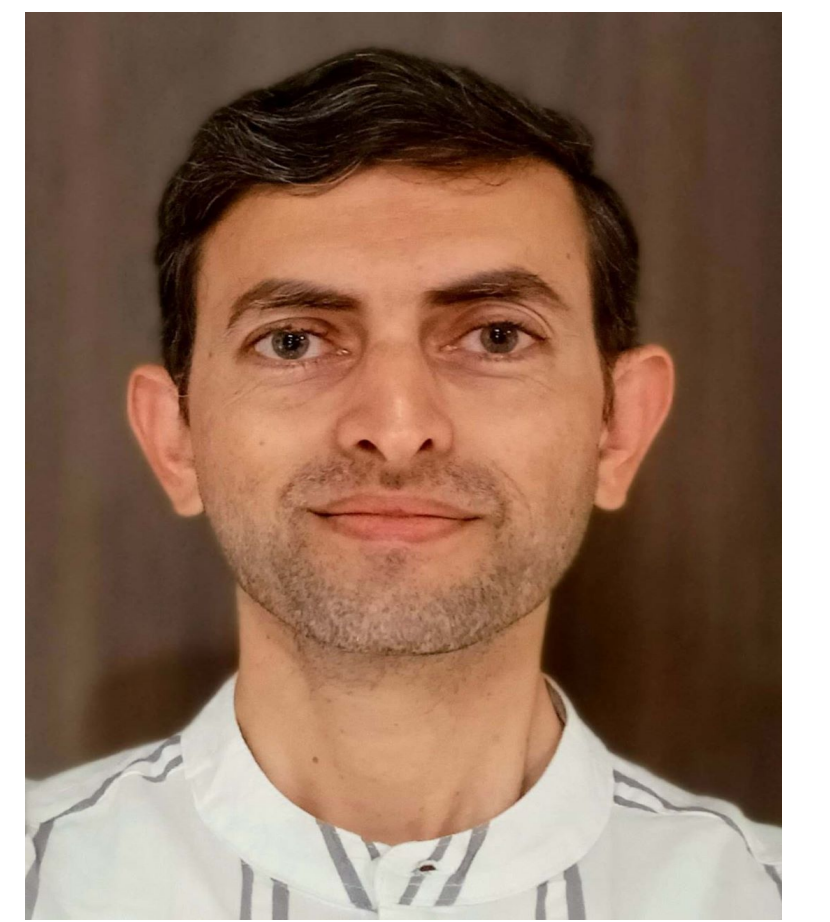




Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**GAUTAM RAVINDRA KARVE**

for successfully completing the course

**Programming, Data Structures and Algorithms using Python**

with a consolidated score of **71** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 24.58/25 | Proctored Exam | 46.16/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **2042**

**Prof. Devendra Jaliha**

Chairperson,

Centre for Outreach and Digital Education, IITM

**Jan-Mar 2024**

**(8 week course)**

**Prof. Andrew Thangaraj**

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL24CS45S548900171

To verify the certificate



No. of credits recommended: 2 or 3