



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

MANAS SHARMA

for successfully completing the course

Data Structure and Algorithms Using Java

with a consolidated score of **50** %

Online Assignments	19.69/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **3896**

Jul-Oct 2023

(12 week course)

Prof. Haimanti Banerji

Coordinator, NPTEL

IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS85S842801385

To verify the certificate



No. of credits recommended: 3 or 4