



# CERTIFICATE OF ACHIEVEMENT

THIS IS TO CERTIFY THAT

*Sudhanva Y K*

has successfully completed a four week course on

## Competitive Programming 101

under PESU I/O Program  
in the October-November Semester of 2025.

The training program consisted of  
**DSA Fundamentals in Python, Recursion & Backtracking,  
Time & Space Complexity Analysis, Dynamic Programming**

A handwritten signature in black ink, appearing to read "Anil H".

COO  
PES Institutions