



Elite

NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SHANMUGARAJAN B

for successfully completing the course



Photonic Crystals: Fundamentals & Applications

with a consolidated score of **84** %

TOPPER

Online Assignments	22.75/25	Proctored Exam	61.5/75
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Total number of candidates certified in this course: **18**

Jul-Oct 2025

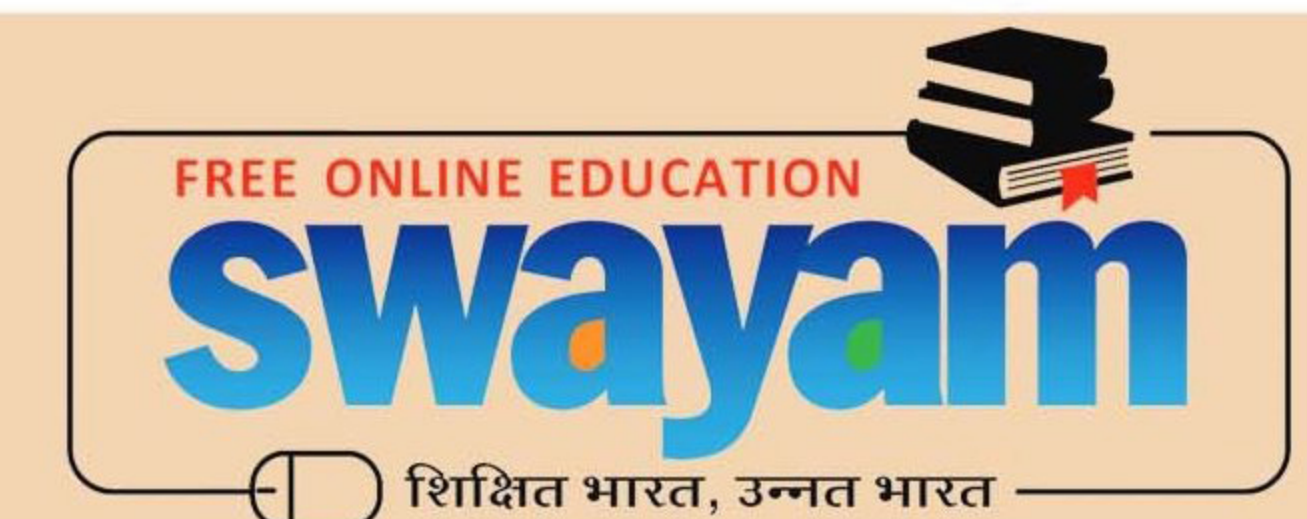
(12 week course)

Dr. Salil Kashyap

Coordinator, Centre for Educational Technology,
IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL25EE182S970600029

To verify the certificate



No. of credits recommended: 3 or 4