



# NEW HORIZON COLLEGE OF ENGINEERING

## DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

### Workshop On “Mastering Pseudocode: A Structured Approach to Problem-Solving”

**Participants:** 6<sup>th</sup> Semester Students

**Date:** 05-May-2025

#### **Brief Description of The Event:**

On May 5<sup>th</sup>, 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:



The brochure is a dark blue rectangular poster. At the top, it features logos for New Horizon College of Engineering, a circular institutional logo, a blue circular logo with '1978', and the IEEE logo. Below these is the text 'Department of Information Science and Engineering'. A white banner with the word 'Workshop' is centered. A yellow box contains the title 'MASTERING PSEUDOCODE: A STRUCTURED APPROACH TO PROBLEM-SOLVING'. To the left, event details are listed with icons: a calendar for '5th May 2025', a clock for '10:00 AM Onwards', a location pin for 'C503, ISE', and a group of people for '6th Semester Students'. To the right is a circular portrait of Dr. Sivabalan N, with his name and title 'Data Integration Specialist, NTT DATA - Bangalore' below it. At the bottom, the 'Coordinator' is listed as 'Ms. J Karthiyayini, Sr. Assistant Professor - ISE' and the 'Convenor' as 'Dr. Vandana C P, Associate Professor and HoD -'. A QR code is in the bottom right corner.

**NEW HORIZON**  
COLLEGE OF ENGINEERING

Department of Information Science and Engineering

**Workshop**

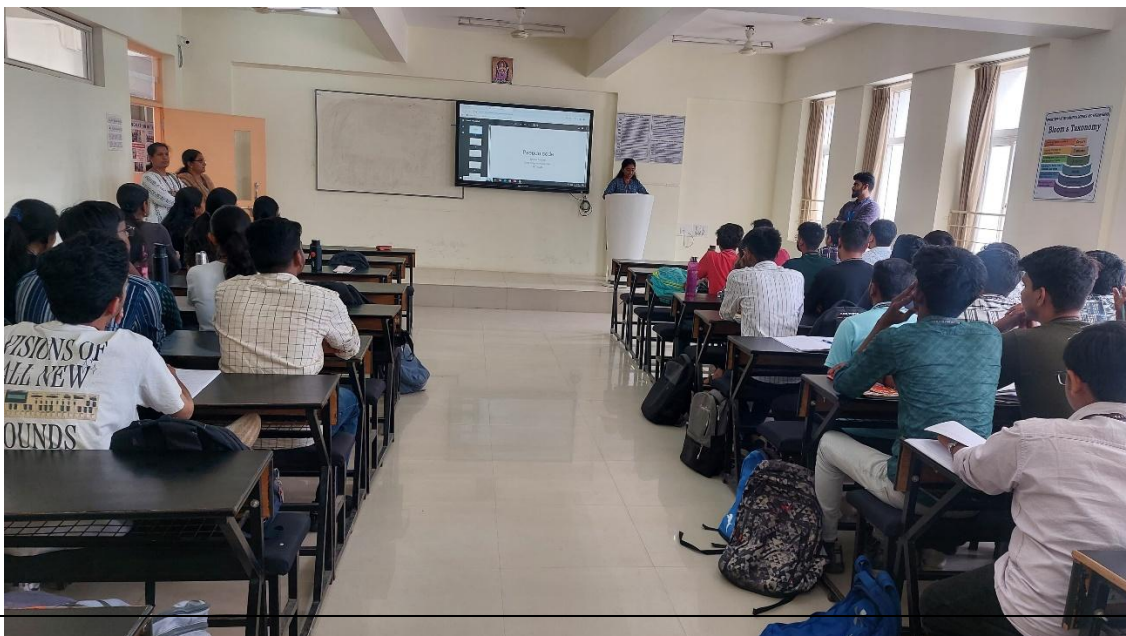
**MASTERING PSEUDOCODE:  
A STRUCTURED APPROACH TO PROBLEM-SOLVING**

5<sup>th</sup> May 2025  
10:00 AM Onwards  
C503, ISE  
6<sup>th</sup> Semester Students

**Dr. SIVABALAN N**  
Data Integration Specialist  
NTT DATA - Bangalore

**Coordinator**  
Ms. J Karthiyayini  
Sr. Assistant Professor - ISE

**Convenor**  
Dr. Vandana C P  
Associate Professor and HoD -





**Faculty Coordinator**  
**Ms.J Karthiyayini**

**HOD-ISE**  
**Dr. Vandana C P**