



NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to
TOSHAL NARENDRA ZAMBARE
for successfully completing the course



Programming, Data Structures and Algorithms using Python

with a consolidated score of **50** %

Online Assignments	20.34/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **2068**

Prof. Andrew Thangaraj

Chair

Centre for Outreach and Digital Education, IITM

Jul-Sep 2024

(8 week course)

Prof. Vignesh Muthuvijayan

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL24CS78S343100150

To verify the certificate



No. of credits recommended: 2 or 3