



Elite

NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



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



Optimization Theory and Algorithms

with a consolidated score of **61** %

Online Assignments	23.66/25	Proctored Exam	37.5/75
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Total number of candidates certified in this course: **78**

Prof. Andrew Thangaraj
Chair

Centre for Outreach and Digital Education, IITM

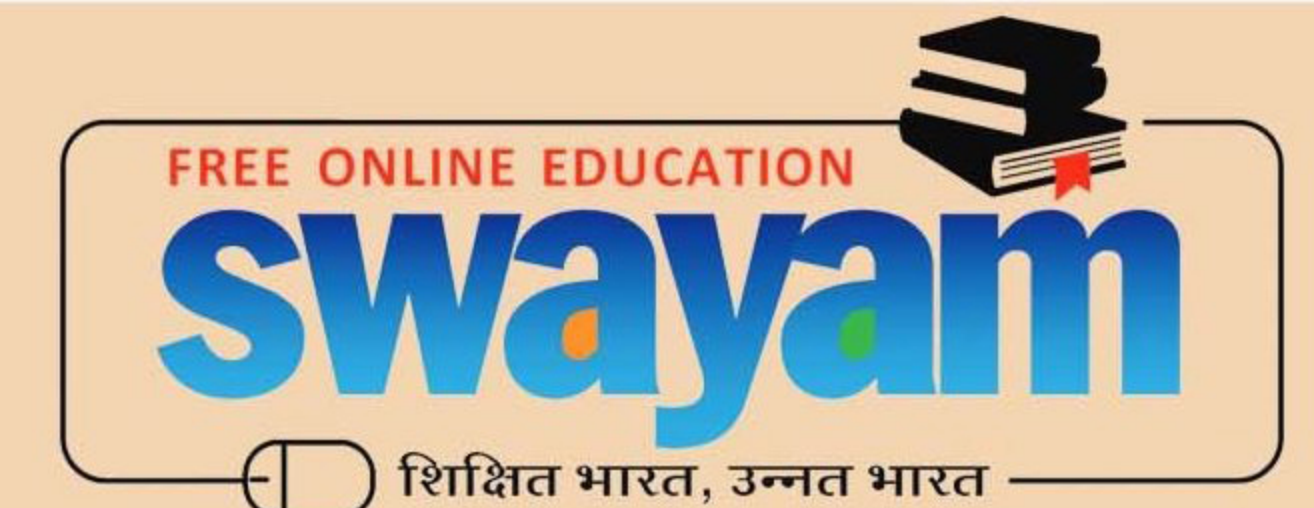
Jul-Oct 2025

(12 week course)

Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL25EE137S670100040

To verify the certificate



No. of credits recommended: 3 or 4