



NPTEL ONLINE CERTIFICATION

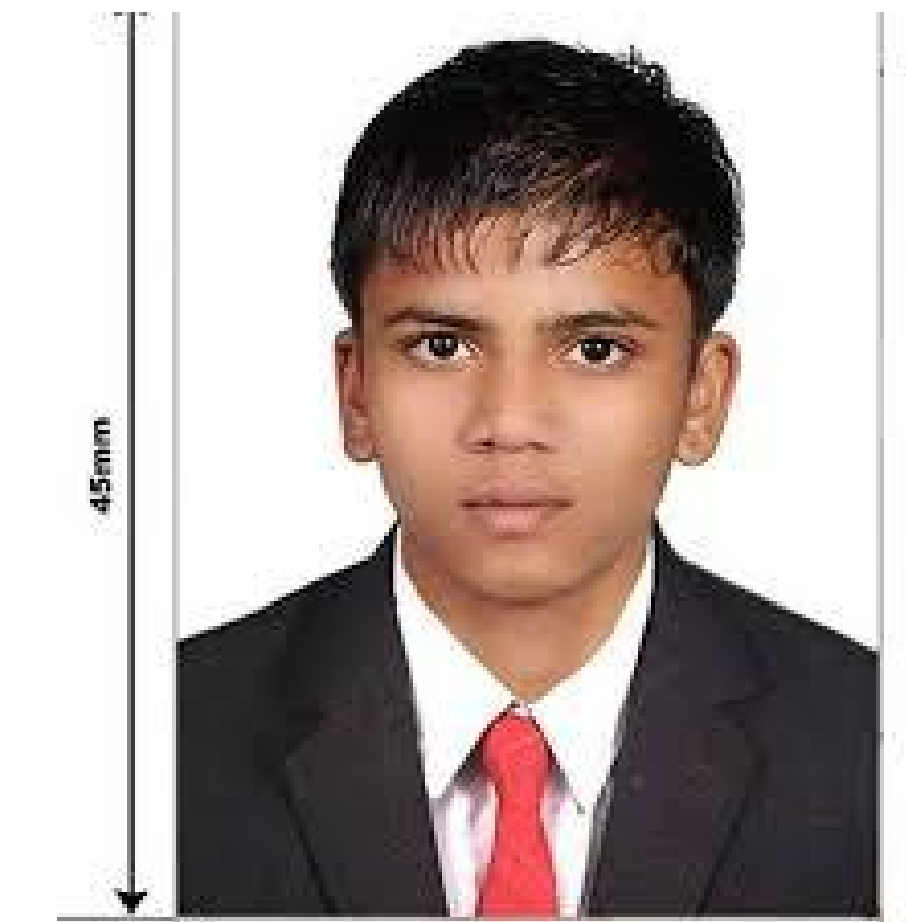
(Funded by the MoE, Govt. of India)



This certificate is awarded to

ARUN KUMAR

for successfully completing the course



Programming, Data Structures and Algorithms using Python

with a consolidated score of **46** %

Online Assignments	15.63/25	Proctored Exam	30/75
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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)

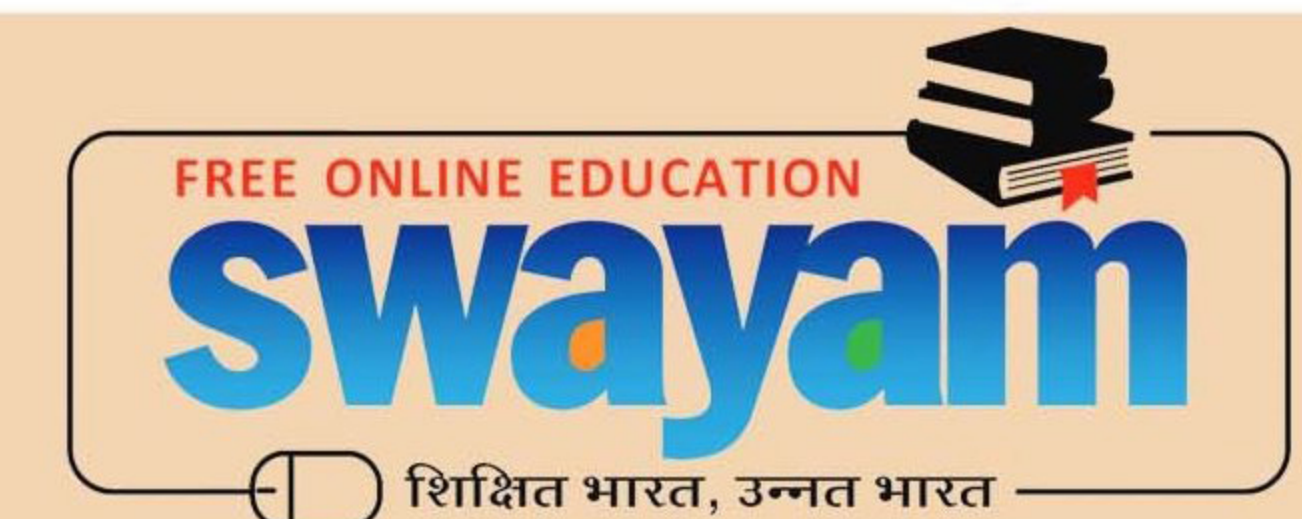
Prof. Vignesh Muthuvijayan

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL24CS78S437202681

To verify the certificate



No. of credits recommended: 2 or 3