



GTU OSTC
Open Source Technologies Club

GUJARAT TECHNOLOGICAL UNIVERSITY

OPEN SOURCE TECHNOLOGIES CLUB (OSTC)

Workshop Report on

PYTHON AWARENESS EVENT

Organized on 4th April 2015

at GTU, 2nd Floor, ACPC Campus, Ahmedabad

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Report on

TWO DAYS BOOTCAMP ON PYTHON

Organized on 11th & 12th April 2015

at GTU, Block No.6, LDCE Campus, Ahmedabad

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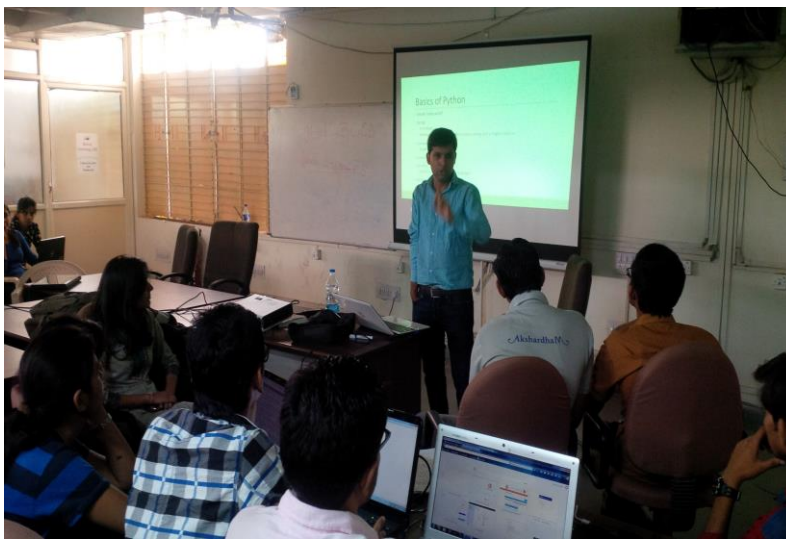
Python-Programming language that lets you work more quickly and integrate your systems more effectively.

Python is used successfully in thousands of real-world business applications around the world, including many large and mission critical systems.

"Python has been an important part of Google since the beginning, and remains so as the system grows and evolves. Today dozens of Google engineers use Python, and we're looking for more people with skills in this language." said Peter Norvig, director of search quality at Google, Inc.

To retain with current emerging technology era, Gujarat Technological University's Open Source Technologies Club has created GTU Python User Group (<http://www.meetup.com/gtupython/>). This Meetup group will help GTU Students, Python developers, learners, employers, and enthusiasts of all kinds to meet under one umbrella. GTU organized Python User Group Orientation Program and Python Awareness Event on 4th April 2015. A total number of 58 Students and Faculty Members participated in this workshop.

Python Workshop started with the welcome address by Ms.Toral Vandara. Mentor of this workshop was **Mr. Akif Vohra (Lead Software Engineer) of Quixom Technology, Ahmedabad**. Mr.Akif praised GTU's initiative and started session with the introduction of Python. After the basics of Python, following points were discussed by him in brief:



- About Python : Invention
- Actual words of Guido in 1996.
- About Python : Community & Organizations
- Features of Python
- What programmers say about Python?
- Installation of Python
- Functions in Python
- Data structures in Python : List & Tuple
- Data structures in Python : Dictionaries
- Data structures in Python : Sets
- Classes & Modules
- String, Looping, Control flow

Mr. Akif started hands-on session by simple Hello world Python Program. After that all participants performed various Python Programs and expert solved participants' difficulties-queries. At the end Mr.Akif guided students about how to get internship in Python as well as he briefed about various Python Projects.



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F E E D B A C K

- ✓ The scheduled event has fulfilled all the expectation as a participant as well as explored the scope of working in Python through effective & easy means for developing the web applications & related programming.
-Prof. Kashyap Parmar- Veerayatan Group of Institutions FOE & FOM, Kutch
- ✓ The event was great. Really thanks to Mr. Akif Vohra for giving us such a good and helpful session on Python language and that too from very much basics.
- Prashant Masuria- TITS, Modasa
- ✓ In this workshop, we learn Python from basics. Basic concepts taught by expert were amazing and the way he was going from basic to brief was really good. Detailed history of Python was expressed by him amazingly.
- Vidhi Shah & Viral Shah- SVBIT, Gandhinagar



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Two Days' Python Bootcamp

11th-12th April 2015

After the completion of Python Awareness Event successfully, Gujarat Technological University's Open Source Technologies Club organized Two Days' Python Bootcamp on 11th-12th April 2015. **Mr. Manoranjan Padhy**- Organizer at Python Developers Baroda, Tech. Speaker & Expert for Cloud Computing at Google Developers Baroda and **Mr. Harsh Dattani**-Organizer at Python Developers Baroda, Co-Organizer at Google Developers, Baroda. Android Expert and Developers were invited as experts. A total number of 41 Students and Faculty Members participated actively in this two days' workshop.



Mr. Manoranjan Padhy started the session with the introduction of Python and GIT Hub. After that, experts covered following points in the brief:

- What is programming?
- Algorithms, Strings, Variables, Errors
- Types of data, Logic and Functions, Objects, Modules
- Introduction to Python
- Development Environments, Terminals



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➤ Features, who uses Python?

- Release, Syntax, Arithmetic Comparison
- Indentation, Comments, Types, Dictionaries
- Operators, Control Flow, Functions, Arguments, Classes
- Python's way, Imports, Error Handling
- Documentations, Tools, IDEs, Package Management

At the end of the first day, experts gave an exercise to participants which they have to show on the second day of the Bootcamp. All Participants performed exercise very well and some of students also show their programs which they learn during these two days.



- ✓ Boot camp was very effective and interesting. Experts were very good at technical side and as well as teaching wise. I learned many new things in Python.

-Akshay Kansara - S P B Patel Engineering College, Mehsana

- ✓ Event was good. I enjoyed it. It covered all the basic things about PYTHON. And now we can make our own project in PYTHON language.

-Shivankumar Patel-L. J. Institute of Engineering and Technology, Ahmedabad

- ✓ It was awesome meet of Python, as I am fresher in IT department, this meet enhance my programming skills.

- Saurabh Mishra-SCET, Surat

- ✓ Very good and awesome workshop. I got very good knowledge about Python from A to Z. Resource arrangement was also very good. Thank you for this workshop. I hope that in future, I will enjoy more workshops on Open source technologies with this club.

- Divyesh Shani - Saffrony Institute Of Technology, Mehsana

- ✓ This seminar was really very interesting and it enrich knowledge about python, my basic fundament is clear about python and python is very flexible language.

- SVBIT, Gandhinagar



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It was awesome event. I enjoyed it lot. In future, if there is any event organize, I surely will be there.

- Sindhi Mukesh-SPCE,Visnagar

- ✓ Event was very well organized and was a great startup with python. Introducing of GitHub was great. I was there to use Python mainly for my research work.

- Mayank Mishra-Nirma University,Ahmedabad

At the end, there was an open discussion session. The Two days' workshop ended with a Vote of Thanks and distribution of certificates and Python Group Stickers. All the participants expressed their interest and desire to participate in any future activities of Python to be organize by GTU Python Meetup Group.

