



Savitribai Phule Shikshan Prasarak Mandal's
SKN SINHGAD COLLEGE OF ENGINEERING

(Approved by AICTE & Affiliated to Solapur University, Solapur.)

At Post- Korti, Taluka-Pandharpur, District-Solapur, Pin-413304

Phone: 02186-250146, Fax: 02186-250142

Email: principal.sknscoe@spspm.org / infosknscoe@spspm.org Website: www.spspm.org

Five days' Workshop on
“Python Training”

Held at SKN SINHGAD College of Engineering, Korti, Pandharpur on 18th April, 2022

Staff Coordinator: Mrs. A. C. Pise

Dates: 18/04/2022

Venue: Computer Lab E&TC Dept.

Class: T.Y.

No. of Participants (Staff): 13

No. of Participants (Students): 31

Organizer: IETE ISF

A one day workshop is arranged on “Python Training”, scheduled on 18/04/2022 to 22/04/2022, Time-9:00 am-5:30 pm. Mr.Samual Patole, who consultant of Microsoft Technology, GTT Foundation, Aurangabad was the resource person for the workshop. He has delivered significant number of workshops in this and related areas.

Sir told that, Python is an interpreted, object-oriented, high-level programming language with dynamic semantics. Its high-level built in data structures, combined with dynamic typing and dynamic binding, make it very attractive for Rapid Application Development, as well as for use as a scripting or glue language to connect existing components together. Python's simple, easy to learn syntax emphasizes readability and therefore reduces the cost of program maintenance. Python supports modules and packages, which encourages program modularity and code reuse. The Python interpreter and the extensive standard library are available in source or binary form without charge for all major platforms, and can be freely distributed.

Often, programmers fall in love with Python because of the increased productivity it provides. Since there is no compilation step, the edit-test-debug cycle is incredibly fast. Debugging Python programs is easy: a bug or bad input will never cause a segmentation fault. Instead, when the interpreter discovers an error, it raises an exception. When the program doesn't catch the exception, the interpreter prints a stack trace. A source level debugger allows inspection of local and global variables, evaluation of arbitrary expressions, setting breakpoints, stepping through the code a line at a time, and so on. The debugger is written in Python itself, testifying to Python's introspective power. On the other hand, often the quickest way to debug a program is to



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add a few print statements to the source: the fast edit-test-debug cycle makes this simple approach very effective.

