



NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to
AVANEESH KUMAR SINGH
for successfully completing the course



Distributed Optimization and Machine Learning

with a consolidated score of **55** %

Online Assignments	21.25/25	Proctored Exam	33.92/75
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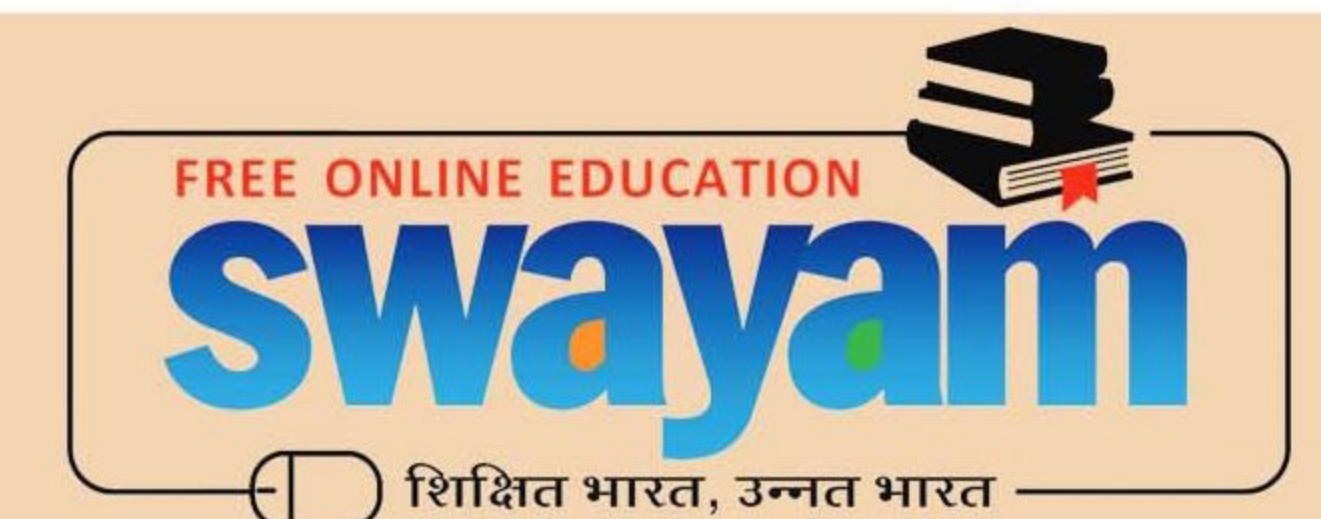
Total number of candidates certified in this course: **42**

Jul-Oct 2025
(12 week course)

Prof. Sridhar Iyer
Head CDEEP & NPTEL Coordinator
IIT Bombay



Indian Institute of Technology Bombay



Roll No: NPTEL25CS86S570100157

To verify the certificate



No. of credits recommended: 3 or 4