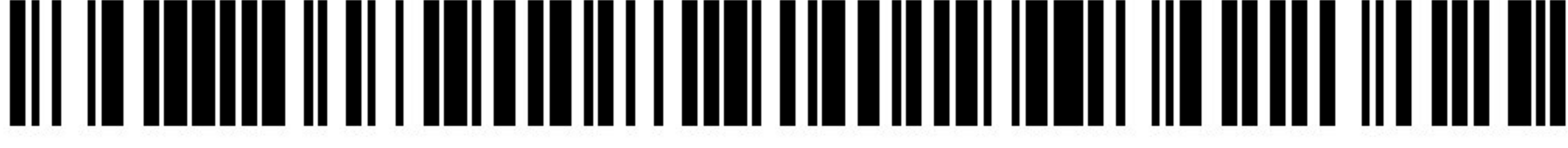


This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>




Roll No: NPTEL19CS39S61460178

To
KARTHICK P S
FLAT NO.3,121/46, JUSTICE RAMASAMY RD,
KAMARAJ AVENUE 2ND STREET
ADYAR
CHENNAI
TAMIL NADU
600020
PH. NO :9790865325

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.



Elite

NPTEL Online Certification

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

This certificate is awarded to

KARTHICK P S
for successfully completing the course



An Introduction to Programming Through C++

with a consolidated score of **76** %

Online Assignments	20/25	Programming Exam	16.75/25	Proctored Exam	39/50
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Total number of candidates certified in this course: 516

Jul-Oct 2019
(12 week course)



Sridhar
Prof. Sridhar Iyer
Head, CDEEP & NPTEL Coordinator
IIT Bombay