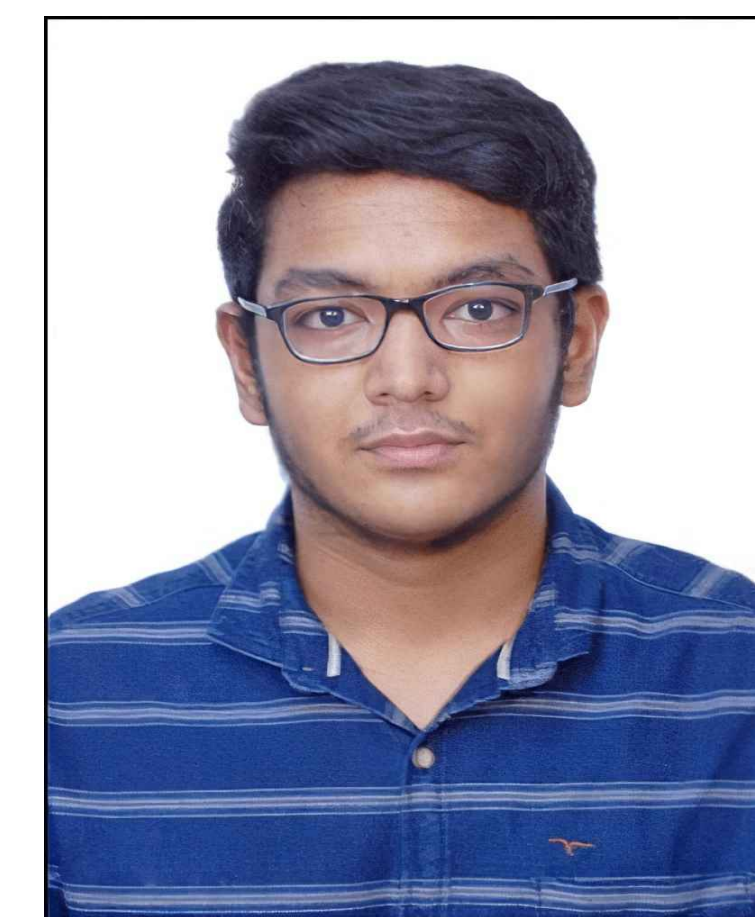




Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

HARSH GUPTA

for successfully completing the course



Programming, Data Structures and Algorithms Using Python

with a consolidated score of **83** %

Online Assignments	25/25	Proctored Exam	58.13/75
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Total number of candidates certified in this course: **2081**

Devendra Jalihal

Prof. Devendra Jalihal

Chairperson,
Centre for Outreach and Digital Education, IITM

Jul-Sep 2023

(8 week course)

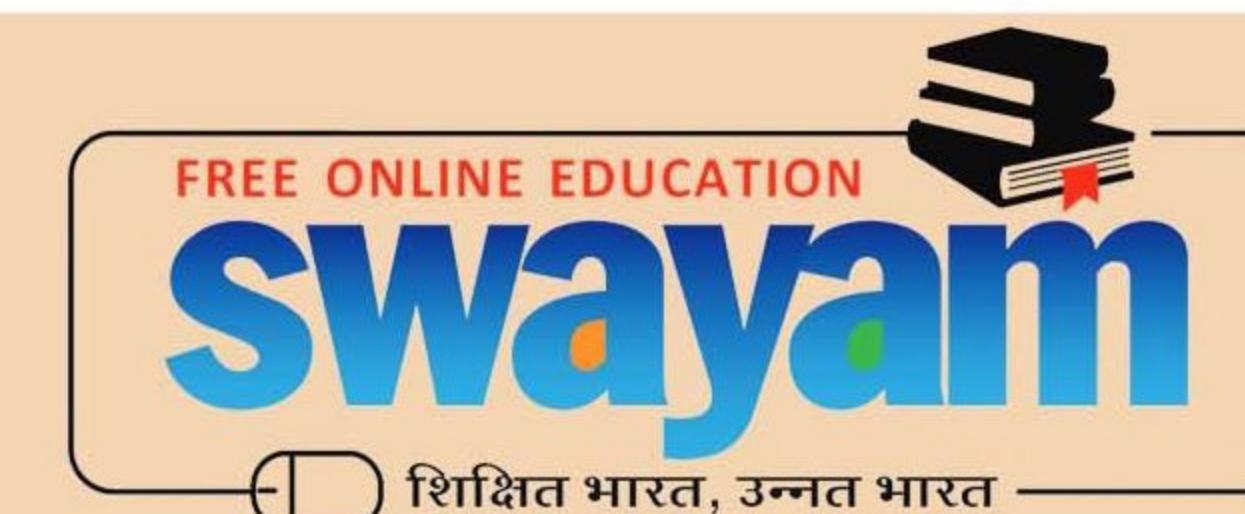
Prof. Andrew Thangaraj

Prof. Andrew Thangaraj

NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS95S45780452

To verify the certificate



No. of credits recommended: 2 or 3