



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SWASTIK GHOSH**

for successfully completing the course

**Programming, Data Structures and Algorithms using Python**

with a consolidated score of **60** %

Online Assignments	25/25	Proctored Exam	34.61/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **2042**

*Devendra Jalihal*

**Prof. Devendra Jalihal**

Chairperson,

Centre for Outreach and Digital Education, IITM

**Jan-Mar 2024**

**(8 week course)**

*Prof. Andrew Thangaraj*

**Prof. Andrew Thangaraj**

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL24CS45S559300020

To verify the certificate



No. of credits recommended: 2 or 3