NEW HORIZON COLLEGE OF ENGINEERING

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

Workshop
On
**"Mastering Pseudocode: A Structured Approach to
Problem-Solving"**

Participants: 6th Semester Students   **Date:** 05-May-2025

Brief Description of The Event:

On May 5th, 2025, our department hosted a workshop on "Mastering Pseudocode : A Structured Approach to Problem-Solving " by Dr. Siva Balan. N, NTT Data, Bangalore. The primary objective of the workshop was to provide hands-on experience and theoretical understanding of Pseudo code.The main aim is to outline the logic of a program without focusing on the specific syntax of a programming language

Workshop Highlights:

The session was interactive and hands-on, covering the following key areas:

- Importance of Pseudocode in Industry:
  Dr. Siva Balan elaborated on how leading companies use pseudocode-based assessments during recruitment to evaluate a candidate's logical thinking and problem-solving abilities.

- Core Elements of Pseudocode:
  Participants were introduced to the fundamental components of pseudocode, including control structures, loops, conditionals, and modular design.

- Real-World Examples and Practice:
  The workshop featured practical examples and exercises, allowing students to write and analyze pseudocode for various problem statements. One such example was dissected in detail to demonstrate the step-by-step approach to solving a problem using pseudocode.

Outcome:

The workshop was well-received by students and faculty alike. It provided a solid foundation for structured programming and logical reasoning, which are essential skills in both academic and professional settings. Participants left with a clearer understanding of how to approach complex problems methodically using pseudocode.

No. Of Participants: 46
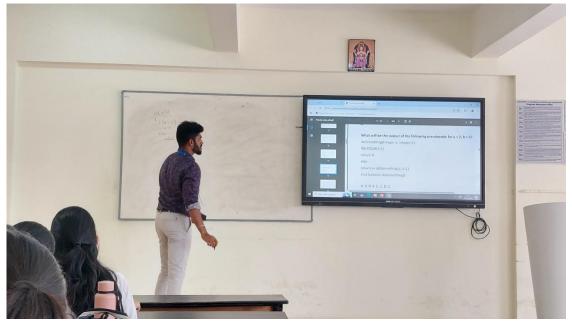
Resource Person Details:

Dr. Siva Balan Currently serves as Data Integration Specialist at NTT DATA, Bangalore.

The brochure of the event and the glimpses of the event:

Faculty Coordinator   **HOD-ISE**
Ms.J Karthiyayini   **Dr. Vandana C P**