session 3:

NUMPY BASICS

In this session following concept were taught:

- Purpose of Numpy module
- Difference between Array and List Datatype
- Built in functions of Numpy module were explained in detail
- Hands on practice using Jupyter notebook

DAY 2

Session 1:

PANDAS BASIC AND ADVANCE

In this session following concept were taught:

- Why Pandas are used in Python?
- Concept of Dataframes in Pandas
- Analysis of Data through Pandas
- Slicing of Dataframes
- Built in functions of Pandas

Examples on the topics taught were discussed and hands on training was provided.

Session 2:

PROJECT IDEAS

This session focused on various project options in Python that can be taken up as project. Many projects were showcased made using Python, Django and Pandas. The emphasis was laid on the fact that the students should be motivated to select smaller workable projects based on real data. The open sources of data were explored like data.gov.in, kaggle etc.

Session 3:

DJANGO

In this session following concept were taught:

- Installing Django.
- Django Projects and Django applications
- Hands on training on creating area calculator using Django.

2. Most interesting or useful topics or aspects of the workshop that can be applied to the classroom teaching.

All the topics covered are useful and informative. Python is the part of the new CBSE curriculum so all the concepts will be applied in the classroom. The libraries taught will be useful in teaching AI curriculum as well

3. How will you implement the knowledge & techniques acquired to your subject?

All the concepts learnt will be applied in the classroom teaching and project submissions.

4. Comments and suggestions (How do you think the workshop/Seminar could have been made more effective?)

The workshop was interesting, enriching, useful and engaging. It was a rich learning experience and we all could easily understand the different concepts of this new language.

5. Was the advance briefing about the workshop appropriate?

Yes.

	YES	NO	NOT SURE
• The workshop was applicable to my job.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
• I will recommend this workshop for other faculty members.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
• The program was well paced within the allotted time.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
• The material was presented in an organized manner	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
• The resource person was a good communicator	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
• The resource person was knowledgeable on the topic	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
• I would be interested in attending a follow-up, more advanced workshop on this same subject	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
• I will be able to conduct follow up workshop for the benefit of fellow Staff Members	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

GLIMPSES FROM THE WORKSHOP (Photographs with captions)



Python Programming Workshop Team



Briefing session with Mr. Naveen Kumar

Report submitted by

Signature

Names - Meetu Tripathi
Designation- PGT – Computer Sci.

Names - Asha Menon
Designation- PRT – Computer Sci.