This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, https://nptel.ac.in/noc/

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TO LIKHITHA VERMA A 235A, 4TH STREET, TNHB COLONY KORATTUR CHENNAI TAMIL NADU - 600080 PH. NO :6383688836



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

## No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

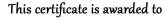




## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)





## LIKHITHA VERMA A

for successfully completing the course



## **Cryptography and Network Security**

with a consolidated score of 88 %

Online Assignments | 24.69/25 | Proctored Exam | 63/75

Total number of candidates certified in this course: 279

Prof. G P Raja Sekhar Dean, Continuing Education IIT Kharagpur

Jan-Apr 2021 (12 week course) Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL21CS16S13340086

To validate and check scores: https://nptel.ac.in/noc