



NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SATWIK RAI

for successfully completing the course

Data Structure and Algorithms using Java

with a consolidated score of **54** %

Online Assignments	24/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **3234**



Prof. Haimanti Banerji

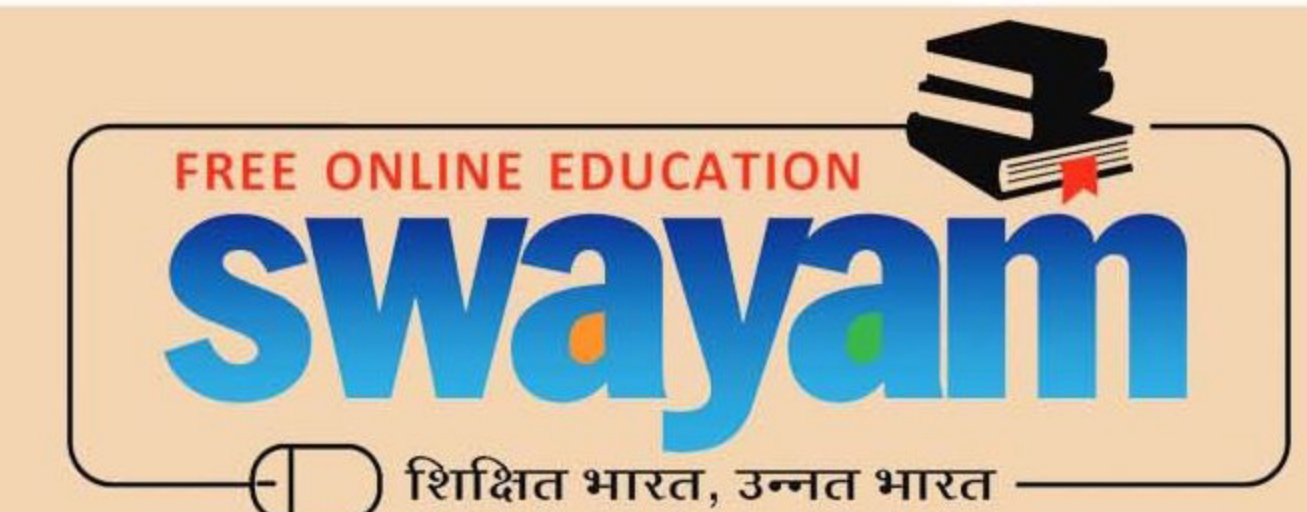
Coordinator, NPTEL
IIT Kharagpur

Jul-Oct 2025

(12 week course)



Indian Institute of Technology Kharagpur



Roll No: NPTEL25CS148S971900050

To verify the certificate



No. of credits recommended: 3 or 4