

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20CE38S81790034

To
SUBHADEEP MONDAL
S/O MANABENDRA MONDAL, NEAR SHIBANANDA
ASHRAM
P.S. BELDA, PASCHIM MEDINIPUR
BELDA
WEST BENGAL - 721424
PH. NO :7076775280



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:3

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
SUBHADEEP MONDAL
for successfully completing the course



Soil Mechanics/Geotechnical Engineering I

with a consolidated score of **93** %

Online Assignments	23.94/25	Proctored Exam	69/75
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Total number of candidates certified in this course: **281**

Prof. G P Raja Sekhar
Dean, Continuing Education
IIT Kharagpur

Sep-Dec 2020
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL20CE38S81790034

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

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Roll No: NPTEL21CS23S11170031
To
KOUSHIK KUMAR MAITY
VILL-BASANTABATY, P.S.-ARAMBAGH
WEST BENGAL - 712617
PH. NO :7872354291

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:2

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 Ministry of HRD, Govt. of India)



This certificate is awarded to
KOUSHIK KUMAR MAITY
for successfully completing the course

Data Science for Engineers

with a consolidated score of **51** %

Online Assignments	19.46/25	Proctored Exam	31.13/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **1160**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Mar 2021
(8 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. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20EE72S71170093

To
MITRANI GHOSH
12, PORT BLAIR LINE,
SANTIBAZAR, BARRACKPORE
12, PORT BLAIR LINE, SANTIBAZAR,
BARRACKPORE
BARRACKPORE
WEST BENGAL - 700120
PH. NO :8420834258



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:3

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
MITRANI GHOSH
for successfully completing the course



Power System Analysis

with a consolidated score of **83** %

Online Assignments	24.75/25	Proctored Exam	58.5/75
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Total number of candidates certified in this course: 100

Prof. G P Raja Sekhar
Dean, Continuing Education
IIT Kharagpur

Sep-Dec 2020
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20EE90S81170042

To
MITRANI GHOSH
12, PORT BLAIR LINE,
SANTIBAZAR, BARRACKPORE
12, PORT BLAIR LINE, SANTIBAZAR,
BARRACKPORE
BARRACKPORE
WEST BENGAL - 700120
PH. NO :8420834258



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:3

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
MITRANI GHOSH
for successfully completing the course



Control Systems

with a consolidated score of **88** %

Online Assignments	25/25	Proctored Exam	63/75
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Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **606**

Sep-Dec 2020
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



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Roll No: NPTEL21EE07S11170015

To
MITRANI GHOSH
12PORT BLAIR LINE,SANTIBAZAR,BARRACKPORE
WEST BENGAL - 700120
PH. NO :8420834258



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:2

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

MITRANI GHOSH

for successfully completing the course



Analog Circuits

with a consolidated score of **93** %

Online Assignments	24.17/25	Proctored Exam	69/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **275**

Jan-Mar 2021
(8 week course)

Prof. Sridhar Iyer
Head CDEEP & NPTEL Coordinator
IIT Bombay



Indian Institute of Technology Bombay



Roll No:NPTEL21EE07S11170015

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. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20GE22S81730084

To
SAMARENDRA ACHARYA
16, JANAKALYAN ROAD, P.O. NIMTA, KOLKATA
- 49
NEAR NET WORLD
KOLKATA
WEST BENGAL - 700049
PH. NO :9831763346



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:2

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
SAMARENDRA ACHARYA
for successfully completing the course



Introduction to Research

with a consolidated score of **78** %

Online Assignments	23.75/25	Proctored Exam	54.13/75
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Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **1910**

Sep-Nov 2020
(8 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. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20ME65S31730026

To
SAMARENDRA ACHARYA
16, JANAKALYAN ROAD, P.O. NIMTA, KOLKATA
- 49
NEAR NET WORLD
KOLKATA
WEST BENGAL - 700049
PH. NO :9831763346



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:2

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
SAMARENDRA ACHARYA
for successfully completing the course



Advances in Welding and Joining Technologies

with a consolidated score of **88** %

Online Assignments	25.00/25	Proctored Exam	63/75
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Total number of candidates certified in this course: **439**

Sep-Nov 2020
(8 week course)


Prof. Hemant B Kaushik
Head, Centre for Educational Technology
& NPTEL Coordinator
IIT Guwahati



Indian Institute of Technology Guwahati



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL21ME12S11740019

To
SAMARENDRA ACHARYA
16, JANAKALYAN ROAD, P.O. NIMTA,
KOL-49, PIN-700049
KOLKATA
WEST BENGAL - 700049
PH. NO :9831763346



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:2

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

SAMARENDRA ACHARYA

for successfully completing the course



Fundamentals of Welding Science and Technology

with a consolidated score of **83** %

Online Assignments	24.42/25	Proctored Exam	58.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **549**

Jan-Mar 2021
(8 week course)

Prof. Hemant B Kaushik
Head, Center for Educational Technology
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL21MM02S21740068

To
SAMARENDRA ACHARYA
16, JANAKALYAN ROAD, P.O. NIMTA,
KOL-49, PIN-700049
KOLKATA
WEST BENGAL - 700049
PH. NO :9831763346



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:2

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

SAMARENDRA ACHARYA

for successfully completing the course

Theory and Practice of Non Destructive Testing

with a consolidated score of **66** %

Online Assignments	25/25	Proctored Exam	40.5/75
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Total number of candidates certified in this course: **118**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Mar 2021
(8 week course)

Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No:NPTEL21MM02S21740068

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. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20HS43S81010158

To
SAPTARSHI DAS
ROYPARA, MONOHARPUR, DANKUNI, HOOGHLY
WEST BENGAL - 712311
PH. NO :6291647973



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:2

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
SAPTARSHI DAS
for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of **69** %

Online Assignments	23.21/25	Proctored Exam	46.2/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 8393

Prof. Rajesh M. Hegde
Chairman, Centre for Continuing Education
IIT Kanpur

Sep-Nov 2020
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20CS83S61810569

To
SHASHI KALA
BAS BAGAN , NEAR UATTER POLLY CLUB, SHIB
BHATTAK ROAD ,P.O- AGARPARA,
KOLKATA-109,NORTH 24PGS
NEAR JD FURNITURE
KOLKATA
WEST BENGAL - 700109
PH. NO :7890077238



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:3

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

SHASHI KALA

for successfully completing the course

The Joy of Computing using Python

with a consolidated score of **69** %

Online Assignments	24.28/25	Programming Exam	25/25	Proctored Exam	20/50
--------------------	----------	------------------	-------	----------------	-------

Total number of candidates certified in this course: **5563**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Sep-Dec 2020
(12 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. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20CS70S41810324

To
ANKIT SHAW
10/2/1 NASKAR PARA ROAD

GHUSURI
HOWRAH
WEST BENGAL - 711107
PH. NO :9330509853



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:2

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

ANKIT SHAW

for successfully completing the course

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

with a consolidated score of **71** %



Online Assignments	25/25	Programming Exam	25/25	Proctored Exam	21.25/50
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Total number of candidates certified in this course: 1579

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Sep-Nov 2020
(8 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



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Roll No: NPTEL20HS10S21810213

To
ANKIT SHAW
10/2/1 NASKAR PARA ROAD

GHUSURI
HOWRAH
WEST BENGAL - 711107
PH. NO :9330509853



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:2

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

ANKIT SHAW

for successfully completing the course



Enhancing Soft Skills and Personality

with a consolidated score of **82** %

Online Assignments	24.83/25	Proctored Exam	57/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **3466**

Prof. Rajesh M. Hegde

Chairman, Centre for Continuing Education
IIT Kanpur

Prof. Satyaki Roy

NPTEL Coordinator
IIT Kanpur

Feb-Apr 2020
(8 week course)



Indian Institute of Technology Kanpur



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20MG44S81811793

To
ANKIT SHAW
10/2/1 NASKAR PARA ROAD

GHUSURI
HOWRAH
WEST BENGAL - 711107
PH. NO :9330509853



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:2

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

ANKIT SHAW

for successfully completing the course

Ethics in Engineering Practice

with a consolidated score of **60** %

Online Assignments	22.88/25	Proctored Exam	37.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **1013**

Prof. G P Raja Sekhar
Dean, Continuing Education
IIT Kharagpur

Sep-Nov 2020
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



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Roll No: NPTEL21CS23S11170031

To
KOUSHIK KUMAR MAITY
VILL-BASANTABATY, P.S.-ARAMBAGH
WEST BENGAL - 712617
PH. NO :7872354291



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:2

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 Ministry of HRD, Govt. of India)



This certificate is awarded to

KOUSHIK KUMAR MAITY

for successfully completing the course

Data Science for Engineers

with a consolidated score of **51** %

Online Assignments	19.46/25	Proctored Exam	31.13/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **1160**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Mar 2021
(8 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



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Roll No: NPTEL21EE07S11170015

To
MITRANI GHOSH
12PORT BLAIR LINE,SANTIBAZAR,BARRACKPORE
WEST BENGAL - 700120
PH. NO :8420834258



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:2

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

MITRANI GHOSH

for successfully completing the course



Analog Circuits

with a consolidated score of **93** %

Online Assignments	24.17/25	Proctored Exam	69/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **275**

Jan-Mar 2021
(8 week course)

Prof. Sridhar Iyer
Head CDEEP & NPTEL Coordinator
IIT Bombay



Indian Institute of Technology Bombay



Roll No:NPTEL21EE07S11170015

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. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL21ME12S11740019

To
SAMARENDRA ACHARYA
16, JANAKALYAN ROAD, P.O. NIMTA,
KOL-49, PIN-700049
KOLKATA
WEST BENGAL - 700049
PH. NO :9831763346



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:2

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

SAMARENDRA ACHARYA

for successfully completing the course



Fundamentals of Welding Science and Technology

with a consolidated score of **83** %

Online Assignments	24.42/25	Proctored Exam	58.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **549**

Jan-Mar 2021
(8 week course)

Prof. Hemant B Kaushik
Head, Center for Educational Technology
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL21MM02S21740068

To
SAMARENDRA ACHARYA
16, JANAKALYAN ROAD, P.O. NIMTA,
KOL-49, PIN-700049
KOLKATA
WEST BENGAL - 700049
PH. NO :9831763346



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:2

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

SAMARENDRA ACHARYA

for successfully completing the course

Theory and Practice of Non Destructive Testing

with a consolidated score of **66** %

Online Assignments	25/25	Proctored Exam	40.5/75
--------------------	-------	----------------	---------

Total number of candidates certified in this course: **118**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Mar 2021
(8 week course)

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. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL21CS75S24370120

To
SUPRIYO SARKAR
DEBPARA TEA ESTATE
BANARHAT
JALPAIGURI
WEST BENGAL - 735202
PH. NO :8001711202



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:3

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

SUPRIYO SARKAR

for successfully completing the course

The Joy of Computing using Python

with a consolidated score of **70** %

Online Assignments	25/25	Programming Exam	25/25	Proctored Exam	20/50
--------------------	-------	------------------	-------	----------------	-------

Total number of candidates certified in this course: **4694**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jul-Oct 2021
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No:NPTEL21CS75S24370120

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. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL21CS75S24370120

To
SUPRIYO SARKAR
DEBPARA TEA ESTATE
BANARHAT
JALPAIGURI
WEST BENGAL - 735202
PH. NO :8001711202



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:3

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

SUPRIYO SARKAR

for successfully completing the course

The Joy of Computing using Python

with a consolidated score of **70** %

Online Assignments	25/25	Programming Exam	25/25	Proctored Exam	20/50
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Total number of candidates certified in this course: **4694**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jul-Oct 2021
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No:NPTEL21CS75S24370120

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

M UNIVERSITY OF MICHIGAN

Jul 7, 2021

Pratistha Pramanik

has successfully completed

Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance
Clinical Professor, School of Information
University of Michigan

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/M3QTUN25PQUR>

Coursera has confirmed the identity of this individual and their participation in the course.

Certificate of Completion

*This is to certify that **Anchita Das** successfully completed 35 total hours of **Machine Learning & Deep Learning in Python & R** online course on **June 26, 2021***

Start-Tech Academy

Start-Tech Academy, Instructor

&



Certificate no: UC-cd3867f1-de0e-4e9e-944c-28cb4da15a03
Certificate url: ude.my/UC-cd3867f1-de0e-4e9e-944c-28cb4da15a03
Version 3

#BeAble

Certificate of Completion

*This is to certify that **Ramiz Taaseen** successfully completed 8 total hours of **Python Programming - From Basics to Advanced level [2021]** online course on April 15, 2021*

Ed Yoda Digital University

EdYoda Digital University, Instructor

Dipesh Sharma

Dipesh Sharma, Instructor

&



Certificate no: UC-cd570008-a0e1-4715-82c1-63f197c6756a
Certificate url: ude.my/UC-cd570008-a0e1-4715-82c1-63f197c6756a
Version 3

#BeAble

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL21EE07S11170015

To
MITRANI GHOSH
12PORT BLAIR LINE,SANTIBAZAR,BARRACKPORE
WEST BENGAL - 700120
PH. NO :8420834258



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:2

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

MITRANI GHOSH

for successfully completing the course



Analog Circuits

with a consolidated score of **93** %

Online Assignments	24.17/25	Proctored Exam	69/75
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Total number of candidates certified in this course: **275**

Jan-Mar 2021
(8 week course)

Prof. Sridhar Iyer
Head CDEEP & NPTEL Coordinator
IIT Bombay



Indian Institute of Technology Bombay



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20EE90S81170042

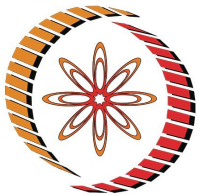
To
MITRANI GHOSH
12, PORT BLAIR LINE,
SANTIBAZAR, BARRACKPORE
12, PORT BLAIR LINE, SANTIBAZAR,
BARRACKPORE
BARRACKPORE
WEST BENGAL - 700120
PH. NO :8420834258



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:3

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
MITRANI GHOSH
for successfully completing the course



Control Systems

with a consolidated score of **88** %

Online Assignments	25/25	Proctored Exam	63/75
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Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **606**

Sep-Dec 2020
(12 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. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20EE72S71170093

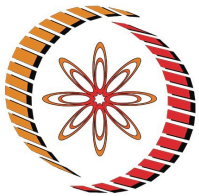
To
MITRANI GHOSH
12, PORT BLAIR LINE,
SANTIBAZAR, BARRACKPORE
12, PORT BLAIR LINE, SANTIBAZAR,
BARRACKPORE
BARRACKPORE
WEST BENGAL - 700120
PH. NO :8420834258



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:3

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
MITRANI GHOSH
for successfully completing the course



Power System Analysis

with a consolidated score of **83** %

Online Assignments	24.75/25	Proctored Exam	58.5/75
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Total number of candidates certified in this course: **100**

Prof. G P Raja Sekhar
Dean, Continuing Education
IIT Kharagpur

Sep-Dec 2020
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Certificate of Completion

*This is to certify that **Ramiz Taaseen** successfully completed 7.5 total hours of **SQL Masterclass: SQL for Data Analytics** online course on April 15, 2021*

Start-Tech Academy

Start-Tech Academy, Instructor

&



Certificate no: UC-2743744b-fd11-417c-b671-02eba251412a
Certificate url: ude.my/UC-2743744b-fd11-417c-b671-02eba251412a
Version 3

#BeAble

Certificate of Completion

*This is to certify that **Ramiz Taaseen** successfully completed 7.5 total hours of **SQL Masterclass: SQL for Data Analytics** online course on April 15, 2021*

Start-Tech Academy

Start-Tech Academy, Instructor

&



Certificate no: UC-2743744b-fd11-417c-b671-02eba251412a
Certificate url: ude.my/UC-2743744b-fd11-417c-b671-02eba251412a
Version 3

#BeAble



Jul 9, 2021

Akash Das

has successfully completed

English for Career Development

an online non-credit course authorized by University of Pennsylvania and offered through Coursera

Brian Mc Manus

Brian McManus
Language Specialist
English Language Programs
University of Pennsylvania

Robyn Turner

Robyn Turner
Senior Language Specialist
English Language Programs

COURSE
CERTIFICATE



Verify at coursera.org/verify/YZ4Q3FABWRTC

Coursera has confirmed the identity of this individual and their participation in the course.

The online course named in this certificate may draw on material from courses taught on-campus, but it is not equivalent to an on-campus course. Participation in this online course does not constitute enrollment at the University of Pennsylvania. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.



4TU Centre for Ethics
and Technology

Jul 8, 2021

Akash Das

has successfully completed

Ethics, Technology and Engineering

an online non-credit course authorized by Eindhoven University of Technology and
4TU.Ethics and offered through Coursera

Lambert Royackers
Associate Professor
Eindhoven University of Technology

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/AT92ZX3U5KAB

Coursera has confirmed the identity of this individual and their
participation in the course.

M UNIVERSITY OF MICHIGAN

Jul 25, 2021

Ankita KarmaKar

has successfully completed

Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance
Clinical Professor, School of Information
University of Michigan

COURSE
CERTIFICATE



Verify at coursera.org/verify/VFQBU7SHKVWB
Coursera has confirmed the identity of this individual and their participation in the course.

M UNIVERSITY OF MICHIGAN

Jul 7, 2021

Biswajit Sarkar

has successfully completed

Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance
Clinical Professor, School of Information
University of Michigan

COURSE
CERTIFICATE



Verify at coursera.org/verify/8BWTHEW26ANE
Coursera has confirmed the identity of this individual and their participation in the course.



4TU Centre for Ethics
and Technology

Jul 23, 2021

Biswajit Sarkar

has successfully completed

Ethics, Technology and Engineering

an online non-credit course authorized by Eindhoven University of Technology and
4TU.Ethics and offered through Coursera

Lambert Royackers
Associate Professor
Eindhoven University of Technology

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/JMV79XGLKG7A

Coursera has confirmed the identity of this individual and their
participation in the course.



Jul 25, 2021

Biswajit Sarkar

has successfully completed

English for Career Development

an online non-credit course authorized by University of Pennsylvania and offered through Coursera

Brian Mc Manus

Brian McManus
Language Specialist
English Language Programs
University of Pennsylvania

Robyn Turner

Robyn Turner
Senior Language Specialist
English Language Programs

COURSE
CERTIFICATE



Verify at coursera.org/verify/8S5F8W2JTXPD

Coursera has confirmed the identity of this individual and their participation in the course.

The online course named in this certificate may draw on material from courses taught on-campus, but it is not equivalent to an on-campus course. Participation in this online course does not constitute enrollment at the University of Pennsylvania. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.



Jul 25, 2021

Pratistha Pramanik

has successfully completed

English for Career Development

an online non-credit course authorized by University of Pennsylvania and offered through Coursera

Brian Mc Manus

Brian McManus
Language Specialist
English Language Programs
University of Pennsylvania

Robyn Turner

Robyn Turner
Senior Language Specialist
English Language Programs

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/8V444LEZT8XP

Coursera has confirmed the identity of this individual and their participation in the course.

The online course named in this certificate may draw on material from courses taught on-campus, but it is not equivalent to an on-campus course. Participation in this online course does not constitute enrollment at the University of Pennsylvania. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.



4TU Centre for Ethics
and Technology

Jul 23, 2021

Pratistha Pramanik

has successfully completed

Ethics, Technology and Engineering

an online non-credit course authorized by Eindhoven University of Technology and
4TU.Ethics and offered through Coursera

Lambert Royackers
Associate Professor
Eindhoven University of Technology

COURSE CERTIFICATE



Verify at coursera.org/verify/KUVLCTD9S9W9

Coursera has confirmed the identity of this individual and their
participation in the course.



Jul 7, 2021

Pratistha Pramanik

has successfully completed

Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera

A handwritten signature in black ink, appearing to read 'Charles', followed by a horizontal line.

Charles Severance
Clinical Professor, School of Information
University of Michigan

COURSE
CERTIFICATE



Verify at coursera.org/verify/M3QTUN25PQUR
Coursera has confirmed the identity of this individual and their participation in the course.

M UNIVERSITY OF MICHIGAN

Jul 6, 2021

Akash Das

has successfully completed

Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance
Clinical Professor, School of Information
University of Michigan

COURSE
CERTIFICATE



Verify at coursera.org/verify/EGXFM4AX2YDT
Coursera has confirmed the identity of this individual and their participation in the course.

M UNIVERSITY OF MICHIGAN

Jul 25, 2021

Sayan Roy

has successfully completed

Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance
Clinical Professor, School of Information
University of Michigan

COURSE
CERTIFICATE



Verify at coursera.org/verify/VQVN5CXW3JU8
Coursera has confirmed the identity of this individual and their participation in the course.



May 9, 2021

Tamal Pan

has successfully completed

Java Programming: Solving Problems with Software

an online non-credit course authorized by Duke University and offered through Coursera

Four handwritten signatures in black ink, arranged horizontally from left to right.

Susan H. Rodgers, Owen Astrachan, Andrew D. Hilton, Robert Duvall

COURSE
CERTIFICATE



Verify at coursera.org/verify/GSEX4RLMUT3U

Coursera has confirmed the identity of this individual and their participation in the course.

May 30, 2021

Tamal Pan

has successfully completed

Introduction to Programming with MATLAB

an online non-credit course authorized by Vanderbilt University and offered through
Coursera

COURSE
CERTIFICATE



Handwritten signature of Akos Ledeczki in black ink.

Akos Ledeczki, Ph.D.
Professor
Computer Engineering, Computer Science, and
Electrical Engineering

Handwritten signature of J. Michael Fitzpatrick in black ink.

J. Michael Fitzpatrick, PhD
Professor Emeritus
Computer Science, Computer Engineering, Electrical Engineering, Neurosurgery, and Radiology

Verify at coursera.org/verify/J2KVZAWB7LJ3
Coursera has confirmed the identity of this individual and their
participation in the course.

Yale

Jun 11, 2021

Tamal Pan

has successfully completed

Moralities of Everyday Life

an online non-credit course authorized by Yale University and offered through Coursera



Paul Bloom
Brooks and Suzanne Ragen Professor of Psychology
Yale University

COURSE
CERTIFICATE



Verify at coursera.org/verify/K8CWWVDK2BBH
Coursera has confirmed the identity of this individual and their
participation in the course.

Certificate of Completion

*This is to certify that **Ramiz Taaseen** successfully completed 4 total hours of **HTML & CSS - Certification Course for Beginners** online course on April 15, 2021*

Kiran Gavali

Kiran Gavali, Instructor

&



Certificate no: UC-f44f8197-3c78-4f33-bc48-338f7b0ee8b3
Certificate url: [ude.my/UC-f44f8197-3c78-4f33-bc48-338f7b0ee8b3](https://www.udemy.com/certificate/UC-f44f8197-3c78-4f33-bc48-338f7b0ee8b3)
Version 3

#BeAble

Stanford | ONLINE

Jan 11, 2020

Ankit Shaw

has successfully completed

Understanding Einstein: The Special Theory of Relativity

an online non-credit course authorized by Stanford University and offered through Coursera



Larry Randles Lagerstrom, Ph.D.
Stanford University

COURSE
CERTIFICATE



Verify at:
coursera.org/verify/L3R6PMVVC5B

Coursera has confirmed the identity of this individual and their participation in the course.

Certificate of Completion

*This is to certify that **Ramiz Taaseen** successfully completed 8 total hours of **Python Programming - From Basics to Advanced level [2021]** online course on April 15, 2021*

Ed Yoda Digital University

EdYoda Digital University, Instructor

Dipesh Sharma

Dipesh Sharma, Instructor

&



Certificate no: UC-cd570008-a0e1-4715-82c1-63f197c6756a
Certificate url: ude.my/UC-cd570008-a0e1-4715-82c1-63f197c6756a
Version 3

#BeAble