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Taluka - Walwa, Dist - Sangli



Department of BCS
Academic Year 2024 - 25

Report On

Guest Lecture

“Python Programming”

Date of Lecture: March 21, 2025

Venue: F7 Classroom

Time: 11:00 AM – 12:00 PM

Guest Speaker: Mr. S. P. Nalawade

Organized by: Department of BCS

Introduction:

The guest lecture on "Introduction to Python Programming" was organized by department of BCS on March 21, 2025. The lecture aimed to introduce students to the basics of Python programming and its applications.

Summary of Lecture:

The lecturer began by introducing the basics of Python programming, including:

- Variables and data types: The lecturer explained the different data types in Python, including integers, floats, strings, and lists.
- Control structures: The lecturer discussed the different control structures in Python, including if-else statements, for loops, and while loops.

- **Functions:** The lecturer introduced the concept of functions in Python, including how to define and call functions.
- The lecturer then discussed the applications of Python programming, including:
- **Data analysis and science:** The lecturer showed how Python can be used for data analysis and science, including data visualization and machine learning.
- **Web development:** The lecturer discussed how Python can be used for web development, including the use of frameworks such as Django and Flask.
- **Automation:** The lecturer showed how Python can be used for automation, including automating tasks and workflows.

Key Takeaways:

- Python is a high-level, interpreted programming language that is easy to learn and use.
- Python has a wide range of applications, including data analysis and science, web development, and automation.
- Python has a large and active community, with many resources available for learning and troubleshooting.

Recommendations:

The lecturer recommended the following resources for learning Python:

- **Official Python documentation:** The lecturer recommended the official Python documentation as a comprehensive resource for learning Python.
- **Python tutorials and courses:** The lecturer recommended online tutorials and courses, such as Codecademy and Coursera, as a way to learn Python.
- **Python communities and forums:** The lecturer recommended participating in online communities and forums, such as Reddit's r/learnpython, as a way to connect with other Python learners and get help with questions.

Conclusion:

The guest lecture on "Introduction to Python Programming" was informative and engaging. The lecturer provided a comprehensive introduction to Python programming and its applications. The recommendations provided by the lecturer can be used as a starting point for further learning and exploration of Python programming.

Photographs:



Felicitated of guest by Ms. V. P. Patil



Mr. P. M. More gave introduction speech



Students

Head of BCS Department