



# ST FRANCIS DE SALES COLLEGE

Permanently Affiliated to Bangalore University || AICTE Approved Electronic City, Bengaluru - 100

Reaccredited by NAAC with 'B++' Grade || Recognised under section 2(f) & 12(b) of the UGC Act || An ISO 9001: 2015 Certified Institution

**A FRANSALIAN INSTITUTE OF HIGHER LEARNING**

## TRAINING ON PYTHON FOR FINAL YEAR BCA STUDENTS

In Association with  
Alpha-tech Academy

Date: 30/08/2020

Venue: COMPUTER LAB 1  
AND LAB 2, SFS DEGREE  
COLLEGE



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### REPORT FOR TWO-DAY TRAINING ON PYTHON

DATE: 30/08/2020

VENUE: COMPUTER LAB 1 AND LAB 2, SFS DEGREE COLLEGE

AGENDA: LEARNING BASICS OF PYTHON

The training was conducted by department of computer science in association with a team from Alpha-tech Academy. The training was meant to induce some interest for python in students for the most trending programming language around the world since it does not fall in regular syllabus. The first session was initiated with a brief on the various programming languages and key differences between all those with python. There was a good interaction by the trainer with the students and they were asked to list out the features of Java, C and C++ since they have already learnt these programming languages. The trainer explained the simplest "hello world" programs for JAVA, C++ and python. The students were mesmerized with the code for python since it was only a line compared to the others.

The later session for the day included the basic characteristics, data structure, data types, looping and iterations in python. Since it was a hands-on training all students were able to experiment executing the programs while the trainers taught them. It was more like a lab session than lectures for the students who started having interest in the new language since it was very simple already learnt these programming languages. The trainer explained the simplest "hello world" programs for JAVA, C++ and python. The students were mesmerized with the code for python since it was only a line compared to the others.

The second session began with the trainers assigning simple projects to group of students divided by the college staffs. They included projects like simple games, mobile application and accounting applications which could be developed in a day's time. Each category of project was under a different trainer and students were given instructions for development by their corresponding trainer.

The training was ended with an invitation for students who wanted to pursue their final year projects in python to join for the academy's extended training for the language. Since it is a very understandable and easy programming language many students expressed their interest to develop their projects for the course in python.

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