



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SHAIK WASIM AKRAM

for successfully completing the course

Programming, Data Structures and Algorithms Using Python

with a consolidated score of **55** %

Online Assignments	20.83/25	Proctored Exam	33.75/75
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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: NPTEL23CS95S34081725

To verify the certificate



No. of credits recommended: 2 or 3