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: NPTEL20CS83S61600678

TO MOHAMMED TOUHEED PATEL 9-4-50/61/A HAKEEMPET ,TOLICHOWKI , HYDERABAD TELANGANA - 500008 PH. NO :8019676558



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



for successfully completing the course



with a consolidated score of 70

Online Assignments 14.22/25 Programming Exam 25/25 Proctored Exam 31.25/50

Total number of candidates certified in this course: 5563

Prof. Devendra Jalihal

Devendra Jalihal

Chairman
Centre for Continuing Education, IITM

Sep-Dec 2020 (12 week course) Prof. Andrew Thangaraj

Prof. Andrew Thangara

NPTEL Coordinator

IIT Madras



