



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

BALAKUMARAN S

for successfully completing the course

Computer Networks and Internet Protocol

with a consolidated score of **47** %

Online Assignments	15.81/25	Proctored Exam	31.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **9310**

Jan-Apr 2024

(12 week course)

Prof. Haimanti Banerji

Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL24CS19S463100215

To verify the certificate



No. of credits recommended: 3 or 4