

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

Roll No: NPTEL22CS32S43583513

To
ANU KUMARI DUBEY
H NO:8-32,PLOT NO:12,STREET NO:1
HEMANAGAR COLONY,BODUPPAL
HYDERABAD
TELANGANA - 500039
PH. NO :917780478481



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

ANU KUMARI DUBEY

for successfully completing the course

Python for Data Science

with a consolidated score of **68** %

Online Assignments	22.5/25	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



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

Roll No: NPTEL22CS32S43582865

To
KHADAR PASHA
KEESARA
NANDINI NAGAR COLONY
MEDCHAL
TELANGANA - 501301
PH. NO :8328558823



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

KHADAR PASHA

for successfully completing the course

Python for Data Science

with a consolidated score of **70** %

Online Assignments	20/25	Programming Exam	23.25/25	Proctored Exam	26.33/50
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Total number of candidates certified in this course: **3390**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Feb 2022
(4 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



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

Roll No: NPTEL22CS32S43582809

To
PALLAVI KAKARLA
HOUSE NO:1-9-29, BHAGATHSINGH NAGAR
KAMAREDDY
HYDERABAD
TELANGANA - 503111
PH. NO :9346175428



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

PALLAVI KAKARLA

for successfully completing the course

Python for Data Science



with a consolidated score of **75** %

Online Assignments	23.33/25	Programming Exam	25/25	Proctored Exam	27.01/50
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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: NPTEL22CS32S43582809

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

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

Roll No: NPTEL22CS32S33580091

To
KATHI NOAH PAUL
4-9-28/33/1,ST NO 2, HMT NAGAR, NACHARAM
HYDERABAD ,TELANGANA
HYDERABAD
TELANGANA - 500076
PH. NO :7981448526



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

KATHI NOAH PAUL

for successfully completing the course

Python for Data Science



with a consolidated score of **75** %

Online Assignments	20.83/25	Programming Exam	25/25	Proctored Exam	29/50
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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





Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
SIRUPURAM NETHESHA
for successfully completing the course

Programming in Java

with a consolidated score of **71** %

Online Assignments	22.72/25	Programming Assignment	25/25	Proctored Exam	23.34/50
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Total number of candidates certified in this course: **6899**

Jul-Oct 2022
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS102S53694453

To validate the certificate



No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

DEVASANI NIKHITHA

for successfully completing the course

Programming in Java

with a consolidated score of **82** %



Online Assignments	25/25	Programming Assignment	25/25	Proctored Exam	32/50
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Total number of candidates certified in this course: **6899**

Jul-Oct 2022

(12 week course)

Prof. Debjani Chakraborty

Coordinator, NPTEL

IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS102S63693536

To validate the certificate



No. of credits recommended: 3 or 4