



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

PRATHAM MALVIYA

for successfully completing the course

Essential Mathematics for Machine Learning

with a consolidated score of **43** %

Online Assignments	11.22/25	Proctored Exam	32.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **349**

Prof. Kaushik Ghosh,
Professor (Chemistry)
Coordinator CEC

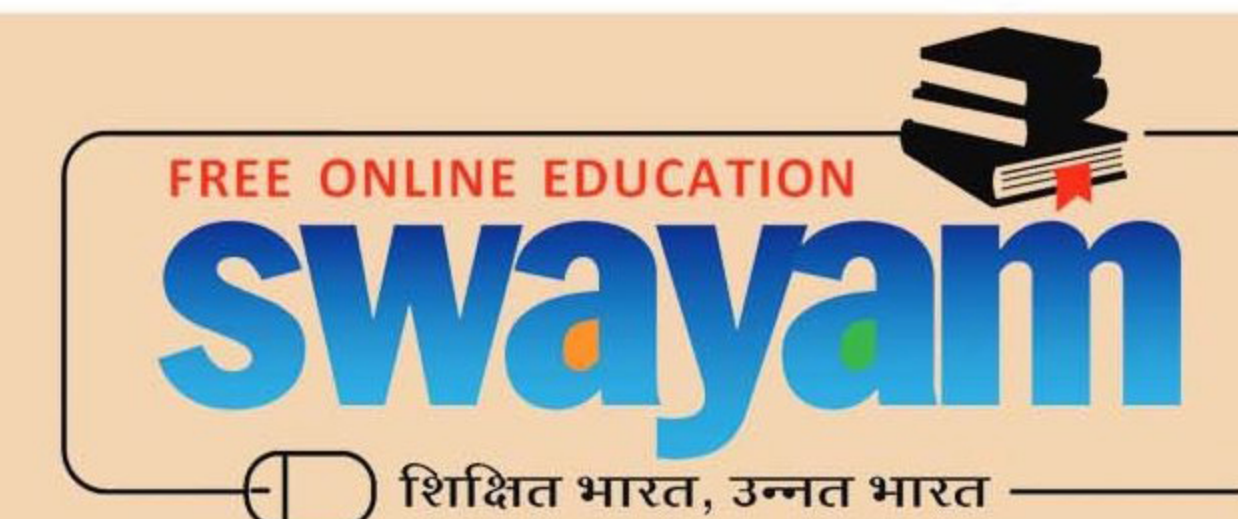
Jul-Oct 2023

(12 week course)

Prof. Ranjana Pathania,
Professor (BSBE)
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL23MA93S837900260

To verify the certificate



No. of credits recommended: 3 or 4