



# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**KESHAV AGRAWAL**

for successfully completing the course



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

with a consolidated score of **55** %

Online Assignments	22.92/25	Proctored Exam	31.88/75
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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)**

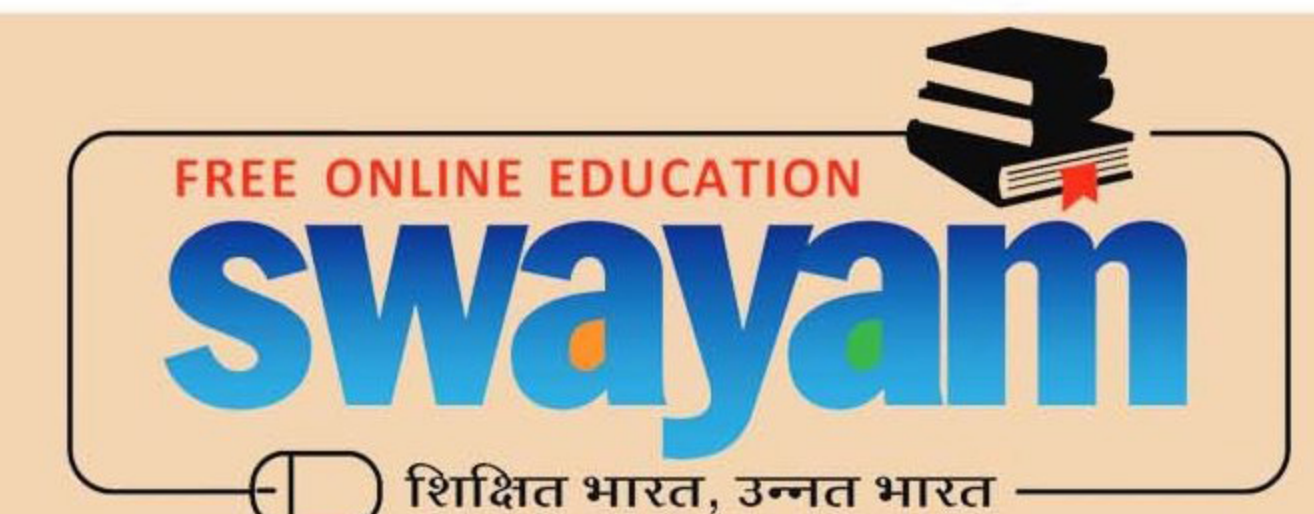
**Prof. Vignesh Muthuvijayan**

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL24CS78S437201986

To verify the certificate



No. of credits recommended: 2 or 3