NPTEL ONLINE CERTIFICATION

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Skill India
कौशल भारत - कुशल भारत



This certificate is awarded to

GHARAT BHAGVAT SUDAM

for successfully completing the course

Introduction to Wireless and Cellular Communications

with a consolidated score of **48** %

Online Assignments	15.56/25	Proctored Exam	32.15/75

Total number of candidates certified in this course: **729**

Prof. Andrew Thangaraj
Chair
Centre for Outreach and Digital Education, IITM

Jul-Oct 2025

(12 week course)

Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

FREE ONLINE EDUCATION
swayam
शिक्षित भारत, उन्नत भारत

Roll No: NPTEL25EE109S551800137

To verify the certificate

No. of credits recommended: 3 or 4