



Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SHAIK IRFAN**

for successfully completing the course



## Programming, Data Structures and Algorithms using Python

with a consolidated score of **60** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 23.96/25 | Proctored Exam | 35.63/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **1796**

**Prof. Andrew Thangaraj**

Chair

Centre for Outreach and Digital Education, IITM

**Jul-Sep 2025**

**(8 week course)**

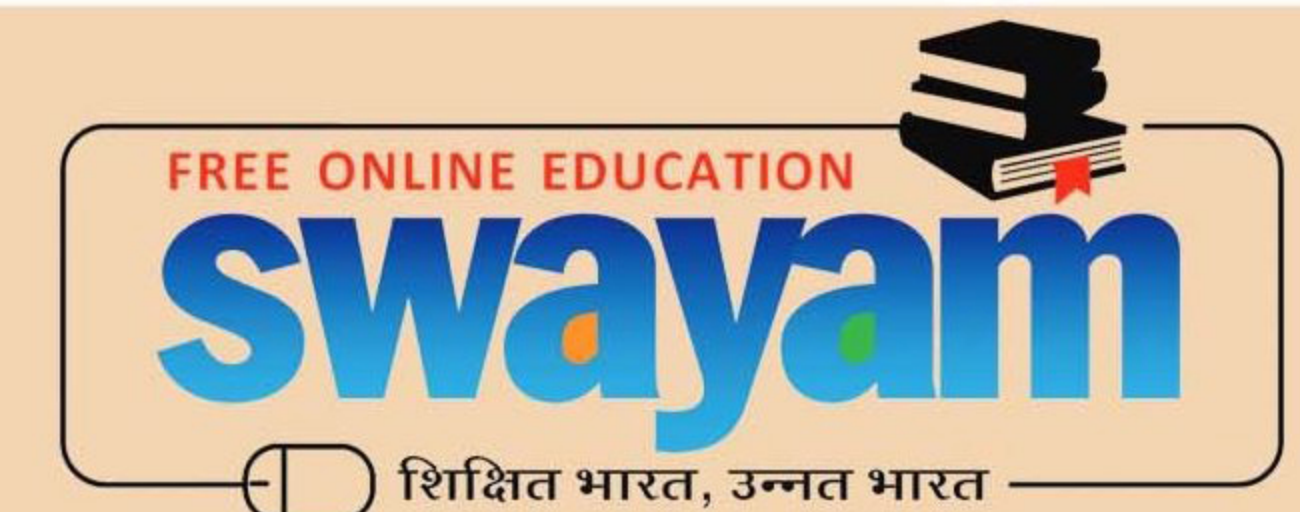
**Prof. Vignesh Muthuvijayan**

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL25CS89S132101904

To verify the certificate



No. of credits recommended: 2 or 3