



REGENT EDUCATION & RESEARCH FOUNDATION

Group of Institutions

Report on Python Programming Workshop

Date: 15th - 17th September 2022

Time: 2:00 – 5:00 PM

Location: RERFGI Campus

Introduction:

The Python Programming Workshop was held from 15th to 17th September 2022 at our RERFGI Campus. The workshop aimed to provide participants with an introduction to Python programming and enhance their coding skills. It was organized by the Coding Club in our organization.

Attendees:

The workshop was attended by 18 students from MCA & CSE departments within our organization.

Workshop Content:

The workshop covered the following topics:

1. Introduction to Python:
 - Overview of Python programming language
 - Installation and setup of Python environment
2. Basic Syntax and Data Types:
 - Variables and data types in Python
 - Operators and expressions
 - Control flow statements (if-else, loops)
3. Functions and Modules:
 - Defining and calling functions
 - Importing and using modules
 - Built-in functions and libraries
4. File Handling:
 - Reading from and writing to files
 - File handling operations in Python
5. Introduction to Object-Oriented Programming (OOP):
 - Concepts of OOP in Python
 - Creating classes and objects
 - Inheritance and polymorphism

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Workshop Delivery:

The workshop was conducted by Mr. Shirsendu Dutta, a subject matter expert in Python programming. Mr. Shirsendu Dutta delivered the content through a combination of presentations, live coding demonstrations, and hands-on exercises. Participants were provided with computer system and access to the necessary software and resources.

Interactive sessions were encouraged throughout the workshop, allowing participants to ask questions, seek clarification, and engage in discussions related to the topics covered.

Feedback and Evaluation:

At the end of the workshop, participants were given feedback forms to evaluate the session. The feedback received was overwhelmingly positive, with participants expressing satisfaction with the content, delivery, and overall organization of the workshop. Many participants mentioned that they found the hands-on exercises particularly helpful in reinforcing their understanding of the concepts.

Next Steps:

Based on the success of the Python Programming Workshop, the Coding Club plans to organize more workshops and training sessions on various coding topics. The feedback received from participants will be taken into consideration when planning future events.

Conclusion:

The Python Programming Workshop provided participants with a solid foundation in Python programming and equipped them with the necessary skills to apply their knowledge in practical scenarios. The workshop was well-received by attendees, and we look forward to organizing more such events in the future.

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