



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SWAPNIL SHARMA

for successfully completing the course

Programming, Data Structures and Algorithms Using Python

with a consolidated score of **55** %

Online Assignments	25/25	Proctored Exam	30/75
--------------------	-------	----------------	-------

Total number of candidates certified in this course: **2081**

Prof. Devendra Jaliha

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: NPTEL23CS95S35262408

To verify the certificate



No. of credits recommended: 2 or 3