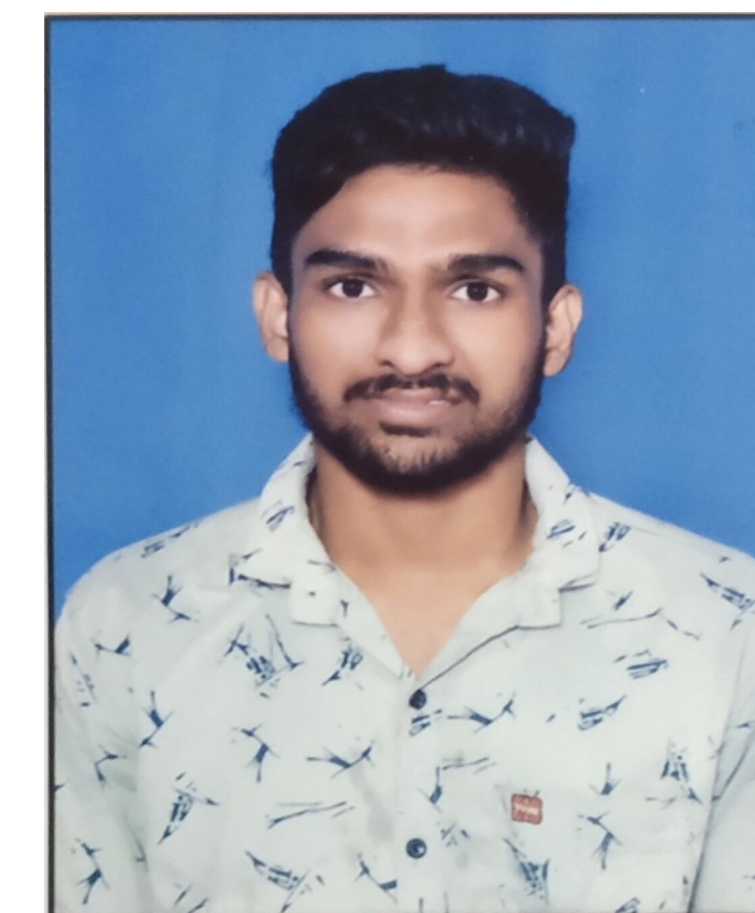




NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

KARANAM AKHIL

for successfully completing the course

The Joy of Computing Using Python

with a consolidated score of **55** %

Online Assignments	24.94/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **16145**

Prof. Devendra Jaliha

Chairperson,

Centre for Outreach and Digital Education, IITM

Jul-Oct 2023

(12 week course)

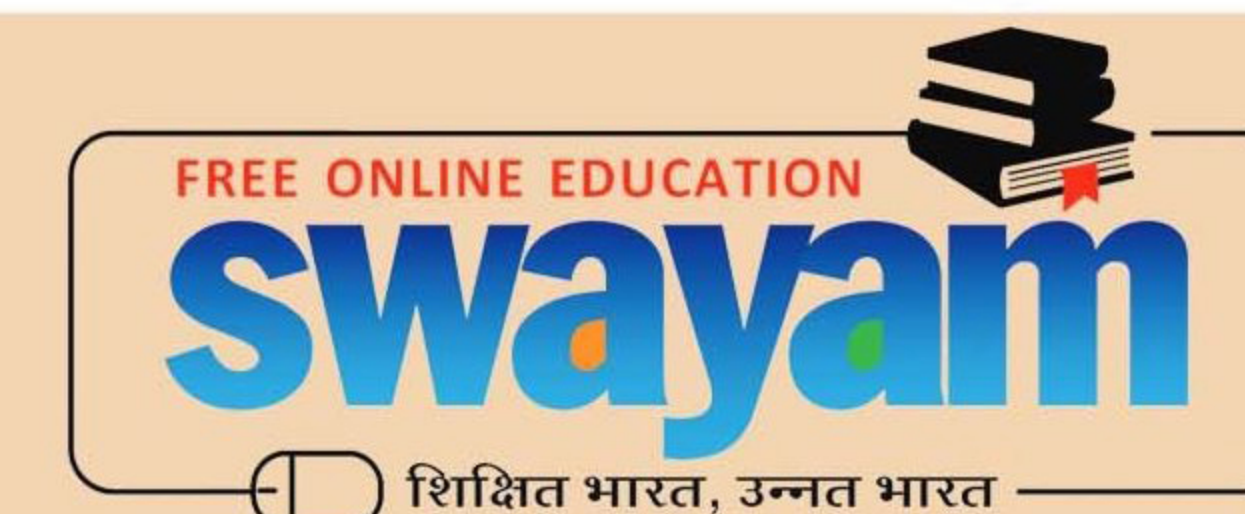
Prof. Andrew Thangaraj

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS108S45020260

To verify the certificate



No. of credits recommended: 3 or 4