



Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to

**APPALA BHARATH**

for successfully completing the course



**Programming, Data Structures and Algorithms using Python**

with a consolidated score of **63** %

Online Assignments	25/25	Proctored Exam	37.5/75
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Total number of candidates certified in this course: **2068**

**Prof. Andrew Thangaraj**  
Chair

Centre for Outreach and Digital Education, IITM

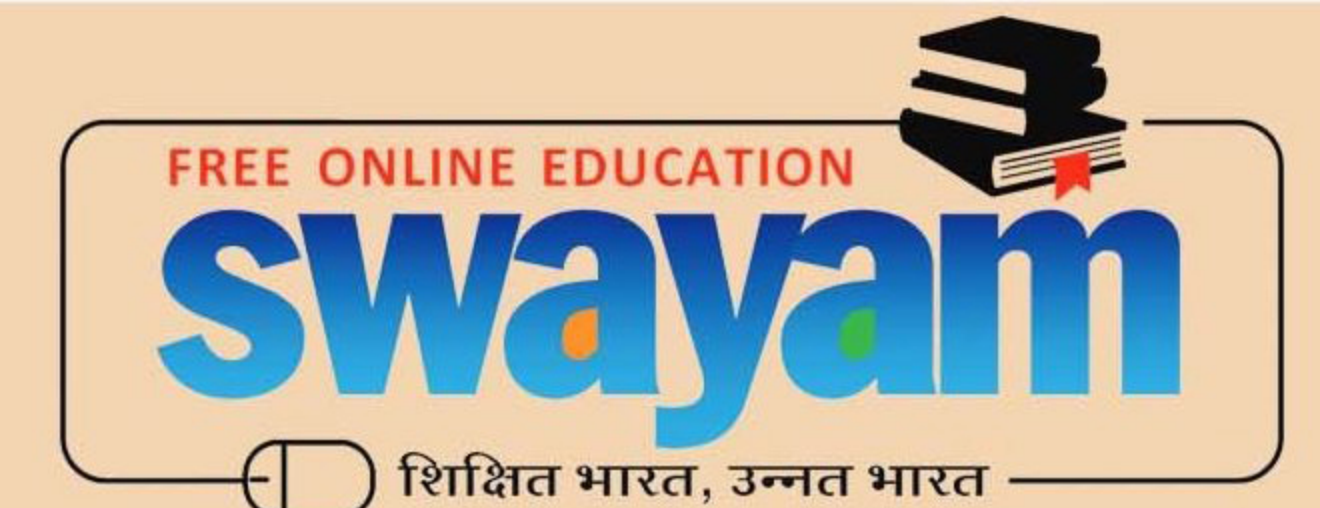
**Jul-Sep 2024**

**(8 week course)**

**Prof. Vignesh Muthuvijayan**  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL24CS78S436801382

To verify the certificate



No. of credits recommended: 2 or 3