

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CS26S33751708

To
ARITRA CHAKRABORTY
16/201, LARICA TOWNSHIP, KOL-700126
WEST BENGAL - 700126
PH. NO : 9831745656



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

ARITRA CHAKRABORTY

for successfully completing the course

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

with a consolidated score of **70** %

Online Assignments	25/25	Programming Exam	24.5/25	Proctored Exam	20/50
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Total number of candidates certified in this course: **1600**

Devendra Jali hal

Prof. Devendra Jali hal
Chairman
Centre for Continuing Education, IITM

Jan-Mar 2022
(8 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



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To validate and check scores: <https://npTEL.ac.in/noc>