



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



*This certificate is awarded to*

**DEBORAH ALVINA**

*for successfully completing the course*

## Programming, Data Structures and Algorithms using Python

with a consolidated score of **68** %

Online Assignments	25/25	Proctored Exam	43.13/75
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Total number of candidates certified in this course: **1844**

**Prof. Devendra Jalihal**

Chairperson,  
Centre for Outreach and Digital Education, IITM

**Jan-Mar 2023**

**(8 week course)**

**Prof. Andrew Thangaraj**

NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS15S24342072

To validate the certificate



No. of credits recommended: 2 or 3