



Sandip Institute of Technology and Research Centre

At & Po – Mahiravani, Trimbak Road, Tal & Dist .– Nashik

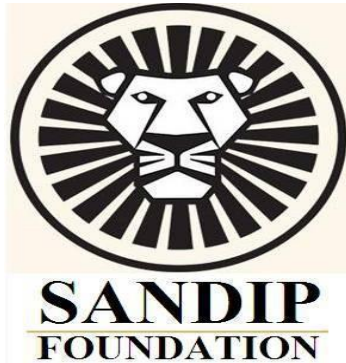
Phone: (02594) 222552,53,54, Fax: (02594) 222555

website : www.sandipfoundation.org, e-mail : principal@sitrc.org

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Accredited with “A” grade by NAAC With CGPA Score of 3.11

NBA Accredited for Computer & Mechanical Engineering(UG Course)



Activity Report On “ICT/Computing Skill”

(Three Days Hands on Workshop on PYTHON Programming)

1st Feb 2024

Organized by

**Department of Artificial Intelligence and Data
Science**

**SF’s Sandip Institute of Technology and Research Centre,
Nashik**



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Name of Program: ICT/Computing Skill (Three Days Hands on Workshop on PYTHON Programming)

Date: 1st Feb 2024 to 3rd Feb 2024

Resource Person :

- Prof. Sharmila P. Zope
- Prof. Vandana S. Jadhav
- Prof. Prasanna Kapse

Staff Coordinator: Prof. V. K. Barbudhe

Participants : 53 Students (AI & DS Department)

Name of Student Coordinator :

- 1.Khushi Mehata
2. Ananya Sakhare
3. Kartik Zope
4. Nikhil Dengale
5. Sahil Shinde

Venue: Mechanical Seminar Hall (D Building)

Aim: The aim of this workshop organized for students is to provide the foundations of the practical implementation and usage of PYTHON Programming. This workshop introduces fundamental concepts & recent advances of PYTHON Programming which in turn help students to apply it in practice and further load the foundation to a deeper study in this area.

Objectives:

- To acquire programming skills in PYTHON.
- To acquire Object oriented skills in PYTHON.
- To acquire knowledge of application in PYTHON.



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Outcomes:

- Explain the basic principle of PYTHON Programming .
- Implement object oriented concepts
- Understands the case studies related to PYTHON
- Build basic programs using fundamental programming constructs like variables, conditional logic, looping, and functions

Summary Report of ICT/Computing Skill (Three Days Hands on Workshop on PYTHON Programming

To introduces fundamental concepts & recent advances of PYTHON Programming which in turn help students to apply it in practice and further load the foundation to a deeper study in this area, the department of AI & DS Engineering of Sandip Foundation's, Sandip Institute of Technology and Research Center organized Three days hands on workshop on “PYTHON Programming” on the Date: 1st Feb 2024 to 3rd Feb 2024. The workshop was started with welcome & felicitation of Prof. Sharmila P. Zope, Vandana S. Jadhav and Prof. Prasanna Kapse. To attend the same workshop, a total of 60 students from AI & DS Engineering were present. At the end of the event students appreciated the event. The session concluded with a vote of thanks.

Workshop Schedule:

Day 1: Python Fundamentals

- Introduction to Python and its importance
- Basic syntax and data types
- Variables and operations
- Control structures (if statements, loops)
- Practical exercises and coding practice

Day 2: Practical Applications

- Python libraries for data analysis (e.g., NumPy, Pandas)
- Web development with Python (e.g., Flask)
- Hands-on projects and coding challenges
- Q&A and troubleshooting



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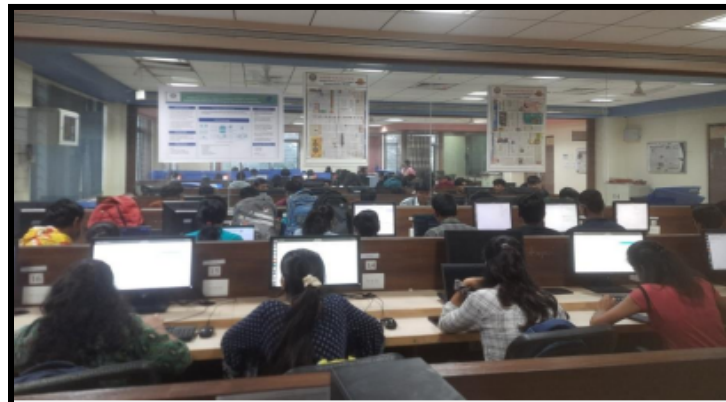


Day 3: Advanced Python Topics

- Functions and modules
- File handling
- Error handling and debugging
- Final project and presentations
- Workshop conclusion and certificates



Student attend Program



Student Perform Practical



Student Perform Practical



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The "Three-Day Hands-On Workshop on Python Programming" is a valuable opportunity for participants to acquire essential ICT and computing skills in Python. By the end of the workshop, attendees will be well-equipped to apply Python programming in their academic pursuits and future careers, making them valuable assets in today's technology-driven world.

Prof. V. K. Barbudhe
Staff Coordinator

Dr. Amit Gadekar
H.O.D

