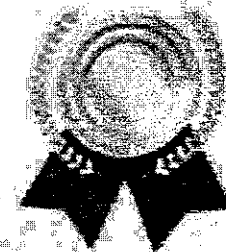


NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
PRIYA DHARSHINI R
for successfully completing the course
Python for Data Science

with a consolidated score of **75** %

Online Assignments	22.5/25	Programming Exam	25/25	Proctored Exam	27.33/50
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Total number of candidates certified in this course: **3390**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education (CCE)

Jan-Feb 2022
(4 week course)

Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras

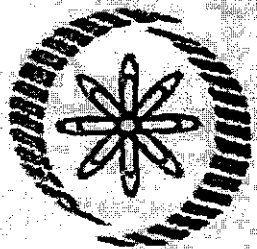


Roll No. NPTEL 220522612300763



PRINCIPAL
AALIM MUHAMMED SALEGH
COLLEGE OF ENGINEERING

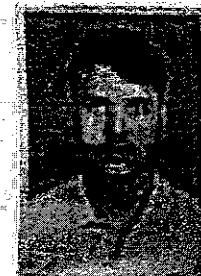
15:56



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

P MOHAMMED ZAIN

for successfully completing the course

Python for Data Science

with a consolidated score of **65** %

Online Assignments	19.17/25	Programming Exam	25/25	Proctored Exam	21/50
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Total number of candidates certified in this course: **3390**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman

Centre for Continuing Education, IITM

Jan-Feb 2022

(4 week course)

Andrew Thangaraj

Prof. Andrew Thangaraj

NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



PRINCIPAL
AALIM MUHAMMED SALEGH
COLLEGE OF ENGINEERING
AVADI, IAF, MUTHAPUDUPET
CHENNAI 600 045



This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CS32533315111

To
KREETHIKA V
15/160, 6TH STREET
UZHAI PALAR NAGAR, PATTABIRAM, CHENNAI-72
CHENNAI
TAMIL NADU - 600072
PH. NO :6369682253



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.



NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

KREETHIKA V

for successfully completing the course

Python for Data Science

with a consolidated score of **75** %

Online Assignments	23.75/25	Programming Exam	25/25	Proctored Exam	26.33/50
--------------------	----------	------------------	-------	----------------	----------

Total number of candidates certified in this course: **3390**

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

Jan-Feb 2022
(4 week course)

Andrew Thangaraj
Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22CS32533315111

To validate and check scores: <https://npTEL.ac.in/npce>



[Signature]
PRINCIPAL
AALIM MUHAMMED SALEGH
COLLEGE OF ENGINEERING

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CS32S43315961

To
FARITHA BANU K
41/19, NADABAI GARDEN STREET
THIRUVOTTIYUR
CHENNAI.
TAMIL NADU - 600019
PH. NO :9080949181



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 MoE, Govt. of India)



This certificate is awarded to

FARITHA BANU K

for successfully completing the course

Python for Data Science

with a consolidated score of **67** %

Online Assignments	21.67/25	Programming Exam	25/25	Proctored Exam	20/50
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Total number of candidates certified in this course: 3390

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Feb 2022
(4 week course)

Andrew Thangaraj
Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras

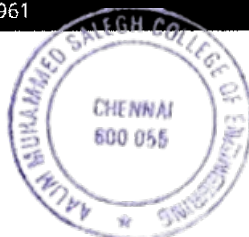


Indian Institute of Technology Madras



Roll No: NPTEL22CS32S43315961

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



PRINCIPAL
AALIM MUHAMMED SALEGH
COLLEGE OF ENGINEERING

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CS32S43315339
To
AFRIN FATHIMA SA
288/A 17 TH GKM COLONY CHENNAI-600082
9 PRAKASH LANE STREET PERAMBUR
CHENNAI
TAMIL NADU - 600082
PH. NO :7358240460



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 MoE, Govt. of India)



This certificate is awarded to

AFRIN FATHIMA SA

for successfully completing the course

Python for Data Science

with a consolidated score of **69** %

Online Assignments	23.75/25	Programming Exam	25/25	Proctored Exam	20/50
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Total number of candidates certified in this course: 3390

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Feb 2022
(4 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22CS32S43315339

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



[Signature]
PRINCIPAL
AALIM MUHAMMED SALEGH
COLLEGE OF ENGINEERING

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CS32S33314985

To
S SATHIYA PRIYA
NO.16, 1ST FLOOR LOGNADHAN STORE
6TH STREET UZHAIPALAR NAGAR, PATTABIRAM
CHENNAI
TAMIL NADU - 600072
PH. NO :7395938053



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 MoE, Govt. of India)



This certificate is awarded to

S SATHIYA PRIYA

for successfully completing the course

Python for Data Science

with a consolidated score of **71** %

Online Assignments	24.58/25	Programming Exam	25/25	Proctored Exam	21.51/50
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Total number of candidates certified in this course: **3390**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Feb 2022
(4 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22CS32S33314985

To validate and check scores: <https://npTEL.ac.in/moc>



PRINCIPAL
AALIM MUHAMMED SALEGH
COLLEGE OF ENGINEERING