Elite

NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

Skill India
कौशल भारत - कुशल भारत



This certificate is awarded to

JUMANA JALAL

for successfully completing the course

Programming, Data Structures and Algorithms using Python

with a consolidated score of **67** %

Online Assignments	21.88/25	Proctored Exam	45/75

Total number of candidates certified in this course: **2068**

Prof. Andrew Thangaraj
Chair
Centre for Outreach and Digital Education, IITM

Jul-Sep 2024

(8 week course)

Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL24CS78S434800499

To verify the certificate

No. of credits recommended: 2 or 3