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Roll No: NPTEL21CS21S12330008

To  
RAVIRAJ KRANTIKUMAR DULANGE  
HOUSE NO.126, JODBHAVI PETH,  
NEAR JAIN MANDIR, SOLAPUR.  
SOLAPUR  
MAHARASHTRA - 413002  
PH. NO :9595743489



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

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

**RAVIRAJ KRANTIKUMAR DULANGE**

for successfully completing the course



**Programming, Data Structures And Algorithms Using Python**

with a consolidated score of **83** %

Online Assignments	23.96/25	Programming Exam	25/25	Proctored Exam	33.75/50
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Total number of candidates certified in this course: **992**

*Devendra Jalihal*

**Prof. Devendra Jalihal**  
Chairman  
Centre for Continuing Education, IITM

**Jan-Mar 2021**  
**(8 week course)**

*Prof. Andrew Thangaraj*

**Prof. Andrew Thangaraj**  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



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