

Dr.AMBEDKAR INSTITUTE OF TECHNOLOGY
DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

The Enclosed documents are verified and approved



HOD,ISE
HEAD

Dept. of Information Science & Engg.
Dr. Ambedkar Institute of Technology
Bangalore-560 099.

**Dr. Ambedkar Institute of Technology
Bangalore**



B.E

Department Of Information Science and Engineering

VALUE ADDED COURSES (MOOC CERTIFICATES)

Sl.NO	Student Name	NPTEL COURSE/Coursara	DURATION
1	MAHENDRA R	Cryptography and Network Security	Jan-Apr 2021
2	Prajwal K	Cryptography and Network Security	Jan-Apr 2021
3	Rakshitraj N	Machine Learning for all	32 Hours Nov 2022
4	Shama Ponnappa A	Programming, Data Structures And Algorithms Using Python	Jul-Sept 2021
5	Nayana K N	Python for Data Science	Jan-feb 2020
6	Rakshit R	Python for Data Science	Jan-feb 2020
7	Mahantesh H	Python for Data Science	Jan-feb 2020
8	Sahana P V	Python for Data Science	Jan-feb 2020
9	Shitanshu Ranjan srivastav	Python for Data Science	Jan-feb 2020
10	Sukesh M	Python for Data Science	Jan-feb 2020
11	Rahul Ranjan	Python for Data Science	Jan-feb 2020
12	Shreyas M	Python for Data Science	Jan-feb 2020
13	Priyanka D Hosmani	Python for Data Science	Jan-feb 2020
14	Sujith S	Python for Data Science	Jan-feb 2020
15	Surya C	Python for Data Science	Jan-feb 2020
16	Pranjal	Python for Data Science	Jan-feb 2020

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: NPTEL21CS16523235667
To
MAHENDRA R
INTURAYANAHALLI
VALLUR POST
PAVAGADA, TUMKURU
KARNATAKA - 572136
PH. NO :9832572843



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
MAHENDRA R
for successfully completing the course

Cryptography and Network Security

with a consolidated score of **68** %

Online Assignments	23.44/25	Proctored Exam	45/75
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Total number of candidates certified in this course: 279


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

Jan-Apr 2021
(12 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL21CS16523235667

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: NPTEL21CS16S23235664

To
PRAJWAL K
#575, SHIVA NILAYA
NEAR GOVT SCHOOL, VEERSANDRA
BANGLORE
KARNATAKA - 560100
PH. NO :776665100



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

PRAJWAL K

for successfully completing the course

Cryptography and Network Security

with a consolidated score of **60** %

Online Assignments	23.44/25	Proctored Exam	37/75
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Total number of candidates certified in this course: 279


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

Jan-Apr 2021
(12 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No NPTEL21CS16S23235664

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

5. CERTIFICATE



6. OUTCOME OF THE COURSE

In this course we learnt to understand the basic idea of machine learning, even if we don't have any background in math or programming. Not only that, we will get hands on and use user friendly tools developed at Goldsmiths, University of London to actually do a machine learning project: training a computer to recognise images.

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: NPTEL21CS67523191683

To
SHAMA PONNAPPA A
12B, 4TH CROSS, 3RD STAGE,
VINAYAKA LAYOUT, VIJAYANAGAR
BENGALURU
KARNATAKA - 560040
PH. NO :9448440495

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

SHAMA PONNAPPA A

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	20.52/50
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Total number of candidates certified in this course: 1199

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jul-Sep 2021
(8 week course)

Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL21CS67523191683

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: NPTEL20CS3651435070

To
NAYANA K N
#25, SRI VENKATESHWARA NILAYA, 12TH CROSS
KARANJIKATTE, NEAR BABA SCHOOL KOLAR
KOLAR
KARNATAKA-563101
PH. NO :6361908896



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 Ministry of HRD, Govt. of India)



This certificate is awarded to

NAYANA K N

for passing the course

Python for Data Science

with Score* 72 %

Covid-19
impacted
January 2020
semester

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Feb 2020
(4 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



*Continuous online assessment score

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: NPTEL20CS36S1218198

To
RAKSHITH R
#2076,2ND FLOOR,30TH CROSS,60 FEET
ROAD,D GROUP LAYOUT
NAGARBHAVI 2ND STAGE
BANGALORE URBAN DISTRICT
KARNATAKA - 560091
PH. NO :9900248238



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 Ministry of HRD, Govt. of India)



This certificate is awarded to

RAKSHITH R

for passing the course

Python for Data Science

with Score* **87** %



Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Feb 2020
(4 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



*Continuous online assessment score

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: NPTEL20CS36S1215369

To
MAHANTHESHA H
ANNEHALL BHOVICOLNY ANNEHALL (P)
CHITRADURGA TD
VILLAGE
CHITRADURGA
KARNATAKA - 577555
PH. NO :7892469924



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 Ministry of HRD, Govt. of India)



This certificate is awarded to
MAHANTHESHA H
for passing the course

Python for Data Science

with Score* 73 %

Covid-19
impacted
January 2020
semester

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Feb 2020
(4 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



*Continuous online assessment score

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: NPTEL20CS3651306250
To SAHANA P V
#422, I T I LAYOUT 3RD PHASE, OPPOSITE
TO RAJARAJESHWARI ARCH, 1ST MAIN ROAD
BANGALORE
BANGALORE URBAN DISTRICT
KARNATAKA - 560039
PH. NO :6362207852



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 Ministry of HRD, Govt. of India)



This certificate is awarded to

SAHANA P V

for passing the course

Python for Data Science

with Score* **90** %

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Feb 2020
(4 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



*Continuous online assessment score

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

Activity

MOOC courses

Picture

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: NPTEL20CS3651361395
To SHITANSHU RANJAN SRIVASTAV
214RADIANT REDWOOD APARTMENT, BEGUR
KOPPA ROAD, YELLENAHALLI
BANGALURU
BANGALORE URBAN DISTRICT
KARNATAKA - 560068
PH. NO :7483950019



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 Ministry of HRD, Govt. of India)



This certificate is awarded to
SHITANSHU RANJAN SRIVASTAV
for passing the course
Python for Data Science
with Score* 92 %



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

Jan-Feb 2020
(4 week course)

Andrew Thangaraj
Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



*Continuous online assessment score

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: NPTEL20CS3651346881

To
SUKESH M
#64,3RD CROSS, 5TH BLOCK NEAR KLE
COLLAGE,NAGARABHAVI 2ND STAGE
BANGALORE
BANGALORE URBAN DISTRICT
KARNATAKA - 560072
PH. NO :8660986258



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 Ministry of HRD, Govt. of India)



This certificate is awarded to

SUKESH M

for passing the course

Python for Data Science

with Score* **82** %

Covid-19
Impacted
January 2020
semester

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Feb 2020
(4 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



*Continuous online assessment score

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: NPTEL20CS36S1888023
To RAHUL RAJAN
582, 12TH MAIN KENGUNTE, MALLATHALLI
LAKE ROAD
BANGALORE
BANGALORE URBAN DISTRICT
KARNATAKA - 560056
PH. NO :9549882198



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 Ministry of HRD, Govt. of India)



This certificate is awarded to

RAHUL RAJAN

for passing the course

Python for Data Science

with Score* 59 %



Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Feb 2020
(4 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



*Continuous online assessment score

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: NPTEL20CS36S1334763
To
SHREYAS M
#5212,20TH MAIN , 1ST A
CROSS, MARENAHALLI, VIJAYNAGAR
BENGALURU
BANGALORE URBAN DISTRICT
KARNATAKA - 560040
PH. NO :9066722406



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 Ministry of HRD, Govt. of India)



This certificate is awarded to

SHREYAS M

for passing the course

Python for Data Science

with Score* **72 %**



Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Feb 2020
(4 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



*Continuous online assessment score

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

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Roll No: NPTEL20CS3651320849
To
PRIYANKA D HOSMANI
45,2ND MAIN ROAD,3RD STAGE,3RD BLOCK,
BASVESHWAR NAGAR,BANGALORE 79
BANGALORE
CHIKMAGALUR
KARNATAKA - 560079
PH. NO :6363043832



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 Ministry of HRD, Govt. of India)



This certificate is awarded to

PRIYANKA D HOSMANI

for passing the course

Python for Data Science

with Score* 90 %



Devendra Jalihal

Prof. Devendra Jalihal

Chairman
Centre for Continuing Education, IITM

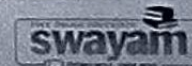
Jan-Feb 2020
(4 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



*Continuous online assessment score

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



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

Sujith S

for passing the course

Python for Data Science

with Score* **70 %**



Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Feb 2020
(4 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



*Continuous online assessment score

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

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: NPTEL20CS36S1545116

To
SURYA C
E544 3RD A CROSS MUNESHWARA LAYOUT
LAGGERE BLORESH
LAGGERE
BANGALORE RURAL DISTRICT
KARNATAKA - 560058
PH. NO :9035409878



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 Ministry of HRD, Govt. of India)



This certificate is awarded to

SURYA C

for passing the course

Python for Data Science

with Score* 70 %



Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Feb 2020
(4 week course)

Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



*Continuous online assessment score

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



NPTEL Online Certification

of National Institute of Technology, Gandhinagar, Hyderabad



The certificate is awarded to

PRADYUMN

for completing course

Python for Data Science

with Credit **3.0**

Signature of the Head

Prof. [Name]
[Title]
[Institution]

[Name]
[Title]
[Institution]

Signature of the Head
Prof. [Name]
[Title]
[Institution]



National Institute of Technology, Gandhinagar, Hyderabad

NPTEL