



Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to

**ARPAN KUMAR**

for successfully completing the course



## Sustainable Engineering Concepts and Life Cycle Analysis

with a consolidated score of **65** %

Online Assignments	22.42/25	Proctored Exam	43/75
--------------------	----------	----------------	-------

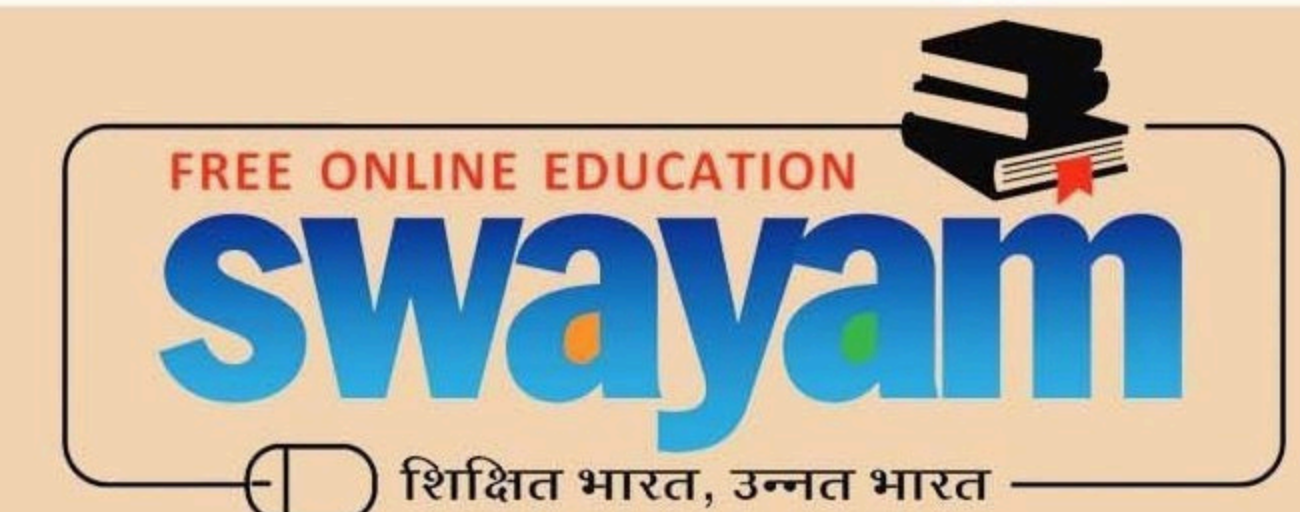
Total number of candidates certified in this course: **1153**

**Jul-Sep 2025**  
(8 week course)

**Prof. Haimanti Banerji**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No:NPTEL25CE117S644600682

To verify the certificate



No. of credits recommended: 2 or 3