



Elite

NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SUNIL PRADHAN

for successfully completing the course

**Signal Processing for mm Wave Communication for
5G and Beyond**

with a consolidated score of **65** %

Online Assignments	20.41/25	Proctored Exam	44.39/75
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Total number of candidates certified in this course: **116**



Jul-Oct 2025

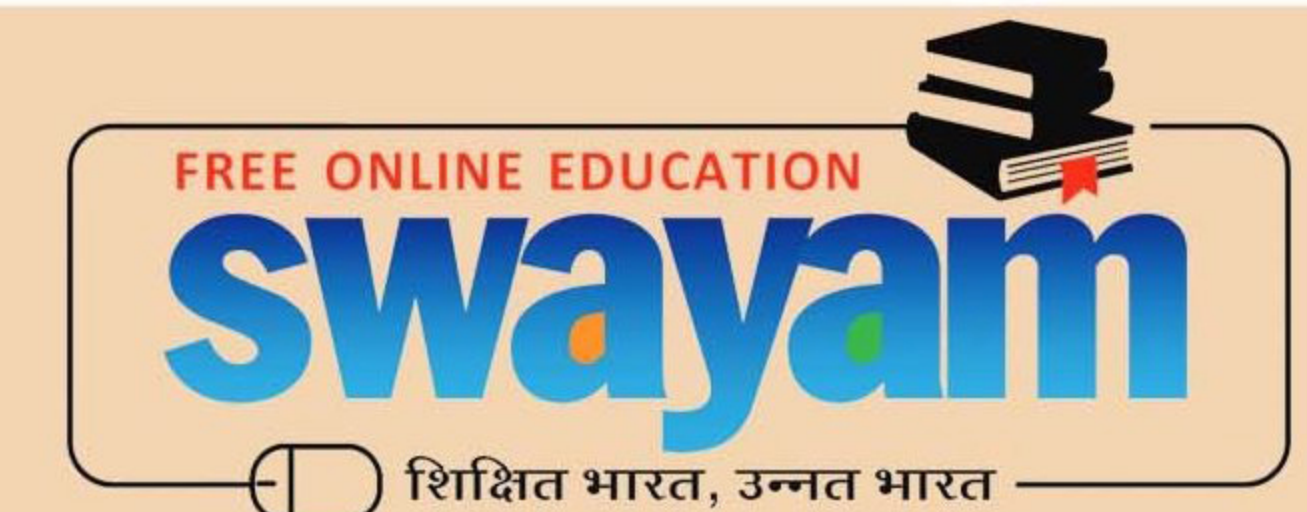
(12 week course)

Prof. Haimanti Banerji

Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL25EE161S1152604461

To verify the certificate



No. of credits recommended: 3 or 4