



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

PAVANKUMAR RAMAKANT PAL

for successfully completing the course

Programming, Data Structures and Algorithms Using Python

with a consolidated score of **60** %

Online Assignments	22.92/25	Proctored Exam	37.5/75
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Total number of candidates certified in this course: **2081**

Prof. Devendra Jalihal

Chairperson,

Centre for Outreach and Digital Education, IITM

Jul-Sep 2023

(8 week course)

Prof. Andrew Thangaraj

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS95S44480102

To verify the certificate



No. of credits recommended: 2 or 3