

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: NPTEL20BT32S52440022

To
AMRITA D G
SHREE
PARAMESHWARAM, T.C. 47/3003(4), VANİYATH
LANE, MUDAVANMUGAL, POOJAPPURA. P.O., THIRUVANANTHAPURAM
SHREESHYALM, MYTHRI
54, T.C. 17/1540(1), CHENGALLOOR, POOJAPPURA. P.O., THIRUVANANTHAPURAM

THIRUVANANTHAPURAM
KERALA - 695012
PH. NO : 7306479285



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

AMRITA D G

for successfully completing the course

Genetic Engineering: Theory and Application

with a consolidated score of **70** %

Online Assignments	19.94/25	Proctored Exam	49.88/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **342**

Sep-Dec 2020
(12 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: NPTEL20BT43S72440255

To
AMRITA D G
SHREE
PARAMESHWARAM, T.C. 47/3003(4), VANİYATH
LANE, MUDAVANMUGAL, POOJAPPURA. P.O., THIRUVANANTHAPURAM
SHREESHYALM, MYTHRI
54, T.C. 17/1540(1), CHENGALLOOR, POOJAPPURA. P.O., THIRUVANANTHAPURAM

THIRUVANANTHAPURAM
KERALA - 695012
PH. NO : 7306479285

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

AMRITA D G

for successfully completing the course

Immunology

with a consolidated score of **69** %

Online Assignments	21.88/25	Proctored Exam	47.25/75
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Total number of candidates certified in this course: **352**

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: NPTEL20ME50S62440048

To
ABHIJITH H
VISHNU VIHAR TC 50/530, MARUTHOORKADAVU
KALADY, KARAMANA, P O
THIRUVANANTHAPURAM
KERALA - 695002
PH. NO :8129712636



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

ABHIJITH H

for successfully completing the course

Rapid Manufacturing

with a consolidated score of **72** %

Online Assignments	25.00/25	Proctored Exam	46.5/75
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Total number of candidates certified in this course: **764**

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

Sep-Dec 2020
(12 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL20ME50S62440048

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: NPTEL20BT43S72440270

To
ABHIRAMI AB
RADHA NIVAS
TC 24/1506, THYCAUD PO
TRIVANDRUM
KERALA - 695014
PH. NO :7025413711



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

ABHIRAMI AB

for successfully completing the course

Immunology

with a consolidated score of **78** %

Online Assignments	23.13/25	Proctored Exam	54.75/75
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Total number of candidates certified in this course: **352**

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: NPTEL20CE17S12440066

To
ABHIRAMI AB
RADHA NIVAS
TC 24/1506, THYCAUD PO
TRIVANDRUM
KERALA - 695014
PH. NO :7025413711



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

ABHIRAMI AB

for successfully completing the course

Applied Environmental Microbiology

with a consolidated score of **70** %

Online Assignments	21.53/25	Proctored Exam	48.44/75
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Total number of candidates certified in this course: **60**

Prof. V. C. Srivastava
Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Apr 2020
(12 week course)

Prof. Inderdeep Singh
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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: NPTEL20CS66S82440050

To
ABHIRAMI KANIYADI
2G, SFS PATTOM SQUARE
MARAPALAM, PATTOM
TRIVANDRUM
KERALA - 695004
PH. NO :9946219100



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
ABHIRAMI KANIYADI
for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **67** %

Online Assignments	22.28/25	Proctored Exam	45/75
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Total number of candidates certified in this course: **4785**

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: NPTEL20ME50S61820019

To
ABHISHEK H
ANJANAM
EDAKULANGARA (PO), KARUNAGAPPALLY, KOLLAM
DISTRICT, KERALA, INDIA
KARUNAGAPPALLY
KERALA - 690523
PH. NO :9496305705



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

ABHISHEK H

for successfully completing the course

Rapid Manufacturing

with a consolidated score of **69** %

Online Assignments	25.00/25	Proctored Exam	43.5/75
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Total number of candidates certified in this course: **764**

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

Sep-Dec 2020
(12 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: NPTEL20ME50S52440000

To
ADVAITH J J
ADVAITHAM, PONNEDUTHAKUZZHI
URIACODE P O
THIRUVANANTHAPURAM
KERALA - 695543
PH. NO :9846679375



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

ADVAITH J J

for successfully completing the course



Rapid Manufacturing

with a consolidated score of **78** %

Online Assignments	25.00/25	Proctored Exam	52.81/75
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Total number of candidates certified in this course: **764**

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

Sep-Dec 2020
(12 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: NPTEL20CS83S52440297

To
AISHWARYA G
SREYAS,SNRA 167,SWATHY NAGAR
PAIPPINMOODU,PEROORKADA P O
TRIVANDRUM
KERALA - 695005
PH. NO :9207320963



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

AISHWARYA G

for successfully completing the course

The Joy of Computing using Python

with a consolidated score of **82** %

Online Assignments	25/25	Programming Exam	25/25	Proctored Exam	32/50
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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: NPTEL20ME50S52440017

To
AKHIL A S
GRA F-56, SREENILAYAM, GANDHIPURAM
SREEKARYAM P.O.
TRIVANDRUM
KERALA - 695017
PH. NO :9744795887



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

AKHIL A S

for successfully completing the course



Rapid Manufacturing

with a consolidated score of **79** %

Online Assignments	25.00/25	Proctored Exam	54.34/75
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Total number of candidates certified in this course: **764**

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

Sep-Dec 2020
(12 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: NPTEL20ME67S82440015

To
AKHIL A S
GRA F-56, SREENILAYAM, GANDHIPURAM
SREEKARYAM P.O.
TRIVANDRUM
KERALA - 695017
PH. NO :9744795887



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

AKHIL A S

for successfully completing the course

Fundamentals of Manufacturing Processes

with a consolidated score of **69** %

Online Assignments	15.31/25	Proctored Exam	54/75
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Total number of candidates certified in this course: **649**

Prof. V. C. Srivastava

Coordinator, Continuing Education Centre
IIT Roorkee

Sep-Dec 2020
(12 week course)

Prof. Inderdeep Singh

NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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: NPTEL20ME50S52440019

To
AKSHAY S
TC 40/342 (1)
"SRUTHI", SECOND PUTHEN STREET
TRIVANDRUM
KERALA - 695009
PH. NO :8078966505



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

AKSHAY S

for successfully completing the course

Rapid Manufacturing

with a consolidated score of **70** %

Online Assignments	25.00/25	Proctored Exam	45.15/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **764**

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

Sep-Dec 2020
(12 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL20ME50S52440019

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: NPTEL20ME67S82440031

To
AKSHAY S
TC 40/342 (1)
"SRUTHI", SECOND PUTHEN STREET
TRIVANDRUM
KERALA - 695009
PH. NO :8078966505



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

AKSHAY S

for successfully completing the course

Fundamentals of Manufacturing Processes

with a consolidated score of **62** %

Online Assignments	12.19/25	Proctored Exam	49.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **649**

Prof. V. C. Srivastava

Coordinator, Continuing Education Centre
IIT Roorkee

Sep-Dec 2020
(12 week course)

Prof. Inderdeep Singh

NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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: NPTEL20CS83S52440116

To
AKSHITA R NAIR
TC 6/2292(8), AVANTHIKA, KUNDAMONBHAGOM
VATTIYOORCAVU PO, THIRUVANANTHAPURAM
THIRUVANANTHAPURAM
KERALA - 695013
PH. NO :9567158441



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

AKSHITA R NAIR

for successfully completing the course

The Joy of Computing using Python

with a consolidated score of **83** %

Online Assignments	24/25	Programming Exam	25/25	Proctored Exam	34/50
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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



Roll No: NPTEL20CS83S52440116

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: NPTEL20ME50S52440021

To
AL AMEEN M R
DARUL HUDA, TC 51/2924(2)
JUDGES AVENUE, NEW KARAKKAMANDAPAM
THIRUVANANTHAPURAM
KERALA - 695019
PH. NO :9074417974



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

AL AMEEN M R

for successfully completing the course

Rapid Manufacturing

with a consolidated score of **75** %

Online Assignments	25.00/25	Proctored Exam	49.75/75
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Total number of candidates certified in this course: **764**

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

Sep-Dec 2020
(12 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL20ME50S52440021

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: NPTEL20ME67S82440037

To
AL AMEEN M R
DARUL HUDA, TC 51/2924(2)
JUDGES AVENUE, NEW KARAKKAMANDAPAM
THIRUVANANTHAPURAM
KERALA - 695019
PH. NO :9074417974



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

AL AMEEN M R

for successfully completing the course



Fundamentals of Manufacturing Processes

with a consolidated score of **82** %

Online Assignments	20.94/25	Proctored Exam	61.5/75
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Total number of candidates certified in this course: **649**

Prof. V. C. Srivastava

Coordinator, Continuing Education Centre
IIT Roorkee

Sep-Dec 2020
(12 week course)

Prof. Inderdeep Singh

NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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: NPTEL20BT10S12440026

To
ALEENA CYRIAC
THAZHATHUVEETIL HOUSE
KANNOOTH P.O ,KODENCHERRY VIA
KOZHIKODE
KERALA - 673580
PH. NO :9562387010



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

ALEENA CYRIAC

for successfully completing the course

Bio-Informatics : Algorithms and Applications

with a consolidated score of **63** %

Online Assignments	19.69/25	Proctored Exam	42.86/75
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Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **49**

Jan-Apr 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: NPTEL20BT43S82440075

To
ALEENA CYRIAC
THAZHATHUVEETIL HOUSE
KANNOOTH P.O ,KODENCHERRY VIA
KOZHIKODE
KERALA - 673580
PH. NO :9562387010



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

ALEENA CYRIAC

for successfully completing the course

Immunology

with a consolidated score of **72** %

Online Assignments	22.50/25	Proctored Exam	49.5/75
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Total number of candidates certified in this course: **352**

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: NPTEL20CS66S82440009

To
ALEX ROY
TC-30/1630/1, PRIYADARSINI,
PALLIMUKKU,PETTAH P.O
PALLIMUKKU-MEDICAL COLLAGE ONE WAY, NEAR
PRIYA DIAGNOSTICS CENTRE
TRIVANDRUM-24
14 - 695024
PH. NO :7736486320



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.



NPTEL Online Certification

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



This certificate is awarded to

ALEX ROY

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **53** %

Online Assignments	22.50/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **4785**

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: NPTEL20CS83S52440177

To
ALEX ROY
TC-30/1630/1, PRIYADARSINI,
PALLIMUKKU,PETTAH P.O
PALLIMUKKU-MEDICAL COLLAGE ONE WAY, NEAR
PRIYA DIAGNOSTICS CENTRE
TRIVANDRUM-24
14 - 695024
PH. NO :7736486320



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

ALEX ROY

for successfully completing the course

The Joy of Computing using Python

with a consolidated score of **82** %

Online Assignments	24.66/25	Programming Exam	25/25	Proctored Exam	32/50
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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



Roll No: NPTEL20CS83S52440177

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: NPTEL20BT10S12440047

To
ALICIA NYLA LEWIS
LEE-DALE, EDA- KOCHI 682010 ERNAKULAM
LEE DALE, EDA- KOCHI 682010 ERNAKULAM
EDAKOCHI
KERALA - 682010
PH. NO :9947158329



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
ALICIA NYLA LEWIS
for successfully completing the course

Bio-Informatics : Algorithms and Applications

with a consolidated score of **71** %

Online Assignments	20.00/25	Proctored Exam	50.51/75
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Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **49**

Jan-Apr 2020
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20BT10S12440047

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: NPTEL20BT43S82440084

To
ALICIA NYLA LEWIS
LEE-DALE, EDA- KOCHI 682010 ERNAKULAM
LEE DALE, EDA- KOCHI 682010 ERNAKULAM
EDAKOCHI
KERALA - 682010
PH. NO :9947158329



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
ALICIA NYLA LEWIS
for successfully completing the course

Immunology

with a consolidated score of **67** %

Online Assignments	23.13/25	Proctored Exam	43.5/75
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Total number of candidates certified in this course: **352**

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: NPTEL20CS66S71830342

To
AMAL SAJI
EDAYADIL
ERUMBADAM, CHINNAR P.O, ELAPPARA, IDUKKI
IDUKKI
KERALA - 685501
PH. NO :7559966360



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

AMAL SAJI

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **62** %

Online Assignments	22.50/25	Proctored Exam	39/75
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Total number of candidates certified in this course: **4785**

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: NPTEL20CS83S61830012

To
AMAL SAJI
EDAYADIL
ERUMBADAM, CHINNAR P.O, ELAPPARA, IDUKKI
IDUKKI
KERALA - 685501
PH. NO :7559966360



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

AMAL SAJI

for successfully completing the course

The Joy of Computing using Python

with a consolidated score of **82** %

Online Assignments	24.81/25	Programming Exam	25/25	Proctored Exam	32.29/50
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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: NPTEL20ME70S72090081

To
AMIT R
VISHNUPRIYA, DEVI NAGAR
CHITTOOR ROAD, MANAPPULLIKAVU
PALAKKAD
KERALA - 678013
PH. NO :9446596295



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
AMIT R
for successfully completing the course



Work System Design

with a consolidated score of **98** %

Online Assignments	24.69/25	Proctored Exam	73.5/75
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Total number of candidates certified in this course: **538**

Prof. V. C. Srivastava
Coordinator, Continuing Education Centre
IIT Roorkee

Sep-Dec 2020
(12 week course)

Prof. Inderdeep Singh
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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: NPTEL20BT43S71830232

To
MEENAKSHI MAHESH
KAILAS HOUSE, THAZHAKARA PO
MAVELIKARA
ALAPPUZHA
KERALA - 690102
PH. NO :8943571534



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
MEENAKSHI MAHESH
for successfully completing the course



Immunology

with a consolidated score of **75** %

Online Assignments	22.16/25	Proctored Exam	52.5/75
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Total number of candidates certified in this course: **352**

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: NPTEL20CE17S11830084

To
MEENAKSHI MAHESH
KAILAS HOUSE, THAZHAKARA PO
MAVELIKARA
ALAPPUZHA
KERALA - 690102
PH. NO :8943571534



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
MEENAKSHI MAHESH
for successfully completing the course

Applied Environmental Microbiology

with a consolidated score of **71** %

Online Assignments	22.31/25	Proctored Exam	49.13/75
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Total number of candidates certified in this course: **60**

Prof. V. C. Srivastava
Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Apr 2020
(12 week course)

Prof. Inderdeep Singh
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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: NPTEL20BT43S82440013

To
AMY THOMAS
KP2 609A, SRA 130, KIZHAKKEVEETIL,
KURISSADI JUNCTION, NALANCHIRA
TRIVANDRUM
KERALA - 695015
PH. NO :8156877175



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

AMY THOMAS

for successfully completing the course



Immunology

with a consolidated score of **76** %

Online Assignments	21.53/25	Proctored Exam	54/75
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Total number of candidates certified in this course: **352**

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: NPTEL20CE17S12440120

To
AMY THOMAS
KP2 609A, SRA 130, KIZHAKKEVEETIL,
KURISSADI JUNCTION, NALANCHIRA
TRIVANDRUM
KERALA - 695015
PH. NO :8156877175



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

AMY THOMAS

for successfully completing the course

Applied Environmental Microbiology

with a consolidated score of **70** %

Online Assignments	22.66/25	Proctored Exam	46.88/75
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Total number of candidates certified in this course: **60**

Prof. V. C. Srivastava
Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Apr 2020
(12 week course)

Prof. Inderdeep Singh
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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: NPTEL20ME50S52440231

To
ANANTHU GOPAKUMAR
TC 25/25-1, "THIRUVATHIRA", GNRA 65
KALPALAYAM LANE, PUTHENCHANTHAI, GPO
THIRUVANANTHAPURAM
KERALA - 695001
PH. NO :8921552353



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
ANANTHU GOPAKUMAR
for successfully completing the course

Rapid Manufacturing

with a consolidated score of **73** %

Online Assignments	25.00/25	Proctored Exam	48.22/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **764**

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

Sep-Dec 2020
(12 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: NPTEL20BT10S11830081

To
ANASWARA A N
NADUVILAPARBIL KARIKKAD P O
THANNEERMUKKOM
CHERTHALA ALAPPUZHA
ALAPPUZHA
KERALA - 688527
PH. NO :8606807600



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.



NPTEL Online Certification

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



This certificate is awarded to

ANASWARA A N

for successfully completing the course

Bio-Informatics : Algorithms and Applications

with a consolidated score of **46** %

Online Assignments	12.81/25	Proctored Exam	33.68/75
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Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **49**

Jan-Apr 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: NPTEL20CE17S21830108

To
ANASWARA A N
NADUVILAPARBIL KARIKKAD P O
THANNEERMUKKOM
CHERTHALA ALAPPUZHA
ALAPPUZHA
KERALA - 688527
PH. NO :8606807600



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.



NPTEL Online Certification

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



This certificate is awarded to

ANASWARA A N

for successfully completing the course

Applied Environmental Microbiology

with a consolidated score of **47** %

Online Assignments	14.97/25	Proctored Exam	31.59/75
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Total number of candidates certified in this course: **60**

Prof. V. C. Srivastava

Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Apr 2020
(12 week course)

Prof. Inderdeep Singh

NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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: NPTEL20PH24S52440006

To
ANJALI A S
SREE BHADRA THALAYAL, BALARAMAPURAM
KERALA - 695501
PH. NO :7994026645



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.



NPTEL Online Certification

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



This certificate is awarded to

ANJALI A S

for successfully completing the course

Semiconductor Optoelectronics

with a consolidated score of **58** %

Online Assignments	20.31/25	Proctored Exam	37.5/75
--------------------	----------	----------------	---------

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **223**

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: NPTEL20BT10S12440103

To
ANJANA KRISHNAN A S
KRISHNENDHU PEROORKONAM
SREEKARYAM TRIVANDRUM
SREEKARYAM
KERALA - 695017
PH. NO :9497713019



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.



NPTEL Online Certification

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



This certificate is awarded to
ANJANA KRISHNAN A S
for successfully completing the course

Bio-Informatics : Algorithms and Applications

with a consolidated score of **57** %

Online Assignments	17.50/25	Proctored Exam	39.8/75
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Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **49**

Jan-Apr 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: NPTEL20BT43S82440030

To
ANJANA KRISHNAN A S
KRISHNENDHU PEROORKONAM
SREEKARYAM TRIVANDRUM
SREEKARYAM
KERALA - 695017
PH. NO :9497713019



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
ANJANA KRISHNAN A S
for successfully completing the course

Immunology

with a consolidated score of **65** %

Online Assignments	23.13/25	Proctored Exam	42/75
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Total number of candidates certified in this course: **352**

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: NPTEL20CS83S62440126

To
ANN RESHMA SATHEESH
SANGEETH, TC 34/713, ILIPPODE,
VATTIYOORKAVU P.O ,TRIVANDRUM-695013
KERALA - 695013
PH. NO :9645401060



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

ANN RESHMA SATHEESH

for successfully completing the course

The Joy of Computing using Python

with a consolidated score of **71** %



Online Assignments	24.91/25	Programming Exam	25/25	Proctored Exam	20.84/50
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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: NPTEL20CS83S62440010

To
APARNA A N
TC 20/50(34), "NEELANJANAM", PREM NAGAR,
KARAMANA P.O, THIRUVANANTHAPURAM -
695002
KERALA - 695002
PH. NO :7907770762



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

APARNA A N

for successfully completing the course

The Joy of Computing using Python

with a consolidated score of **74** %

Online Assignments	25/25	Programming Exam	25/25	Proctored Exam	23.96/50
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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: NPTEL20CS83S62440130

To
ARDRA RAJAN
SAPHALYAM , TC-37/1717 ,PLRA-143
,PLAVODE
KODUNGANOOR P O ,VATTIYOORKAVU
THIRUVANANTHAPURAM
KERALA - 695013
PH. NO :8848684905



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

ARDRA RAJAN

for successfully completing the course

The Joy of Computing using Python

with a consolidated score of **79** %



Online Assignments	24.94/25	Programming Exam	25/25	Proctored Exam	29.17/50
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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



Roll No: NPTEL20CS83S62440130

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: NPTEL20ME44S21940046

To
ARJUN M
UTHRADAM, SIVAJI NAGAR , BALLA P.O,VIA
ANANDASHRAM,
KASARGOD DISTRICT,KERALA
KANHANGAD
KERALA - 671531
PH. NO :9544420708



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

ARJUN M

for successfully completing the course

Computer Integrated Manufacturing

with a consolidated score of **73** %

Online Assignments	25.00/25	Proctored Exam	48/75
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Total number of candidates certified in this course: 199

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

Jan-Apr 2020
(12 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: NPTEL20MM20S52440259

To
ARJUN LALIT
FLAT NO: 14-E, SERENADE APARTMENTS
PLAMOODU, PATTOM
THIRUVANANTHAPURAM
KERALA - 695004
PH. NO :8330043360



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

ARJUN LALIT

for successfully completing the course

Energy Conservation and Waste Heat Recovery

with a consolidated score of **70** %

Online Assignments	23.16/25	Proctored Exam	46.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **83**

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: NPTEL20ME50S52440023

To
ARSHA S SHAJI
SERENE, TC 30/64 (2)
R SUGATHAN ROAD, ANAYARA P.O.
THIRUVANANTHAPURAM
KERALA - 695029
PH. NO :9400940577



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
ARSHA S SHAJI
for successfully completing the course



Rapid Manufacturing

with a consolidated score of **79** %

Online Assignments	25.00/25	Proctored Exam	54.34/75
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Total number of candidates certified in this course: **764**

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

Sep-Dec 2020
(12 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL20ME50S52440023

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: NPTEL20CS62S62440044

To
ASWATHY B
AMBADI, PRAKKULAM
THRIKKARUVA
KOLLAM
14 - 691602
PH. NO :7356074977



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.



NPTEL Online Certification

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



This certificate is awarded to
ASWATHY B
for successfully completing the course

Deep Learning

with a consolidated score of **57** %

Online Assignments	16.53/25	Proctored Exam	40.5/75
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Total number of candidates certified in this course: **500**

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: NPTEL20CS80S42440150

To
A ASWATHY MEENA
TC 64/1107, KARTHIKA
KARUMOM P.O
TRIVANDRUM
KERALA - 695002
PH. NO :9447251558



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

A ASWATHY MEENA

for successfully completing the course

Python for Data Science

with a consolidated score of **69** %



Online Assignments	20.67/25	Programming Exam	21.75/25	Proctored Exam	26.78/50
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Total number of candidates certified in this course: 2008

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Sep-Oct 2020
(4 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20CS80S42440150

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: NPTEL20ME69S42440098

To
ASHOK ASWIN
PRAKRUTHI
AVANEESWARAM R S P. O
KUNNICODE
KERALA - 691508
PH. NO :7034343655



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
ASHOK ASWIN

for successfully completing the course



Product Design and Development

with a consolidated score of **95** %

Online Assignments	24.17/25	Proctored Exam	70.5/75
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Total number of candidates certified in this course: **926**

Prof. V. C. Srivastava
Coordinator, Continuing Education Centre
IIT Roorkee

Sep-Oct 2020
(4 week course)

Prof. Inderdeep Singh
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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: NPTEL20ME50S52440025

To
ASWIN A S
POOVANNARATHALA VEEDU ,
KAVALAKULAM, KODANGAVILA P.O
NEYYATTINKARA
KERALA - 695123
PH. NO :8138094757



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

ASWIN A S

for successfully completing the course

Rapid Manufacturing

with a consolidated score of **78** %

Online Assignments	25.00/25	Proctored Exam	52.81/75
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Total number of candidates certified in this course: **764**

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

Sep-Dec 2020
(12 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: NPTEL20ME50S52440246

To
ASWIN S WARRIER
VARIKKOLIL WARIYAM
KANNIMELMURI, CHEPPAD.P.O
HARIPAD,ALAPPUZHA
KERALA - 690507
PH. NO :8281610699



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

ASWIN S WARRIER

for successfully completing the course

Rapid Manufacturing

with a consolidated score of **70** %

Online Assignments	25.00/25	Proctored Exam	45.15/75
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Total number of candidates certified in this course: **764**

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

Sep-Dec 2020
(12 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL20ME50S52440246

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: NPTEL20ME68S52440058

To
NANDAN B
TC 24/891 NEAR INDUS MOTORS METTUKADA
THYCAUD THIRUVANANTHAPURAM 695014 KERALA
TC 24/891 BNRA 53A METTUKADA THYCAUD
TVM-14
THIRUVANANTHAPURAM
KERALA - 695014
PH. NO :9645903662



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

NANDAN B

for successfully completing the course

Fundamentals of Surface Engineering: Mechanisms, Processes and Characterizations

with a consolidated score of **63** %

Online Assignments	23.75/25	Proctored Exam	39/75
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Total number of candidates certified in this course: **52**

Prof. V. C. Srivastava

Coordinator, Continuing Education Centre
IIT Roorkee

Sep-Dec 2020
(12 week course)

Prof. Inderdeep Singh

NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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: NPTEL20BT34S71300224

To
CHANDANA M S
VILANGIL HOUSE
MUYIPPOTH P.O
VADAKARA
KERALA - 673524
PH. NO :6238909328



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

CHANDANA M S

for successfully completing the course



Plant Cell Bioprocessing

with a consolidated score of **90** %

Online Assignments	21.46/25	Proctored Exam	69/75
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Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **144**

Sep-Nov 2020
(8 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20BT34S71300224

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: NPTEL20BT10S22440019

To
KIZHAKHE MUNDIYAT CHITRA
H.NO 23/1943C, ROY VELIVIL ROAD
H.NO 23/1943C, ROY VELIVIL ROAD
KOCHI
KERALA - 682507
PH. NO :7356508628



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
KIZHAKHE MUNDIYAT CHITRA
for successfully completing the course

Bio-Informatics : Algorithms and Applications

with a consolidated score of **68** %

Online Assignments	20.00/25	Proctored Exam	48/75
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Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **49**

Jan-Apr 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: NPTEL20BT43S82440107

To
KIZHAKHE MUNDIYAT CHITRA
H.NO 23/1943C, ROY VELIVIL ROAD
KERALA - 682507
PH. NO :7356508628



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
KIZHAKHE MUNDIYAT CHITRA
for successfully completing the course

Immunology

with a consolidated score of **73** %

Online Assignments	23.13/25	Proctored Exam	50.25/75
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Total number of candidates certified in this course: **352**

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: NPTEL20ME50S52440027

To
DEEPSHIKHA NAIR
G-1/2, THAMBURU,
CHITRA NAGAR, NEAR C.P.T., VATTIYOORKAVU
THIRUVANANTHAPURAM
KERALA - 695013
PH. NO :8075603370



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
DEEPSHIKHA NAIR
for successfully completing the course



Rapid Manufacturing

with a consolidated score of **81** %

Online Assignments	25.00/25	Proctored Exam	55.87/75
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Total number of candidates certified in this course: **764**

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

Sep-Dec 2020
(12 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL20ME50S52440027

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: NPTEL20CS66S82440301

To
DEVIKA THAMPI T
MGRA-29, REVATHY, MAHARAJAS LANE, ANAYARA
P. O., THIRUVANANTHAPURAM
KERALA, 695029
TRIVANDRUM
KERALA - 695029
PH. NO : 7025816971



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
DEVIKA THAMPI T
for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **72** %

Online Assignments	22.09/25	Proctored Exam	49.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **4785**

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: NPTEL20PH24S52440055

To
DEVU U S
USHAS, VENNIYOOR
VENGANOOR P O
THIRUVANANTHAPURAM
KERALA - 695523
PH. NO :9495508750



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.



NPTEL Online Certification

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



This certificate is awarded to

DEVU U S

for successfully completing the course

Semiconductor Optoelectronics

with a consolidated score of **58** %

Online Assignments	20.00/25	Proctored Exam	37.5/75
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Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **223**

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: NPTEL20ME50S52440029

To
DHANUSH M L
AISWARYA, SCTRA-64, METHODU LANE
THAMALAM, POOJAPPURA P.O.
TRIVANDRUM
KERALA - 695012
PH. NO :8078023359



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

DHANUSH M L

for successfully completing the course

Rapid Manufacturing

with a consolidated score of **78** %

Online Assignments	25.00/25	Proctored Exam	52.81/75
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Total number of candidates certified in this course: **764**

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

Sep-Dec 2020
(12 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: NPTEL20ME50S52440278

To
AKHIL ELDHO
ARAKKUDY (H) VALAYANCHIRANGARA (PO)
VALAYANCHIRANGARA
ERNAKULAM
PULLUVAZHY - 683556
PH. NO :9544947253



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
AKHIL ELDHO
for successfully completing the course



Rapid Manufacturing

with a consolidated score of **75** %

Online Assignments	24.69/25	Proctored Exam	50.75/75
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Total number of candidates certified in this course: **764**

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

Sep-Dec 2020
(12 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: NPTEL20CS78S51830220

To
ELZA CHERIAN
A201, GULMOHAR ENCLAVE, IIITDM
KANCHEEPURAM CAMPUS, OFF VANDARLUR
KELAMBAKKAM ROAD, CHENNAI 600127
TAMIL NADU - 600127
PH. NO :8848754203



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

ELZA CHERIAN

for successfully completing the course

Social Networks

with a consolidated score of **79** %

Online Assignments	25.00/25	Proctored Exam	54/75
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Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **1975**

Sep-Dec 2020
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20CS78S51830220

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: NPTEL20CS83S61830054

To
ELZA CHERIAN
A201, GULMOHAR ENCLAVE, IIITDM
KANCHEEPURAM CAMPUS, OFF VANDARLUR
KELAMBAKKAM ROAD, CHENNAI 600127
TAMIL NADU - 600127
PH. NO :8848754203



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

ELZA CHERIAN

for successfully completing the course

The Joy of Computing using Python

with a consolidated score of **84** %



Online Assignments	24.75/25	Programming Exam	25/25	Proctored Exam	34.38/50
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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: NPTEL20CS62S62440200

To
GAUTHAM PRADEEP
NEST, KUNJUVEEDU GARDENS
KARAYKAMANDAPAM, NEMOM
TRIVANDRUM
KERALA - 695018
PH. NO :8075214248



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.



NPTEL Online Certification

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



This certificate is awarded to
GAUTHAM PRADEEP
for successfully completing the course

Deep Learning

with a consolidated score of **42** %

Online Assignments	11.72/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **500**

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: NPTEL20ME50S52440003

To
GIRIKRISHNAN S
NANDANAM, MANNAMKONAM, KULATHUMMEL,
KATTAKADA, PO
KERALA - 695572
PH. NO :9180753052



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
GIRIKRISHNAN S
for successfully completing the course



Rapid Manufacturing

with a consolidated score of **81** %

Online Assignments	25.00/25	Proctored Exam	55.87/75
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Total number of candidates certified in this course: **764**

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

Sep-Dec 2020
(12 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL20ME50S52440003

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: NPTEL20ME40S22440045

To
GOKUL G
GOKULATHIL, TC 36/69, KERA 141, KARALI
ROAD,
EANCHAKKAL, VALLAKKADAVU P.O, TRIVANDRUM
TRIVANDRUM
KERALA - 695008
PH. NO :6282594858



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

GOKUL G

for successfully completing the course

Fundamentals of Nuclear Power Generation

with a consolidated score of **70** %

Online Assignments	17.31/25	Proctored Exam	52.5/75
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Total number of candidates certified in this course: **31**

Jan-Apr 2020
(12 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: NPTEL20ME54S52440175

To
GOKUL G
GOKULATHIL, TC 36/69, KERA 141, KARALI
ROAD,
EANCHAKKAL, VALLAKKADAVU P.O, TRIVANDRUM
TRIVANDRUM
KERALA - 695008
PH. NO :6282594858



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.



NPTEL Online Certification

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



This certificate is awarded to

GOKUL G

for successfully completing the course

Advanced Fluid Mechanics

with a consolidated score of **56** %

Online Assignments	21.03/25	Proctored Exam	35.25/75
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Total number of candidates certified in this course: **218**

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: NPTEL20CS66S82440316

To
GOKUL M S
TC 37/1899 (3), GANJIRA, APRA 86,
WEST FORT, FORT P.O., THIRUVANANTHAPURAM
THIRUVANANTHAPURAM
KERALA - 695023
PH. NO :8139867078



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.



NPTEL Online Certification

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



This certificate is awarded to
GOKUL M S
for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **53** %

Online Assignments	22.50/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **4785**

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: NPTEL20CS83S62440143

To
GOKUL M S
TC 37/1899 (3), GANJIRA, APRA 86,
WEST FORT, FORT P.O., THIRUVANANTHAPURAM
THIRUVANANTHAPURAM
KERALA - 695023
PH. NO :8139867078



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

GOKUL M S

for successfully completing the course

The Joy of Computing using Python

with a consolidated score of **88** %



Online Assignments	24.66/25	Programming Exam	25/25	Proctored Exam	38.54/50
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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



Roll No: NPTEL20CS83S62440143

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: NPTEL20ME50S52440031

To
GS ANAND
PRA-41, CHAITHRAM
PUNNAKKAMUGAL, AARAMADA P.O.
TRIVANDRUM
KERALA - 695032
PH. NO :9562979029



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
GS ANAND
for successfully completing the course



Rapid Manufacturing

with a consolidated score of **93** %

Online Assignments	25.00/25	Proctored Exam	68.12/75
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Total number of candidates certified in this course: **764**

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

Sep-Dec 2020
(12 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: NPTEL20BT40S41820116

To
HARICHAND A S
VAISHNAVAM, NELLETEL PO , EDAYADI,
BHOOTHAKULAM
PARAVUR
KOLLAM
KERELA - 691302
PH. NO :9061589263



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

HARICHAND A S

for successfully completing the course

Functional Genomics

with a consolidated score of **69** %

Online Assignments	19.17/25	Proctored Exam	49.5/75
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Total number of candidates certified in this course: 420

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

Sep-Oct 2020
(4 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: NPTEL20CS83S62440024

To
HARINANDAN P UNNITHAN
MUTTETTU HOUSE,
PALAMEL, KUDASSANAD, ALAPPUZHA
KUDASSANAD
KERALA - 689512
PH. NO :6238256542



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

HARINANDAN P UNNITHAN

for successfully completing the course

The Joy of Computing using Python

with a consolidated score of **83** %



Online Assignments	24.59/25	Programming Exam	25/25	Proctored Exam	33.34/50
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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



Roll No: NPTEL20CS83S62440024

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: NPTEL20ME50S52440005

To
HARIPRASAD U P
N R SADANAM
MURIYANKARA PARASSALA P O
THIRUVANANTHAPURAM
KERALA - 695502
PH. NO :7994518341



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
HARIPRASAD U P
for successfully completing the course

Rapid Manufacturing

with a consolidated score of **78** %

Online Assignments	25.00/25	Proctored Exam	52.81/75
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Total number of candidates certified in this course: **764**

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

Sep-Dec 2020
(12 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: NPTEL20ME83S32440099

To
HARIPRASAD U P
N R SADANAM
MURIYANKARA PARASSALA P O
THIRUVANANTHAPURAM
KERALA - 695502
PH. NO :7994518341



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

HARIPRASAD U P

for successfully completing the course

Selection of Nanomaterials for Energy Harvesting and Storage Application

with a consolidated score of **74** %

Online Assignments	24.17/25	Proctored Exam	49.5/75
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Total number of candidates certified in this course: **224**

Prof. V. C. Srivastava

Coordinator, Continuing Education Centre
IIT Roorkee

Sep-Oct 2020
(4 week course)

Prof. Inderdeep Singh

NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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: NPTEL20CS83S62440028

To
HARSHA S SAJAI
PUTHENVEEDU KEERTHANAM
THOTTABHAGAM P O, THIRUVALLA,
PATHANAMTHITTA
THIRUVALLA
KERALA - 689541
PH. NO :9447820856



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

HARSHA S SAJAI

for successfully completing the course

The Joy of Computing using Python

with a consolidated score of **70** %

Online Assignments	23.41/25	Programming Exam	25/25	Proctored Exam	21.88/50
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Total number of candidates certified in this course: **5563**

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Sep-Dec 2020
(12 week course)

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: NPTEL20ME50S52440007

To
HITHA KRISHNAN
RADHABHAVAN
AJAYAPURAM, PANAYAMUTTOM P O
THIRUVANANTHAPURAM
KERALA - 695561
PH. NO :7510866120



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
HITHA KRISHNAN
for successfully completing the course



Rapid Manufacturing

with a consolidated score of **87** %

Online Assignments	25.00/25	Proctored Exam	61.99/75
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Total number of candidates certified in this course: **764**

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

Sep-Dec 2020
(12 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: NPTEL20ME67S72440159

To
HITHA KRISHNAN
RADHABHAVAN
AJAYAPURAM, PANAYAMUTTOM P O
THIRUVANANTHAPURAM
KERALA - 695561
PH. NO :7510866120



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
HITHA KRISHNAN
for successfully completing the course



Fundamentals of Manufacturing Processes

with a consolidated score of **76** %

Online Assignments	20.63/25	Proctored Exam	55.5/75
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Total number of candidates certified in this course: **649**

Prof. V. C. Srivastava
Coordinator, Continuing Education Centre
IIT Roorkee

Sep-Dec 2020
(12 week course)

Prof. Inderdeep Singh
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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: NPTEL20DE13S52440073

To
ISUDHEEN I S
476, NIYAS HOSTEL, KARAKKAMANDAPAM
NEMOM P.O
THIRUVANANTHAPURAM
KERALA - 695020
PH. NO :9539958180



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

ISUDHEEN I S

for successfully completing the course

Design, Technology and Innovation

with a consolidated score of **75** %

Online Assignments	20.30/25	Proctored Exam	54.99/75
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Total number of candidates certified in this course: **214**

Sep-Nov 2020
(8 week course)

Prof. Sridhar Iyer
Head, CDEEP & NPTEL Coordinator
IIT Bombay



Indian Institute of Technology Bombay



Roll No: NPTEL20DE13S52440073

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: NPTEL20CS83S62440030

To
JESLIN B JAMES
BETHEL THEKKEMADATHIL
THRIPPERUMTHURA P.O. CHENNITHALA
MAVELIKARA
KERALA - 690105
PH. NO :6235354780



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

JESLIN B JAMES

for successfully completing the course

The Joy of Computing using Python

with a consolidated score of **90** %

Online Assignments	25/25	Programming Exam	25/25	Proctored Exam	39.59/50
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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



Roll No: NPTEL20CS83S62440030

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: NPTEL20MM20S52440072

To
JIBIN JACOB JOY
KULANGARA PUTHEN VEEDU
BENEDICT NAGAR , NALANCHIRA ,
TRIVANDRUM-15
TRIVANDRUM
KERALA - 695015
PH. NO :9400833576



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

JIBIN JACOB JOY

for successfully completing the course

Energy Conservation and Waste Heat Recovery

with a consolidated score of **65** %

Online Assignments	23.03/25	Proctored Exam	42/75
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Total number of candidates certified in this course: **83**

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: NPTEL20ME50S52440033

To
JIB MATHEW A
OTTAPLAMOOTIL VEEDU,
KUNNARAVILA, MUNDAIKONAM, MUTTADA PO
THIRUVANANTHAPURAM
KERALA - 695025
PH. NO :9074280209



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

JIB MATHEW A

for successfully completing the course

Rapid Manufacturing

with a consolidated score of **82** %

Online Assignments	25.00/25	Proctored Exam	57.4/75
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Total number of candidates certified in this course: **764**

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

Sep-Dec 2020
(12 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: NPTEL20ME50S52440035

To
JIJIN LAL V B
KUPPAVILAKATHU VEEDU
KEEZHKOLLA, VATTAVILA P O
THIRUVANANTHAPURAM
KERALA - 695132
PH. NO :9847118398



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

JIJIN LAL V B

for successfully completing the course

Rapid Manufacturing

with a consolidated score of **73** %

Online Assignments	25.00/25	Proctored Exam	48.22/75
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Total number of candidates certified in this course: **764**

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

Sep-Dec 2020
(12 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: NPTEL20BT43S72440094

To
JISHNA M
JITHU BHAVAN
KEEZHAIKONAM
VENJARAMOODU
KERALA - 695607
PH. NO :9496131323



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.



NPTEL Online Certification

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



This certificate is awarded to

JISHNA M

for successfully completing the course

Immunology

with a consolidated score of **57** %

Online Assignments	22.50/25	Proctored Exam	34.5/75
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Total number of candidates certified in this course: **352**

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: NPTEL20CE17S22440027

To
JISHNA M
JITHU BHAVAN
KEEZHAIKONAM
VENJARAMOODU
KERALA - 695607
PH. NO :9496131323



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

JISHNA M

for successfully completing the course

Applied Environmental Microbiology

with a consolidated score of **65** %

Online Assignments	22.59/25	Proctored Exam	42.41/75
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Total number of candidates certified in this course: **60**

Prof. V. C. Srivastava

Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Apr 2020
(12 week course)

Prof. Inderdeep Singh

NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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: NPTEL20ME50S52440293

To
JOBIN VARGHESE
MULACKAL HOUSE
NANNUVAKKADU, PATHANAMTHITTA P.O
PATHANAMTHITTA
KERALA - 689645
PH. NO :7909196271



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
JOBIN VARGHESE
for successfully completing the course



Rapid Manufacturing

with a consolidated score of **87** %

Online Assignments	25.00/25	Proctored Exam	61.99/75
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Total number of candidates certified in this course: **764**

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

Sep-Dec 2020
(12 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: NPTEL20ME58S81830276

To
JUSTINE JOSEPH
KEEZHANGATTU HOUSE, MANNAR
KADUTRHURUHTY
KOTTAYAM
KERALA - 686604
PH. NO :8848359695



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

JUSTINE JOSEPH

for successfully completing the course

Automation in Manufacturing

with a consolidated score of **73** %

Online Assignments	24.69/25	Proctored Exam	48/75
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Total number of candidates certified in this course: **1136**

Sep-Dec 2020
(12 week course)


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



Indian Institute of Technology Guwahati



Roll No: NPTEL20ME58S81830276

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: NPTEL20ME69S31830154

To
JUSTINE JOSEPH
KEEZHANGATTU HOUSE, MANNAR
KADUTRHURUHTY
KOTTAYAM
KERALA - 686604
PH. NO :8848359695



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

JUSTINE JOSEPH

for successfully completing the course

Product Design and Development

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: **926**

Prof. V. C. Srivastava

Coordinator, Continuing Education Centre
IIT Roorkee

Sep-Oct 2020
(4 week course)

Prof. Inderdeep Singh

NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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: NPTEL20CS83S62440153

To
KARTHIKA C RAVEENDRAN
SIVASAKTHI, T.C-14/1386
BAKERY JUNCTION, THYCAUD P.O
THIRUVANANTHAPURAM
KERALA - 695014
PH. NO :8289914158



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

KARTHIKA C RAVEENDRAN

for successfully completing the course

The Joy of Computing using Python

with a consolidated score of **77** %



Online Assignments	24.91/25	Programming Exam	25/25	Proctored Exam	27.09/50
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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



Roll No: NPTEL20CS83S62440153

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: NPTEL20ME50S52440300

To
K BHAGAVATH KUMAR
T C 50/367, LEKSHMI NIVAS
KALADY, KARAMANA P O
THIRUVANANTHAPURAM
KERALA - 695002
PH. NO :6282757636



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
K BHAGAVATH KUMAR
for successfully completing the course



Rapid Manufacturing

with a consolidated score of **79** %

Online Assignments	25.00/25	Proctored Exam	54.34/75
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Total number of candidates certified in this course: **764**

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

Sep-Dec 2020
(12 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: NPTEL20MM20S52440121

To
S KRISHNA PRASAD
ERAVILA VEEDU, KERA-30, KOTTAMUGAL
NALANCHIRA P.O, TVPM-15
THIRUVANANTHAPURAM
KERALA - 695015
PH. NO : 9447462275



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
S KRISHNA PRASAD
for successfully completing the course

Energy Conservation and Waste Heat Recovery

with a consolidated score of **68** %

Online Assignments	22.84/25	Proctored Exam	45/75
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Total number of candidates certified in this course: **83**

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: NPTEL20ME50S52440039

To
HARI SANKAR R T
T.C 29/396, SIVOHAM
KAVARADI ROAD, PETTAH
THIRUVANANTHAPURAM
KERALA - 695024
PH. NO :8921364624



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

HARI SANKAR R T

for successfully completing the course

Rapid Manufacturing

with a consolidated score of **72** %

Online Assignments	25.00/25	Proctored Exam	46.68/75
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Total number of candidates certified in this course: **764**

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

Sep-Dec 2020
(12 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: NPTEL20CS66S82440339

To
MEERA M NAIR
TC 29/1420(1),CRA 107,APPOOPAN KOVIL
ROAD,PALKULANGARA,PETTAH
TRIVANDRUM,KERALA
TRIVANDRUM
KERALA - 695024
PH. NO :9074349595



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

MEERA M NAIR

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **66** %

Online Assignments	22.28/25	Proctored Exam	43.5/75
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Total number of candidates certified in this course: **4785**

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: NPTEL20ME50S52440041

To
NANDU G J
GOKULAM, MARTHOOR
NEAR RAILWAY STATION, NEYYATTINKARA P O
TRIVANDRUM
KERALA - 695121
PH. NO :8921670696



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

NANDU G J

for successfully completing the course

Rapid Manufacturing

with a consolidated score of **85** %

Online Assignments	25.00/25	Proctored Exam	60.46/75
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Total number of candidates certified in this course: **764**

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

Sep-Dec 2020
(12 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: NPTEL20CS80S42440196

To
POOJA P S
P S LAND, NEAR JANAKI HOSPITAL
CHEKKALAVILAKOM, KADAKKAVOOR
THIRUVANANTHAPURAM
KERALA - 695306
PH. NO : 7012789463



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

POOJA P S

for successfully completing the course

Python for Data Science

with a consolidated score of **71** %



Online Assignments	20.67/25	Programming Exam	18.25/25	Proctored Exam	31.74/50
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Total number of candidates certified in this course: 2008

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

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

Roll No: NPTEL20ME50S52440043

To
PRANAV A
TC 19/2367 AJITHANILAYA 33 MSP NAGAR
THIRUMALA
TRIVANDRUM
KERALA - 695006
PH. NO :8606294521



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
PRANAV A
for successfully completing the course



Rapid Manufacturing

with a consolidated score of **87** %

Online Assignments	25.00/25	Proctored Exam	61.99/75
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Total number of candidates certified in this course: **764**

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

Sep-Dec 2020
(12 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: NPTEL20ME50S52440045

To
VIVEK P
ARA F79, PRASANNANILAYAM
PUNNAKKAMUGHAL ROAD, ARAMADA P.O.
TRIVANDRUM
KERALA - 695032
PH. NO :8606475144



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

VIVEK P

for successfully completing the course

Rapid Manufacturing

with a consolidated score of **90** %

Online Assignments	25.00/25	Proctored Exam	64.52/75
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Total number of candidates certified in this course: **764**

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

Sep-Dec 2020
(12 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: NPTEL20BT34S72440356

To
PRIYANKA M
TC 20/51(2), PNRA-35, FIRST FLOOR
PREM NAGAR
THIRUVANANTHAPURAM
KERALA - 695002
PH. NO :9061517388



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

PRIYANKA M

for successfully completing the course

Plant Cell Bioprocessing

with a consolidated score of **81** %

Online Assignments	21.58/25	Proctored Exam	59.25/75
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Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **144**

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: NPTEL20PH24S52440196

To
RAHUL R
KP3/167A, URA 25, NEAR VILIPPATTU MADOM
NALANCHIRA
THIRUVANANTHAPURAM
KERALA - 695015
PH. NO :6238682265



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

RAHUL R

for successfully completing the course

Semiconductor Optoelectronics

with a consolidated score of **68** %

Online Assignments	22.81/25	Proctored Exam	45/75
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Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **223**

Sep-Dec 2020
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20PH24S52440196

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: NPTEL20ME69S31830219

To
RAHAN RAJ
KULANADA THEKKETHIL
KULANADA PO
PANDALAM
KERALA - 689503
PH. NO :7025595634



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

RAHAN RAJ

for successfully completing the course



Product Design and Development

with a consolidated score of **94** %

Online Assignments	23.33/25	Proctored Exam	70.5/75
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Total number of candidates certified in this course: **926**

Prof. V. C. Srivastava

Coordinator, Continuing Education Centre
IIT Roorkee

Sep-Oct 2020
(4 week course)

Prof. Inderdeep Singh

NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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: NPTEL20BT10S22440047

To
RESHMA U R
TC 28/2126 FRA-14
PADMAVILASOM STREET, FORT PO
ATTAKULANGARA
KERALA - 695023
PH. NO :8848996911



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

RESHMA U R

for successfully completing the course

Bio-Informatics : Algorithms and Applications

with a consolidated score of **72** %

Online Assignments	20.94/25	Proctored Exam	51/75
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Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **49**

Jan-Apr 2020
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20BT10S22440047

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: NPTEL20BT43S82440262

To
RESHMA U R
TC 28/2126 FRA-14
PADMAVILASOM STREET, FORT PO
ATTAKULANGARA
KERALA - 695023
PH. NO :8848996911



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

RESHMA U R

for successfully completing the course

Immunology

with a consolidated score of **72** %

Online Assignments	23.13/25	Proctored Exam	48.75/75
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Total number of candidates certified in this course: **352**

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: NPTEL20BT10S21420141

To
ROHIT S PRASAD
KARUVALLIL HOUSE
VYPIN PADI
VAIKOM
KERALA - 686141
PH. NO :9182819170



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

ROHIT S PRASAD

for successfully completing the course



Bio-Informatics : Algorithms and Applications

with a consolidated score of **76** %

Online Assignments	19.06/25	Proctored Exam	57/75
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Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **49**

Jan-Apr 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: NPTEL20BT43S81420382

To
ROHIT S PRASAD
KARUVALLIL HOUSE
VYPIN PADI
VAIKOM
KERALA - 686141
PH. NO :9182819170



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

ROHIT S PRASAD

for successfully completing the course

Immunology

with a consolidated score of **67** %

Online Assignments	22.50/25	Proctored Exam	44.25/75
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Total number of candidates certified in this course: **352**

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

