



Programming Fundamentals Program Report (AY:2022-23)

Name of the program: “Programming Fundamentals”

Day/Duration: 13.09.2022

Time: 11.00 Am to 4 Pm

No of participants: 105

Course Outcome:

Basic Programming Concepts:

- Students will be able to understand and apply fundamental programming concepts, including variables, data types, control structures, and functions in a programming language of choice.


Problem Solving and Algorithm Development:

- Learners will demonstrate the ability to design algorithms and implement solutions to computational problems, showcasing critical thinking and logical reasoning skills.

Topic Covered:

1. Introduction to Programming
2. Data Types and Variables
3. Control Structures (Conditionals and Loops)
4. Functions and Procedures
5. Arrays and Collections
6. Input and Output Operations
7. Basic Algorithms (Sorting and Searching)
8. Error Handling and Debugging
9. Introduction to Object-Oriented Programming (if applicable)




Principal
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CO PO MAPPING

| COs | POs |
|--|-------------|
| CO1: Basic Programming Concepts | P1,P2,P3,P4 |
| CO2: Problem Solving and Algorithm Development | P1,P2,P3,P6 |

Assessment procedure: The assessment of this program was conducted using multiple choice questions.




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