

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20CS70S41210841

To
KETAN ANAND
OAK B 803, GODREJ WOODSMAN ESTATE
BELLARY ROAD, HEBBAL
BANGALORE
KARNATAKA - 560024
PH. NO :9591365004



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 Ministry of HRD, Govt. of India)

This certificate is awarded to

KETAN ANAND

for successfully completing the course

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

with a consolidated score of **77** %

Online Assignments	24/25	Programming Exam	25/25	Proctored Exam	27.5/50
--------------------	-------	------------------	-------	----------------	---------

Total number of candidates certified in this course: **1579**



Devendra Jalihal

Prof. Devendra Jalihal

Chairman
Centre for Continuing Education, IITM

Sep-Nov 2020
(8 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20CS70S41210841

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