



Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to

**SMARANIKA POREL**

for successfully completing the course

**Data Structure and Algorithms using Java**

with a consolidated score of **66** %

Online Assignments	13/25	Proctored Exam	52.5/75
--------------------	-------	----------------	---------

Total number of candidates certified in this course: **5081**



**Prof. Haimanti Banerji**  
Coordinator, NPTEL  
IIT Kharagpur

**Jul-Oct 2024**

**(12 week course)**



Indian Institute of Technology Kharagpur



Roll No: NPTEL24CS96S452301505

To verify the certificate



No. of credits recommended: 3 or 4