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Roll No: NPTEL21CS33S21920070

To  
SATHYABAMA  
ASSOCIATE PROFESSOR, DEPT OF ECE  
THIAGARAJAR COLLEGE OF ENGINEERING  
MADURAI  
TAMILNADU - 625015  
PH. NO :9843394792



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:1

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

**SATHYABAMA**

for successfully completing the course

**Python for Data Science**

with a consolidated score of **66** %

Online Assignments	19.25/25	Programming Exam	17.5/25	Proctored Exam	29/50
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Total number of candidates certified in this course: **1728**

*Devendra Jalihal*

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

Jan-Feb 2021  
(4 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>