



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SHIVAM TIWARI

for successfully completing the course

Object Oriented System Development using UML, Java and Patterns

with a consolidated score of **54** %

Online Assignments	22.63/25	Proctored Exam	31.13/75
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Total number of candidates certified in this course: **390**

Jan-Apr 2023

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS46S43611438

To validate the certificate



No. of credits recommended: 3 or 4