



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**NAGA VAISHNAVI KARRA**

for successfully completing the course

## The Joy of Computing using Python

with a consolidated score of **69** %

Online Assignments	23.34/25	Programming Assignment	25/25	Proctored Exam	21/50
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Total number of candidates certified in this course: **9957**

*Devendra Jalihal*

**Prof. Devendra Jalihal**

Chairperson,  
Centre for Outreach and Digital Education, IITM

**Jul-Oct 2022**

**(12 week course)**

*Prof. Andrew Thangaraj*

**Prof. Andrew Thangaraj**

NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



सिद्धि भारत, उन्नत भारत

Roll No: NPTEL22CS122S64070354

To validate the certificate



No. of credits recommended: 3 or 4