



NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

KARAN KUMAR

for successfully completing the course

Acoustic Materials And Metamaterials

with a consolidated score of **53** %

Online Assignments	17.08/25	Proctored Exam	36/75
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Total number of candidates certified in this course: **33**

Prof. Kaushik Ghosh,
Professor (Chemistry)
Coordinator CEC

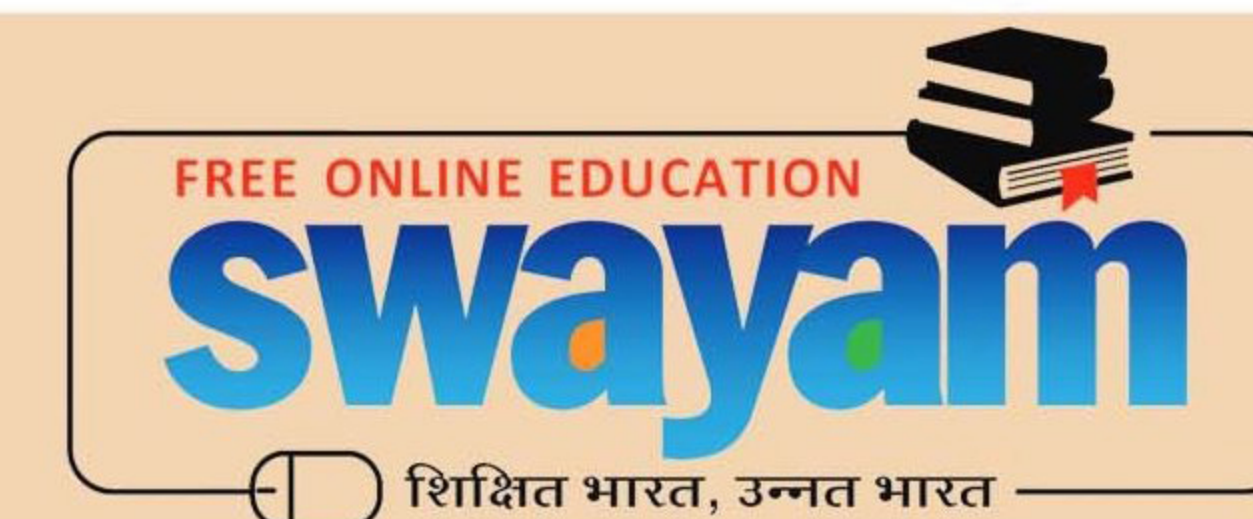
Jan-Mar 2025

(8 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25ME01S543403371

To verify the certificate



No. of credits recommended: 2 or 3