



Swami Keshvanand Institute of Technology, Management & Gramothan

**Approved by AICTE, Ministry of HRD, Government of India
Recognized by UGC under Section 2(f) of the UGC Act, 1956
Affiliated to Rajasthan Technical University, Kota**

MOOC's Certificates (Faculty)

**📍: RAMNAGARIA (JAGATPURA), JAIPUR-302017 (RAJASTHAN), INDIA
☎: +91-141-5160400, 2752165, 2759609 | 📠: 0141-2759555
✉: info@skit.ac.in | 🌐: www.skit.ac.in**

M UNIVERSITY OF MICHIGAN

Sep 8, 2021

Aakriti Sharma

has successfully completed

Python Basics

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

*Paul Resnick
Stephen Oniey
Jaclyn Cohen*

Paul Resnick
Stephen Oniey
Jaclyn Cohen

COURSE
CERTIFICATE



Verify at coursera.org/verify/KV7FCBQKT3L5
Coursera has confirmed the identity of this individual and their participation in the course.

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: NPTEL20CS66S81650589

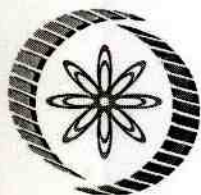
To
ABHINANDAN JAIN
127 MAHAVEER NAGAR GOLYAWAS, PATRAKAR
COLONY ROAD
MANSAROVAR JAIPUR
JAIPUR
RAJASTHAN - 302020
PH. NO :7891395110



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
ABHINANDAN JAIN
for successfully completing the course

Introduction to Internet of Things

with a consolidated score of 69 %

Online Assignments	22.69/25	Proctored Exam	46.5/75
--------------------	----------	----------------	---------

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



Roll No: NPTEL20CS66S81650589

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: NPTEL21ME18S23681383

To
ACHIN SRIVASTAV
FLAT NO. E-801, MEWAR APARTMENT
PRATAP NAGAR, HALDIGHATI MARG,
JAIPUR
RAJASTHAN - 302033
PH. NO :9981381984

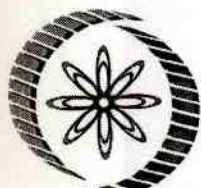


Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully Completed
< 40	No Certificate

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
ACHIN SRIVASTAV
for successfully completing the course



Operations Management

with a consolidated score of **99** %

Online Assignments	25/25	Proctored Exam	73.5/75
--------------------	-------	----------------	---------

Total number of candidates certified in this course: 284

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

Jan-Apr 2021
(12 week course)

Prof. Inderdeep Singh
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No:NPTEL21ME18S23681383

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: NPTEL20ME76S81650263

To
ACHIN SRIVASTAV
FLAT NO. E-801, MEWAR APARTMENT
PRATAP NAGAR, HALDIGHATI MARG,
JAIPUR
RAJASTHAN - 302033
PH. NO :9981381984



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

ACHIN SRIVASTAV

for successfully completing the course

Advanced Machining Processes

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: **602**

Sep-Nov 2020
(8 week course)

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



Indian Institute of Technology Guwahati



Roll No: NPTEL20ME76S81650263

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: NPTEL20EE90S71650052

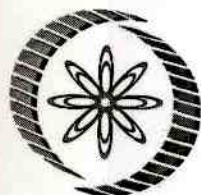
To
AJAY BHARDWAJ
D-4, ASISH VIHAR
JAGATPURA
JAIPUR
RAJASTHAN - 302017
PH. NO :9587549119



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

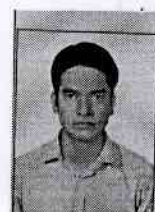
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

NPTEL Online Certification

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



This certificate is awarded to
AJAY BHARDWAJ
for successfully completing the course

Control Systems

with a consolidated score of **83** %

Online Assignments	23.97/25	Proctored Exam	59.5/75
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Devendra Jaliwal

Prof. Devendra Jaliwal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 606

Sep-Dec 2020
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20EE90S71650052

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: NPTEL20ME50S51650430

To
AJAY KUMAR DHANOPIA
S/O MAHESH CHANDRA DHANOPIA M-289
LOHAGAL ROAD
SHASTRI NAGAR, BEHIND SHOPPING CENTRE
AJMER
RAJASTHAN - 305001
PH. NO :9928909235

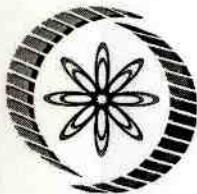


Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

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
AJAY KUMAR DHANOPIA
for successfully completing the course



Rapid Manufacturing

with a consolidated score of **75** %

Online Assignments	20.31/25	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: NPTEL20ME50S51650430

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

Centre for Continuing Education

Indian Institute of Technology Kanpur



This is to certify that

AJAY KUMAR SHARMA

has participated in the course

Classical Mechanics - 1

(January 26 to April 25, 2021)

and

the performance was Satisfactory/Good/ Very Good /Excellent/Outstanding

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

Prof. H. C. Verma (Retd.)
Department of Physics
IIT Kanpur

Centre for Continuing Education

Indian Institute of Technology Kanpur



This is to certify that

AJAY KUMAR SHARMA

has participated in the course

Classical Electromagnetism - 1 (Electrostatics)

(August 15 to December 13, 2020)

and

the performance was Satisfactory/Good/Very Good/ Excellent /Outstanding

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

Prof. H. C. Verma (Retd.)
Department of Physics
IIT 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: NPTEL20CY17S31650333

To
AJAY KUMAR SHARMA
30, SAKET NAGAR, NEW SANGANER ROAD
SODALA
JAIPUR
RAJASTHAN - 302019
PH. NO :8829019281

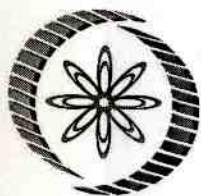


Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

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
AJAY KUMAR SHARMA
for successfully completing the course



Laser: Fundamentals and Applications

with a consolidated score of **97** %

Online Assignments	23.71/25	Proctored Exam	73.5/75
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Total number of candidates certified in this course: 134

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

Sep-Nov 2020
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL20CY17S31650333

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

Centre for Continuing Education

Indian Institute of Technology Kanpur



This is to certify that

AJAY KUMAR SHARMA

has successfully completed the course

The story of Photoelectric Effect

(July 15 to August 17, 2021)

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

Prof. H. C. Verma (Retd.)
Department of Physics
* IIT 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: NPTEL20MA29S51650189

To
DR AMBER SRIVASTAVA
C 1103, MAHIMA PANACHE, NEAR AIRPORT
ROAD
PRATAP NAGAR, JAIPUR
JAIPUR
RAJASTHAN - 302033
PH. NO :9828298243



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.

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate



Elite NPTEL Online Certification

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



This certificate is awarded to
DR AMBER SRIVASTAVA
for successfully completing the course



Introduction to Abstract Group Theory

with a consolidated score of **93** %

Online Assignments	23.58/25	Proctored Exam	69/75
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Devendra Jaliha

Prof. Devendra Jaliha
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 35

Sep-Nov 2020
(8 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

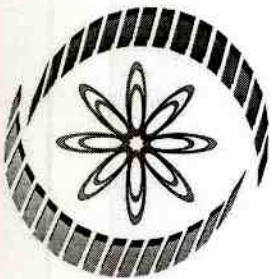


Indian Institute of Technology Madras



Roll No: NPTEL20MA29S51650189

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



Elite

NPTEL Online Certification

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



This certificate is awarded to

ANJANA SANGWAN

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of 63 %

Online Assignments	20.63/25	Proctored Exam	42/75
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Total number of candidates certified in this course: 4785

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

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Sep-Dec 2020
(12 week course)



Indian Institute of Technology Kharagpur



Roll No: NPTEL20CS66S81650506

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: NPTEL21EE02S23681321

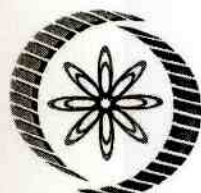
To
ANKIT AGARWAL
SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY
RAMNAGARIA, JAGATPURA
JAIPUR
RAJASTHAN - 302017
PH. NO :7877556914



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

ANKIT AGARWAL

for successfully completing the course



Principles of Signals and Systems

with a consolidated score of **75** %

Online Assignments	24.03/25	Proctored Exam	51/75
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Total number of candidates certified in this course: 120

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

Jan-Apr 2021
(12 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL21EE02S23681321

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

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Roll No: NPTEL20EE63S71650027

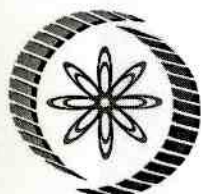
To
ANKIT AGARWAL
SWAMI KESHVANAND INSTITUTE OF
TECHNOLOGY, MANAGEMENT & GRAMOTHAN
RAMNAGARIA, JAGATPURA
JAIPUR
RAJASTHAN - 302017
PH. NO :7877556914



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
ANKIT AGARWAL

for successfully completing the course



Microwave Theory and Techniques

with a consolidated score of **75** %

Online Assignments	22.91/25	Proctored Exam	52.5/75
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Total number of candidates certified in this course: 115

Sep-Dec 2020
(12 week course)

Sridhar

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



Indian Institute of Technology Bombay



Roll No: NPTEL20EE63S71650027

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: NPTEL20EE93S81650051

To

ANKIT AGARWAL
SWAMI KESHVANAND INSTITUTE OF
TECHNOLOGY, MANAGEMENT & GRAMOTHAN
RAMNAGARIA, JAGATPURA
JAIPUR
RAJASTHAN - 302017
PH. NO :7877556914

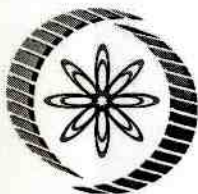


Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully Completed
< 40	No Certificate

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

ANKIT AGARWAL

for successfully completing the course

Applied Electromagnetics for Engineers

with a consolidated score of **69** %

Online Assignments	19.72/25	Proctored Exam	49.5/75
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Total number of candidates certified in this course: 73

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: NPTEL20EE93S81650051

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

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

Roll No: NPTEL20PH14551650031

To
ANKIT KUMAR AGARWAL
DEPARTMENT OF MECHANICAL ENGINEERING,
SWAMI KESHVANAND INSTITUTE OF
TECHNOLOGY, MANAGEMENT & GRAMOTHAN,
RAMNAGARIA, JAGATPURA, JAIPUR, RAJASTHAN
302017
RAJASTHAN - 302017
PH. NO 9887222265



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.

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate



Elite

NPTEL Online Certification

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



This certificate is awarded to
ANKIT KUMAR AGARWAL
for successfully completing the course

Solar Energy Engineering and Technology

with a consolidated score of 67 %

Online Assignments	22.16/25	Proctored Exam	45.15/75
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Total number of candidates certified in this course: 274

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: NPTEL20PH14551650031

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: NPTEL21EE65S23621179

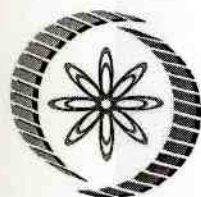
To
ANKIT AGARWAL
SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY
RAMNAGARIA, JAGATPURA
JAIPUR
RAJASTHAN - 302017
PH. NO :7877556914



Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully Completed
< 40	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

NPTEL Online Certification

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



This certificate is awarded to

ANKIT AGARWAL

for successfully completing the course



Principles of Communication Systems: Part - II

with a consolidated score of **75** %

Online Assignments	15/25	Proctored Exam	59.5/75
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Total number of candidates certified in this course: 105

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

Jul-Sep 2021
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL21EE65S23621179

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: NPTEL20EE68S51650270

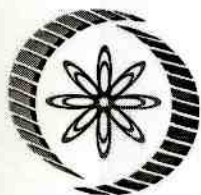
To
ANKUSH TANDON
96 SHRI NATH NAGAR
FLAT NO S1 AIRPORT ROAD SANGANER PRATAP
NAGAR
JAIPUR
RAJASTHAN - 302011
PH. NO :7737279925



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
ANKUSH TANDON

for successfully completing the course

Fundamentals of Electrical Engineering

with a consolidated score of **63** %

Online Assignments	22.94/25	Proctored Exam	40.5/75
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Total number of candidates certified in this course: 127


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

Sep-Dec 2020
(12 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL20EE68S51650270

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



07/13/2020

Arun Beniwal

has successfully completed

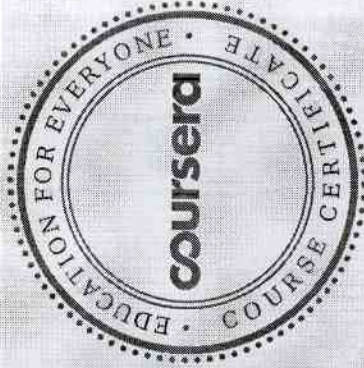
**Introduction to Thermodynamics: Transferring
Energy from Here to There**

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

Marquand Woodbury

Arthur F. Thurnau Professor,
Mechanical Engineering, Aerospace Engineering

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/SPYVSHCAZ4DM
Coursera has confirmed the identity of this individual and
their participation in the course.

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: NPTEL20EE60S81650083

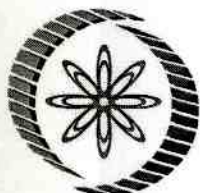
To
ARUN KUMAR NAYAK
SWAMI KESHVANAND INSTITUTE OF
TECHNOLOGY, MANAGEMENT & GRAMOTHAN,
JAGATPURA, JAIPUR-302017
JAGATPURA
JAIPUR
RAJASTHAN - 302017
PH. NO :9509401433



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
ARUN KUMAR NAYAK
for successfully completing the course

Electrical Machines - I

with a consolidated score of **99** %

Online Assignments	23.53/25	Proctored Exam	75/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 317

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

Sep-Dec 2020
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL20EE60S81650083

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: NPTEL20EE57S71650025

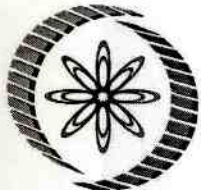
To
ARUN KUMAR NAYAK
SWAMI KESHVANAND INSTITUTE OF
TECHNOLOGY, MANAGEMENT & GRAMOTHAN,
JAGATPURA, JAIPUR-302017
JAGATPURA
JAIPUR
RAJASTHAN - 302017
PH. NO :9509401433



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
ARUN KUMAR NAYAK

for successfully completing the course

Design of Photovoltaic Systems

with a consolidated score of **54** %

Online Assignments	21.44/25	Proctored Exam	32.25/75
--------------------	----------	----------------	----------

Prof. G. L. Sivakumar Babu
Chairman, Centre for Continuing Education
IISc Bangalore

Total number of candidates certified in this course: 191

Sep-Dec 2020
(12 week course)

Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore



Indian Institute of Science Bangalore



Roll No: NPTEL20EE57S71650025

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

UNIVERSITY OF MICHIGAN

Aug 14, 2021

Ashish Pant

has successfully completed

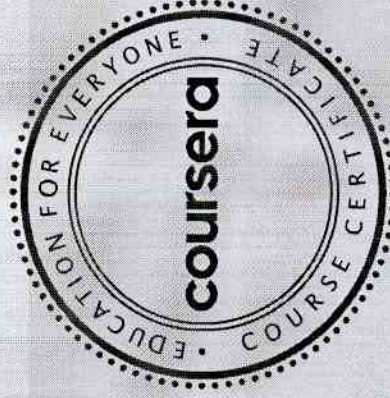
Python Basics

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

*Paul Resnick
Stephen Onye
Jaclyn Cohen*

Paul Resnick
Stephen Onye
Jaclyn Cohen

COURSE
CERTIFICATE



Verify at coursera.org/verify/BEGWT88MV358
Coursera has confirmed the identity of this individual and their
participation in the course.

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: NPTEL20CS57S41650006

To

ASHISH PANT
VILLA NO. 114, MAHIMA KOPAL, GONER
VILLAGE SANGANER
JAIPUR
RAJASTHAN - 303905
PH. NO :8279489568



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

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

This certificate is awarded to

ASHISH PANT

for successfully completing the course

Programming in C++

with a consolidated score of **58** %

Online Assignments	23.96/25	Programming Exam	14.25/25	Proctored Exam	20/50
--------------------	----------	------------------	----------	----------------	-------

Total number of candidates certified in this course: 267




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

Sep-Nov 2020
(8 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL20CS57S41650006

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

Centre for Continuing Education

Indian Institute of Technology Kanpur



This is to certify that

BRAJRAJ SHARMA

has successfully completed the course

The story of Photoelectric Effect

(July 15 to August 17, 2021)

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

Prof. H. C. Verma (Retd.)
Department of Physics
IIT Kanpur

Centre for Continuing Education

Indian Institute of Technology Kanpur



This is to certify that

BRAJ RAJ SHARMA

has participated in the course

Classical Mechanics - 1

(January 26 to April 25, 2021)

and

the performance was Satisfactory/Good/ Very Good /Excellent/Outstanding

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

Prof. H. C. Verma (Retd.)
Department of Physics
IIT Kanpur

Centre for Continuing Education

Indian Institute of Technology Kanpur



This is to certify that

BRAJ RAJ SHARMA

has participated in the course

Classical Electromagnetism - 1 (Electrostatics)

(August 15 to December 13, 2020)

and

the performance was Satisfactory/Good/Very Good/ Excellent /Outstanding

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

Prof. H. C. Verma (Retd.)
Department of Physics
IIT 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: NPTEL21ME36S13620011

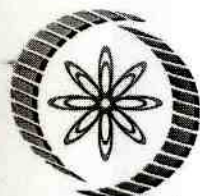
To
BRIJ MOHAN SHARMA
71-A, ALANKARVIHAR-A, VAISHALI MARG WEST,
MEENAWALA, NEAR KALI MATA MANDIR
JAIPUR
RAJASTHAN - 302034
PH. NO :9571463814



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

BRIJ MOHAN SHARMA

for successfully completing the course



Finite Element Modeling of Welding Processes

with a consolidated score of **77** %

Online Assignments	15.31/25	Proctored Exam	61.5/75
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Total number of candidates certified in this course: 28

Jan-Apr 2021
(12 week course)

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



Indian Institute of Technology Guwahati



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

Roll No: NPTEL20HS56S31650322

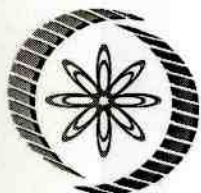
To
BRIJ MOHAN SHARMA
71-A, ALANKAR VIHAR-A,
VAISHALI MARG WEST, MEENAWALA, NEAR KALI
MATA MANDIR
JAIPUR
RAJASTHAN - 302034
PH. NO :9571463814



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
BRIJ MOHAN SHARMA
for successfully completing the course



Technical English for Engineers

with a consolidated score of **82** %

Online Assignments	20.00/25	Proctored Exam	62.25/75
--------------------	----------	----------------	----------

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 2014

Sep-Nov 2020
(8 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20HS56S31650322

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: NPTEL20PH14S51650099

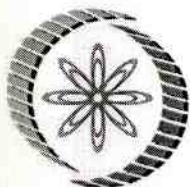
To
CHANDAN KUMAR
DEPARTMENT OF MECHANICAL ENGINEERING
SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY
MANAGEMENT AND GRAMOTHAN
JAIPUR
RAJASTHAN - 302017
PH. NO :9460481589



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

CHANDAN KUMAR

for successfully completing the course

Solar Energy Engineering and Technology

with a consolidated score of **87** %

Online Assignments	20.78/25	Proctored Exam	65.82/75
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Total number of candidates certified in this course: 274

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: NPTEL20MA43S31650024

To
CHANDRA PRAKASH JAIN
A-30-B, JAI AMBAY NAGAR
TONK ROAD
JAIPUR
RAJASTHAN - 302018
PH. NO :9414851397



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
CHANDRA PRAKASH JAIN
for successfully completing the course

Laplace Transform

with a consolidated score of **83** %

Online Assignments	24.33/25	Proctored Exam	58.25/75
--------------------	----------	----------------	----------

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 105

Sep-Oct 2020
(4 week course)

Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20MA43S31650024

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

Verified Certificate



This is to certify that

Deepa Modi

successfully completed and received a passing grade in

DS0101EN: Introduction to Data Science

a course of study offered by IBM, an online learning initiative of IBM.

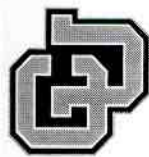
Alex Akison
Ph.D., Data Scientist
IBM



Verified Certificate
Issued June 11, 2021

Valid Certificate ID

e35e8a87dab64a1bbf6e4560f318e0e5



University of Colorado

Boulder | Colorado Springs | Denver | Anschutz Medical Campus

Sep 28, 2021

DEEPA MODI

has successfully completed

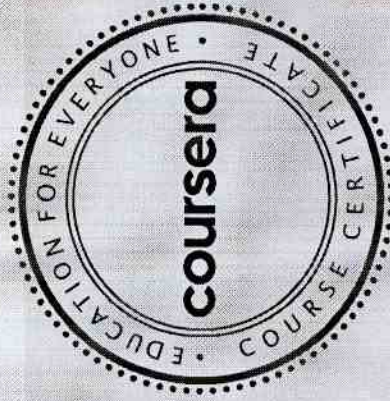
Symmetric Cryptography

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

Handwritten signature

Network and Systems Security; Engineering Secure Software

COURSE
CERTIFICATE



Verify at coursera.org/verify/QN28L46AJDTU
Coursera has confirmed the identity of this individual and their participation in the course.

Verified Certificate



This is to certify that

Deepa Modi

successfully completed and received a passing grade in

AI0101EN: AI for Everyone: Master the Basics

a course of study offered by IBM, an online learning initiative of IBM.

Rav Ahuja
AI and Data Science Program Director
IBM



Verified Certificate
Issued August 17, 2021

Valid Certificate ID
5985a26cbfb142a483164bd1d1653991

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: NPTEL20CS56S61650089

To
DEEPA MODI
508, SDC COURTYARD, NEAR SKIT COLLEGE,
RAMNAGARIA, JAGATPURA
JAIPUR
RAJASTHAN - 302017
PH. NO :9929369501



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

DEEPA MODI

for successfully completing the course

Problem Solving through Programming in C

with a consolidated score of **83** %

Online Assignments	25/25	Programming Exam	25/25	Proctored Exam	32.5/50
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Total number of candidates certified in this course: 1756



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

Sep-Dec 2020
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL20CS56S61650089

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



07/16/2020

DEEPA MODI

has successfully completed

Using Python to Access Web Data

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

A handwritten signature in black ink, appearing to read 'Charles'.

Charles Severance
Clinical Professor, School of Information
University of Michigan

COURSE
CERTIFICATE



Verify at coursera.org/verify/LMKPL9ZMVR95
Coursera has confirmed the identity of this individual and
their participation in the course.

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: NPTEL20MG58S81650477

To
DR DEEPAK KUMAR
122-B
NANDPURI, MALVIYA NAGAR
JAIPUR
RAJASTHAN - 302017
PH. NO :9571019520

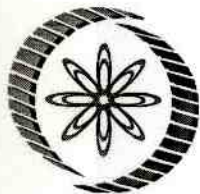


Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully Completed
< 40	No Certificate

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
DR DEEPAK KUMAR

for successfully completing the course

Principles of Management

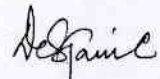
with a consolidated score of **70** %

Online Assignments	22.28/25	Proctored Exam	48/75
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Total number of candidates certified in this course: 1012


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

Sep-Dec 2020
(12 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL20MG58S81650477

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: NPTEL21EE07S21660270

To
DEEPTI ARELA
PUSHKUNJ HOUSE NO:190/119
SECTOR-19, PRATAP NAGAR, SANGANER
JAIPUR
RAJASTHAN - 302033
PH. NO :9929417474



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

DEEPTI ARELA

for successfully completing the course

Analog Circuits

with a consolidated score of **66** %

Online Assignments	21.58/25	Proctored Exam	44.39/75
--------------------	----------	----------------	----------

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

Jan-Mar 2021
(8 week course)


Prof. Sridhar Iyer
Head COEP & NPTEL Coordinator
IIT Bombay



Indian Institute of Technology Bombay



Roll No. NPTEL21EE07S21660270

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: NPTEL21EE68S23621053

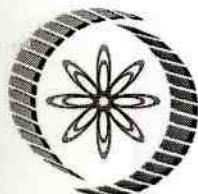
To
DEEPTI ARELA
PUSHPKUNJ"" HOUSE NO:190/119
SECTOR-19, PRATAP NAGAR, SANGANER
JAIPUR
RAJASTHAN - 302033
PH. NO :9929417474



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

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



This certificate is awarded to

DEEPTI ARELA

for successfully completing the course

Introduction to Smart Grid

with a consolidated score of **50** %

Online Assignments	20.42/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **386**

Vinil

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

Jul-Sep 2021
(8 week course)

Priti Maheshwari

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL21EE68S23621053

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: NPTEL21ME18S23681380

To
DR DHEERAJ JOSHI
DHEERAJ JOSHI, DEPTT. OF MECH. ENGG,
SKIT, RAMNAGARIYA JAGATPURA, JAIPUR
JAIPUR
RAJASTHAN - 302025
PH. NO :9460355422

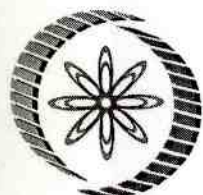


Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully Completed
< 40	No Certificate

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
DR DHEERAJ JOSHI
for successfully completing the course

Operations Management

with a consolidated score of **96** %

Online Assignments	25/25	Proctored Exam	70.5/75
--------------------	-------	----------------	---------

Total number of candidates certified in this course: 284

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

Jan-Apr 2021
(12 week course)

Prof. Inderdeep Singh
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee

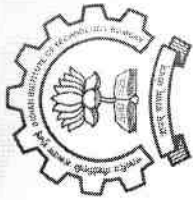


Roll No: NPTEL21ME18S23681380

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

HONOUR CODE CERTIFICATE

Issued: 18 December 2020



IITBX

Infinite Learning

CDEEP

Dr. Dheeraj Joshi

has successfully completed

EN101x: English for Oral Communication

an online course conducted from 15 July 2020 to 15 December 2020.

This course is offered by **IITBombayX**, an online learning initiative of **Indian Institute of Technology Bombay**.

Ms. Rama Kulkarni
Course Coordinator

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: NPTEL20HS56S31650068

To
DINESH KUMAR SHARMA
C-35, EKTA NAGAR,
NEAR D. N. PUBLIC SCHOOL, DHAWAS, AJMER
ROAD
JAIPUR
RAJASTHAN - 302021
PH. NO :9785449998

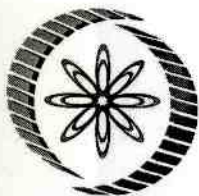


Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully Completed
< 40	No Certificate

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
DINESH KUMAR SHARMA
for successfully completing the course



Technical English for Engineers

with a consolidated score of **83** %

Online Assignments	21.67/25	Proctored Exam	61.5/75
--------------------	----------	----------------	---------

Devendra Jaliwal

Total number of candidates certified in this course: 2014

Prof. Devendra Jaliwal
Chairman
Centre for Continuing Education, IITM

Sep-Nov 2020
(8 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20HS56S31650068

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



Dec 5, 2020

Dolly Mittal

has successfully completed

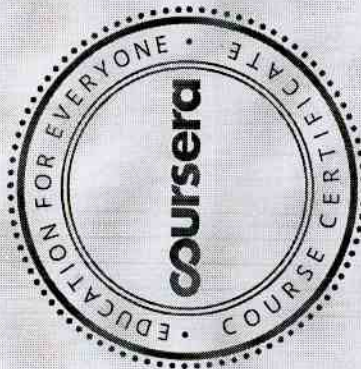
Natural Language Processing in TensorFlow

an online non-credit course authorized by DeepLearning.AI and offered through Coursera

Laurence Moroney

Laurence Moroney
Lead AI Advocate, Google

COURSE
CERTIFICATE



Verify at coursera.org/verify/X246WFJ24HBF
Coursera has confirmed the identity of this individual and their participation in the course.



29.09.2020

Dolly Mittal

has successfully completed

Python Basics

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

Three handwritten signatures in black ink, stacked vertically. The first signature appears to be 'Paul Resnick', the second 'Stephen Onye', and the third 'Jaclyn Cohen'.

Paul Resnick
Stephen Onye
Jaclyn Cohen

COURSE
CERTIFICATE



Verify at coursera.org/verify/ZHLCYMB4PGM2
Coursera has confirmed the identity of this individual and
their participation in the course.

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: NPTEL20CS57S41650273

To
DOLLY MITTAL
J-604,
MAHIMA PANORAMA, RAMNAGARIA, JAGATPURA
JAIPUR
RAJASTHAN - 302017
PH. NO :9829408543



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

DOLLY MITTAL

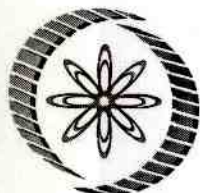
for successfully completing the course

Programming in C++

with a consolidated score of **89** %

Online Assignments	25/25	Programming Exam	21.5/25	Proctored Exam	42.5/50
--------------------	-------	------------------	---------	----------------	---------

Total number of candidates certified in this course: 267



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

Sep-Nov 2020
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

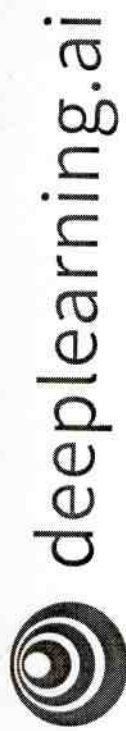


Indian Institute of Technology Kharagpur



Roll No: NPTEL20CS57S41650273

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



07/11/2020

Dolly Mittal

has successfully completed

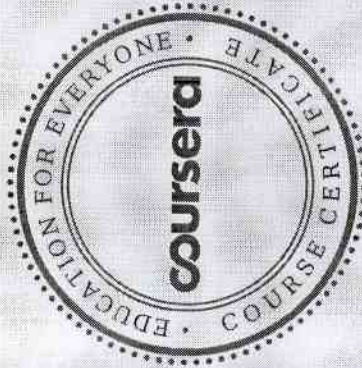
**Natural Language Processing with Classification
and Vector Spaces**

an online non-credit course authorized by deeplearning.ai and offered through
Coursera

Younes Bengouda Mourri Lukasz Kaiser

Younes Bengouda Mourri, Instructor of AI at Stanford University
Lukasz Kaiser, Staff Research Scientist at Google Brain and Chargé de Recherche at CNRS

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/M23QIY7TGUWE
Coursera has confirmed the identity of this individual and
their participation in the course.



Sep 13, 2021

Garima Gupta

has successfully completed

AWS Fundamentals: Going Cloud-Native

an online non-credit course authorized by Amazon Web Services and offered through
Coursera

Allen Goldberg *Morgan Willis* *Blaine Sundrud*

Allen Goldberg, Morgan Willis, Blaine Sundrud
AWS Training and Certification

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/TXJ7FQ6EJT43
Coursera has confirmed the identity of this individual and their
participation in the course.

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: NPTEL21CS17S23681301

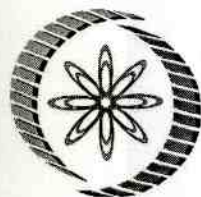
To
GIRISH SHARMA
49 B
SHAKTI NAGAR GAJSINGHPURA AJMER ROAD
JAIPUR
RAJASTHAN - 302024
PH. NO :9785445554



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

GIRISH SHARMA

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **66** %

Online Assignments	23.69/25	Proctored Exam	42/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 2555


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

Jan-Apr 2021
(12 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No:NPTEL21CS17S23681301

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: NPTEL20CS56S61650103

To
GIRISH SHARMA
49 B
SHAKTI NAGAR GAJSINGHPURA AJMER ROAD
JAIPUR
RAJASTHAN - 302024
PH. NO :9785445554

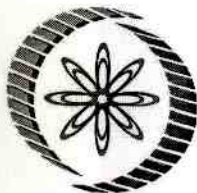


Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully Completed
< 40	No Certificate

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

GIRISH SHARMA

for successfully completing the course

Problem Solving through Programming in C

with a consolidated score of **82** %

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

Total number of candidates certified in this course: 1756




Prof. G P Raja Sekhar

Dean, Continuing Education
IIT Kharagpur

Sep-Dec 2020
(12 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL20CS56S61650103

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: NPTEL20EE63S71650256

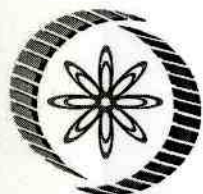
To
HARSHAL NIGAM
SKIT COLLEGE, RAMNAGARIA
JAGATPURA, JAIPUR
JAIPUR
RAJASTHAN - 302017
PH. NO :9460005284



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

HARSHAL NIGAM

for successfully completing the course



Microwave Theory and Techniques

with a consolidated score of **88** %

Online Assignments	24.38/25	Proctored Exam	63.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 115

Sep-Dec 2020
(12 week course)

Sridhar

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



Indian Institute of Technology Bombay



Roll No: NPTEL20EE63S71650256

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: NPTEL20CY17S31650104

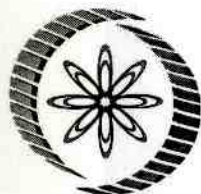
To
JAYPRAKASH VIJAY
112-A KRISNA GARDAN
JAGATPURA
JAIPUR
RAJASTHAN - 302017
PH. NO :9829706772



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
JAYPRAKASH VIJAY

for successfully completing the course



Laser: Fundamentals and Applications

with a consolidated score of **75** %

Online Assignments	17.08/25	Proctored Exam	58/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 134

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

Sep-Nov 2020
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL20CY17S31650104

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: NPTEL21CE19S11660020

To
JETENDER BABULAL JANGID
FLAT NO.-1103, BHAVYAA GREEN
RAMNAGARIYA, JAGATPURA
JAIPUR
RAJASTHAN - 302017
PH. NO :9166250078



Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully Completed
< 40	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

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



This certificate is awarded to
JETENDER BABULAL JANGID
for successfully completing the course

Development and Applications of Special Concretes

with a consolidated score of **47** %

Online Assignments	13.33/25	Proctored Exam	33.75/75
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Total number of candidates certified in this course: **147**

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

Jan-Mar 2021
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



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

Roll No: NPTEL20EE68S51650286

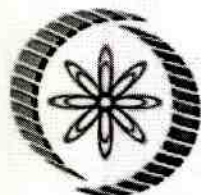
To
JINENDRA RAHUL
H. NO. 1089
MAHAVEER NAGAR SECOND
KOTA
RAJASTHAN - 324005
PH. NO :9530098449



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
JINENDRA RAHUL

for successfully completing the course

Fundamentals of Electrical Engineering

with a consolidated score of **53** %

Online Assignments	20.84/25	Proctored Exam	32.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 127

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

Sep-Dec 2020
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL20EE68S51650286

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: NPTEL20EE68S51650197

To
JITENDRA SINGH
194/94, SECTOR-19, PRATAP NAGAR,
SANGANER,
JAIPUR
RAJASTHAN - 302033
PH. NO :9314557275

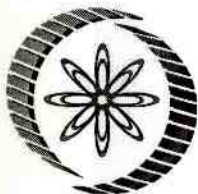


Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully Completed
< 40	No Certificate

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

JITENDRA SINGH

for successfully completing the course

Fundamentals of Electrical Engineering

with a consolidated score of **63** %

Online Assignments	22.41/25	Proctored Exam	40.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 127


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

Sep-Dec 2020
(12 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL20EE68S51650197

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

HONOUR CODE
CERTIFICATE

Issued: 18 December 2020



IITBX

Infinite Learning

CDEEP

Jyoti Arora

has successfully completed

SS101X: Soft Skills

an online course conducted from 15 July 2020 to 15 December 2020.

This course is offered by **IITBombayX**, an online learning initiative of **Indian Institute of Technology Bombay**.

Virendra Sethi

Professor,
Department of Environmental Science and Engineering
IIT Bombay

The Honour Code is valid only for regular students. It is not valid for alumni.
*Honour Code is valid only for regular students. It is not valid for alumni.

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: NPTEL21CS18S23681256

To
KAJAL MATHUR
197 MAHAVEER NAGAR-I
TONK ROAD
JAIPUR
RAJASTHAN - 302018
PH. NO :9461400822

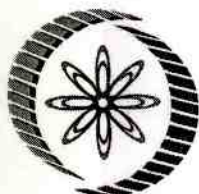


Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully Completed
< 40	No Certificate

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

KAJAL MATHUR

for successfully completing the course

Computer Networks and Internet Protocol

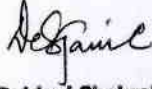
with a consolidated score of **76** %

Online Assignments	23.66/25	Proctored Exam	52.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 657


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

Jan-Apr 2021
(12 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No:NPTEL21CS18S23681256

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: NPTEL20CS75S41650336

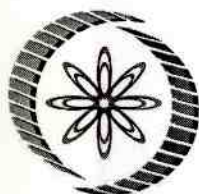
To
KAJAL MATHUR
197 MAHAVEER NAGAR-I
TONK ROAD
JAIPUR
RAJASTHAN - 302018
PH. NO :9461400822



Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully Completed
< 40	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

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



This certificate is awarded to

KAJAL MATHUR

for successfully completing the course

Introduction to Operating Systems

with a consolidated score of **54** %

Online Assignments	21.46/25	Proctored Exam	32.15/75
--------------------	----------	----------------	----------

Devendra Jalihal

Total number of candidates certified in this course: 276

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Sep-Nov 2020
(8 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20CS75S41650336

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

UC San Diego

08/24/2020

Kajal Mathur

has successfully completed

Introduction to Big Data

an online non-credit course authorized by University of California San Diego and offered through Coursera

Ilkay Altintas

Ilkay Altintas
Chief Data Science Officer
San Diego Supercomputer Center

Anurag Gupta

Anurag Gupta
Research Scientist
San Diego Supercomputer Center

COURSE
CERTIFICATE



Verify at coursera.org/verify/E2YPM74TXMBD
Coursera has confirmed the identity of this individual and their participation in the course.

W UNIVERSITY of WASHINGTON

10.09.2020

Kanak Giri

has successfully completed

Social Media Data Analytics

a MOOC from the University of Washington and offered through Coursera



Chirag Shah, PhD
Associate Professor
Information School
University of Washington

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/XQLPE3VMKKBQ
Coursera has confirmed the identity of this individual and
their participation in the course.

W UNIVERSITY of WASHINGTON

Oct 30, 2020

Kanak Giri

has successfully completed

Introduction to Public Speaking

a MOOC from the University of Washington and offered through Coursera



Dr. Matt McGarrity
Principal Lecturer
Department of Communication

COURSE
CERTIFICATE



Verify at coursera.org/verify/PQW7EZ2BHFDU
Coursera has confirmed the identity of this individual and their participation in the course.



30.09.2020

Kanak Giri

has successfully completed

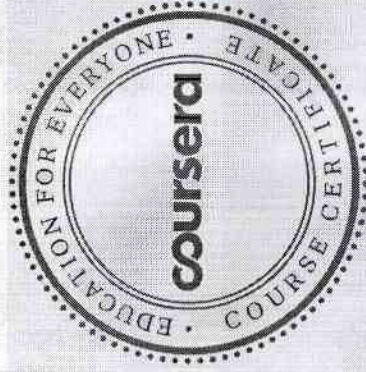
Python Basics

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

A handwritten signature in black ink, appearing to read 'Paul Restick'.

Paul Restick
Stephen Oney
Jaclyn Cohen

COURSE
CERTIFICATE



Verify at coursera.org/verify/JF947XSQBN2P
Coursera has confirmed the identity of this individual and
their participation in the course.

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: NPTEL21EE07S21660278

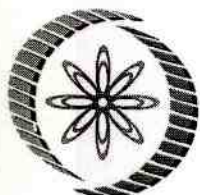
To
KIRAN RATHI
G2-13, ANANT APARTMENT, AYUWAN SINGH NAGAR
MAHARANI FARM, DURGAPURA
JAIPUR
RAJASTHAN - 302018
PH. NO : 8058555540



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

KIRAN RATHI

for successfully completing the course

Analog Circuits

with a consolidated score of **69** %

Online Assignments	22/25	Proctored Exam	47.45/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: 275

Jan-Mar 2021
(8 week course)

Sridhar

Prof. Sridhar Iyer
Head CDEEP & NPTEL Coordinator
IIT Bombay



Indian Institute of Technology Bombay



Roll No: NPTEL21EE07S21660278

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: NPTEL21CE19S21660093

To
KISHAN LAL JAIN
102/61
SECTOR-10
PRATAP NAGAR HOUSING BOARD
RAJASTHAN - 302033
PH. NO :8824431753



Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully Completed
< 40	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

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



This certificate is awarded to

KISHAN LAL JAIN

for successfully completing the course

Development and Applications of Special Concretes

with a consolidated score of **54** %

Online Assignments	12.5/25	Proctored Exam	41.25/75
--------------------	---------	----------------	----------

Total number of candidates certified in this course: 147

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

Jan-Mar 2021
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL21CE19S21660093

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

Centre for Continuing Education

Indian Institute of Technology Kanpur



This is to certify that

Komal Sharma

has successfully completed the course

The story of Photoelectric Effect

(July 15 to August 17, 2021)

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

Prof. H. C. Verma (Retd.)
Department of Physics
IIT Kanpur

Centre for Continuing Education

Indian Institute of Technology Kanpur



This is to certify that

Komal Sharma

has participated in the course

Classical Mechanics - 1

(January 26 to April 25, 2021)

and

the performance was Satisfactory/Good/ Very Good /Excellent/Outstanding

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

Prof. H. C. Verma (Retd.)
Department of Physics
IIT 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: NPTEL20CY17S31650121

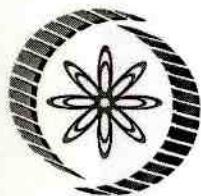
To
KOMAL SHARMA
114 NEMI NAGAR VISTAR
VAISHALI NAGAR
JAIPUR
RAJASTHAN - 302021
PH. NO :9414284046



Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully Completed
< 40	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

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

This certificate is awarded to

KOMAL SHARMA

for successfully completing the course

Laser: Fundamentals and Applications

with a consolidated score of. **96** %

Online Assignments	24.13/25	Proctored Exam	72/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 134

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

Sep-Nov 2020
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL20CY17S31650121

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

Centre for Continuing Education

Indian Institute of Technology Kanpur



This is to certify that

Komal Sharma

has participated in the course

Classical Electromagnetism - 1 (Electrostatics)

(August 15 to December 13, 2020)

and

the performance was Satisfactory/Good/Very Good/ Excellent /Outstanding

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

Prof. H. C. Verma (Retd.)
Department of Physics
IIT Kanpur

M UNIVERSITY OF **MICHIGAN**

Sep 27, 2020

Krishna Dayal Sharma

has successfully completed

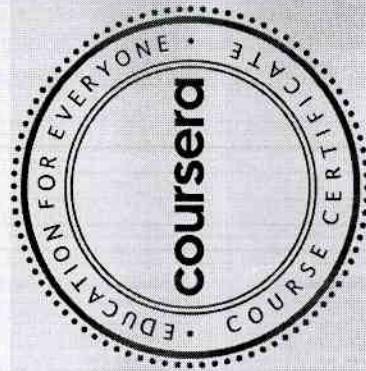
**Finding Purpose and Meaning In Life: Living for
What Matters Most**

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

Vic J. Strecher

Vic Strecher
Professor
Schools of Public Health and Medicine

COURSE
CERTIFICATE



Verify at coursera.org/verify/SYD8ZLWF662Z

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



Oct 28, 2020

Krishna Dayal Sharma

has successfully completed

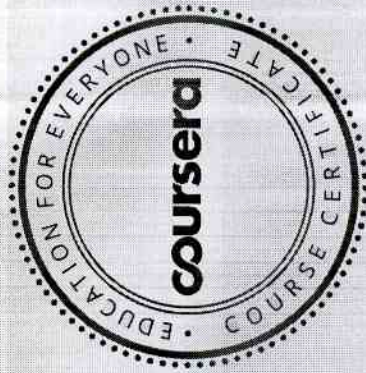
Leadership and Emotional Intelligence

an online non-credit course authorized by Indian School of Business and offered through
Coursera

S. Ramani

Ramnarayan Subramaniam
Clinical Professor | Organisational Behaviour
Business Technology Management

COURSE
CERTIFICATE



Verify at coursera.org/verify/LRK7XPAUU3G2
Coursera has confirmed the identity of this individual and their
participation in the course.

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: NPTEL20ME86S51650167

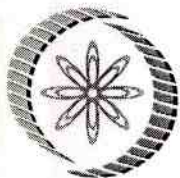
To
DR LALIT GEHLOT
PLOT 215/216, FIRST FLOOR, FLAT 102,
PATEL NAGAR
MUHANA MANDI ROAD, MANSAROVER, JAIPUR
JAIPUR
RAJASTHAN - 302020
PH. NO :9261159955



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

DR LALIT GEHLOT

for successfully completing the course

The Psychology of Language

with a consolidated score of **63** %

Online Assignments	19.38/25	Proctored Exam	43.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **405**

Sep-Nov 2020
(8 week course)

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



Indian Institute of Technology Guwahati



Roll No: NPTEL20ME86S51650167

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: NPTEL20CE39S61650246

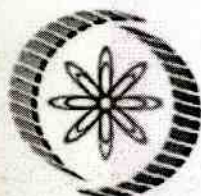
To
DR LALIT KUMAR GUPTA
190, DEEKSHA SPARSH, VINOBA VIHAR
MALAVIYA NAGAR
JAIPUR
RAJASTHAN - 302017
PH. NO :9314120770



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.



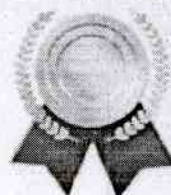
Elite

NPTEL Online Certification

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



This certificate is awarded to
DR LALIT KUMAR GUPTA
for successfully completing the course



Design of Reinforced Concrete Structures

with a consolidated score of **76** %

Online Assignments	22.78/25	Proctored Exam	53.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **340**

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

Sep-Dec 2020
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL20CE39S61650246

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: NPTEL20CS66S81650599

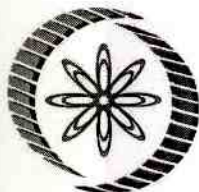
To
LALIT KUMAR LATA
SKITM&G JAGATPURA
RAMNAGARIYA
JAIPUR
RAJASTHAN - 302017
PH. NO :9982463217



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

LALIT KUMAR LATA

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **48** %

Online Assignments	10.41/25	Proctored Exam	37.5/75
--------------------	----------	----------------	---------

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

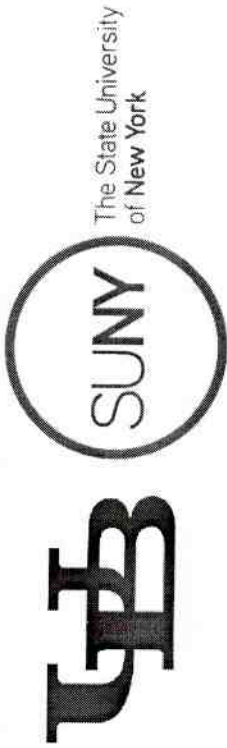


Indian Institute of Technology Kharagpur



Roll No: NPTEL20CS66S81650599

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



07/11/2020

MAHENDER KUMAR BENIWAL

has successfully completed

Blockchain Basics

an online non-credit course authorized by University at Buffalo and The State University of New York and offered through Coursera

Bina Ramamurthy

Bina Ramamurthy
Teaching Professor
Computer Science and Engineering

COURSE
CERTIFICATE



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

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: NPTEL21EE18S13680749

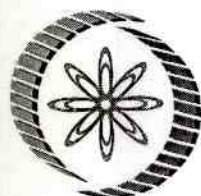
To
MAMTA JAIN
B-21, R.K. PURAM, SURYA NAGAR
TARON KI KOONT, TONK ROAD
JAIPUR
RAJASTHAN - 302029
PH. NO :9772740951



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

MAMTA JAIN

for successfully completing the course

Microprocessors and Microcontrollers

with a consolidated score of **72** %

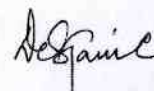
Online Assignments	24.38/25	Proctored Exam	48/75
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Total number of candidates certified in this course: **197**



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

Jan-Apr 2021
(12 week course)



Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL21EE18S13680749

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: NPTEL20CS67561650021

To
MAMTA JAIN
B-21, R.K. PURAM, SURYA NAGAR
TARON KI KOONT, TONK ROAD
JAIPUR
RAJASTHAN - 302029
PH. NO :9772740951

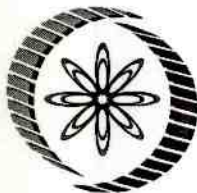


Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully Completed
< 40	No Certificate

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

MAMTA JAIN

for successfully completing the course

Switching Circuits and Logic Design

with a consolidated score of **69** %

Online Assignments	21.94/25	Proctored Exam	47.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 85


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

Sep-Dec 2020
(12 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL20CS67561650021

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: NPTEL21PH11S13680843

To
MANASVI DIXIT
206, KUSHAL NAGAR, SANGANER, JAIPUR
RAJASTHAN - 302029
PH. NO :9783882707

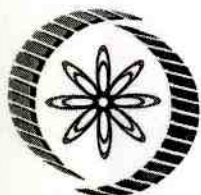


Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully Completed
< 40	No Certificate

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

MANASVI DIXIT

for successfully completing the course

Experimental Physics II

with a consolidated score of **69** %

Online Assignments	23.85/25	Proctored Exam	45/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 89


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

Jan-Apr 2021
(12 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL21PH11S13680843

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

Centre for Continuing Education

Indian Institute of Technology Kanpur



This is to certify that

Manasvi Dixit

has successfully completed the course

The story of Photoelectric Effect

(July 15 to August 17, 2021)

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

Prof. H. C. Verma (Retd.)
Department of Physics
IIT Kanpur

Indian Institute of Technology Kanpur



This is to certify that

Manasvi Dixit

has participated in the course

Classical Mechanics - 1

(January 26 to April 25, 2021)

and

the performance was Satisfactory/Good/ Very Good /Excellent/Outstanding

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

Prof. H. C. Verma (Retd.)
Department of Physics
IIT 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: NPTEL20CY17S31650256

To
MANASVI DIXIT
206, KUSHAL NAGAR, SANGANER, JAIPUR
RAJASTHAN - 302029
PH. NO :9783882707

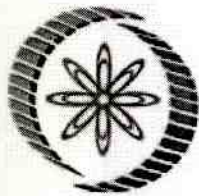


Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

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

MANASVI DIXIT

for successfully completing the course

Laser: Fundamentals and Applications

with a consolidated score of **98** %

Online Assignments	24.13/25	Proctored Exam	73.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 134

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

Sep-Nov 2020
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL20CY17S31650256

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

Centre for Continuing Education

Indian Institute of Technology Kanpur



This is to certify that

Manasvi Dixit

has participated in the course

Classical Electromagnetism - 1 (Electrostatics)

(August 15 to December 13, 2020)

and

the performance was Satisfactory/Good/Very Good/ Excellent /Outstanding

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

Prof. H. C. Verma (Retd.)
Department of Physics
IIT 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: NPTEL20PH16S51650043

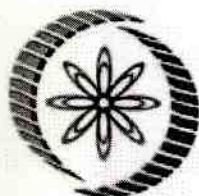
To
MANASVI DIXIT
206, KUSHAL NAGAR, SANGANER, JAIPUR
RAJASTHAN - 302029
PH. NO :9783882707



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
MANASVI DIXIT
for successfully completing the course

Experimental Physics I

with a consolidated score of **71** %

Online Assignments	24.25/25	Proctored Exam	46.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 174


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

Sep-Dec 2020
(12 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL20PH16S51650043

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: NPTEL20EE98S71650260

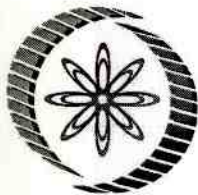
To
MANJU CHOUDHARY
C-119, 80 FEET ROAD, MAHESH NAGAR,
JAIPUR
MAHESH NAGAR
JAIPUR
RAJASTHAN - 302017
PH. NO :9694724109



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
MANJU CHOUDHARY
for successfully completing the course

Introduction to Embedded System Design

with a consolidated score of **50** %

Online Assignments	16.41/25	Proctored Exam	33.75/75
--------------------	----------	----------------	----------

Devendra Jali hal

Prof. Devendra Jali hal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 1371

Sep-Dec 2020
(12 week course)

Th

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20EE98S71650260

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

Verified Certificate



This is to certify that

Mayank Kumar Jain

successfully completed and received a passing grade in

DS0101EN: Introduction to Data Science

a course of study offered by IBM, an online learning initiative of IBM.


Alex Akison
Ph.D., Data Scientist
IBM



Verified Certificate
Issued August 28, 2021

Valid Certificate ID
[8ce6a6530649437bb219cf9ec4159f0d](#)

DeepLearning.AI

Aug 4, 2020

Mayank Kumar Jain

has successfully completed

Natural Language Processing in TensorFlow

an online non-credit course authorized by DeepLearning.AI and offered through Coursera

Laurence Moroney

Laurence Moroney
Lead AI Advocate, Google

COURSE
CERTIFICATE



Verify at coursera.org/verify/CHRSKR59WTRR
Coursera has confirmed the identity of this individual and their participation in the course.

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: NPTEL20EE68S51650306

To
MOHD IMRAN
S-1, F-8 NANDPURI COLONY
MALVIYA NAGAR
JAIPUR
RAJASTHAN - 302017
PH. NO :8209073096



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

MOHD IMRAN

for successfully completing the course



Fundamentals of Electrical Engineering

with a consolidated score of **85** %

Online Assignments	23.19/25	Proctored Exam	61.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 127

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

Sep-Dec 2020
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL20EE68S51650306

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: NPTEL20HS56S31650361

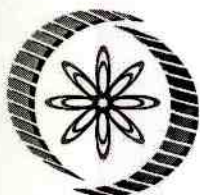
To
NAVEEN KUMAR SAIN
261/512
SECTOR-26, PRATAP NAGAR
JAIPUR
RAJASTHAN - 302033
PH. NO :9413065501



Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully Completed
< 40	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

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

This certificate is awarded to

NAVEEN KUMAR SAIN

for successfully completing the course

Technical English for Engineers

with a consolidated score of **75** %

Online Assignments	21.67/25	Proctored Exam	53.25/75
--------------------	----------	----------------	----------

Devendra Jali hal

Prof. Devendra Jali hal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 2014

Sep-Nov 2020
(8 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20HS56S31650361

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



THE UNIVERSITY OF
SYDNEY

Oct 19, 2020

Nawal Kishor Jangid

has successfully completed

Introduction to Calculus

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

David Eastwood
Associate Professor
Department of Mathematics and Statistics

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/XFB53RPMGUPM

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

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: NPTEL20MA43S31650097

To
NAWAL KISHOR JANGID
SKIT COLLEGE
RAMNAGARIYA, JAGATPURA
JAIPUR
RAJASTHAN - 302017
PH. NO :9928236602



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.

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=80	Elite
40-59	Successfully Completed
<40	No Certificate



Elite NPTEL Online Certification

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

This certificate is awarded to
NAWAL KISHOR JANGID
for successfully completing the course

Laplace Transform

with a consolidated score of **77** %

Online Assignments	24.33/25	Proctored Exam	52.25/75
--------------------	----------	----------------	----------

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **105**

Sep-Oct 2020
(4 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20MA43S31650097

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: NPTEL20CS82S71650228

To
NAWAL KISHOR JANGID
15 ANAND VIHAR B BENAD ROAD DADI KA
PHATAK JHOTWARA JAIPUR
RAJASTHAN - 302012
PH. NO :9928236602



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
NAWAL KISHOR JANGID
for successfully completing the course

Discrete Mathematics

with a consolidated score of **54** %

Online Assignments	23.75/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 314

Sep-Dec 2020
(12 week course)

Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20CS82S71650228

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: NPTEL20EE77S51650141

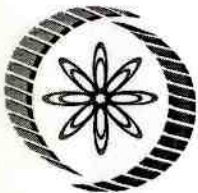
To
NEERAJ JAIN
157, II FLOOR, SHANTI NAGAR
NEAR RUKMANI BIRLA HOSPITAL
JAIPUR
RAJASTHAN - 302018
PH. NO :9468666815



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

NEERAJ JAIN

for successfully completing the course

Semiconductor Devices and Circuits

with a consolidated score of **54** %

Online Assignments	24.06/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Prof. G. L. Sivakumar Babu
Chairman, Centre for Continuing Education
IISc Bangalore

Total number of candidates certified in this course: 148

Sep-Dec 2020
(12 week course)

Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore



Indian Institute of Science Bangalore



Roll No: NPTEL20EE77S51650141

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: NPTEL21HS02S13680617

To
DR NIDHI SHARMA
116, MILAP NAGAR, TONK ROAD JAIPUR
TONK ROAD
JAIPUR
RAJASTHAN - 302017
PH. NO :9928592296

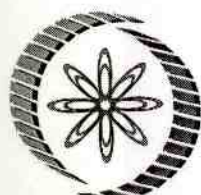


Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully Completed
< 40	No Certificate

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

DR NIDHI SHARMA

for successfully completing the course



Enhancing Soft Skills and Personality

with a consolidated score of **85** %

Online Assignments	23.5/25	Proctored Exam	61.11/75
--------------------	---------	----------------	----------

Total number of candidates certified in this course: 7339

Rajesh M. Hegde

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

Feb-Apr 2021
(8 week course)

Satyaki Roy

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL21HS02S13680617

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

M UNIVERSITY OF **MICHIGAN**

Aug 20, 2021

NIDHI SRIVASTAV

has successfully completed

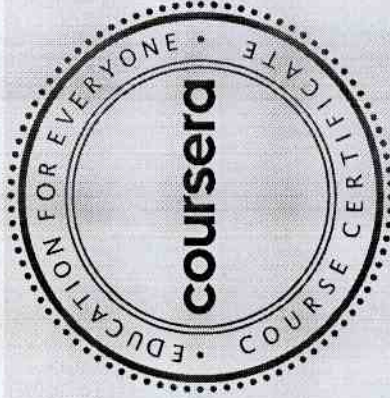
Python Basics

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

*Paul Resnick
Stephen Onye
Jaclyn Cohen*

Paul Resnick
Stephen Onye
Jaclyn Cohen

COURSE
CERTIFICATE



Verify at coursera.org/verify/9VFANLCEXNZP
Coursera has confirmed the identity of this individual and their
participation in the course.



Aug 12, 2021

Nidhi Srivastav

has successfully completed

Neural Networks and Deep Learning

an online non-credit course authorized by DeepLearning.AI and offered through Coursera

A handwritten signature in black ink, appearing to read "Andrew Ng".

Andrew Ng, Founder, DeepLearning.AI & Co-founder, Coursera
Kian Katanforoosh, Co-founder, Workera
Younes Bensouda Mourri, Instructor of AI, Stanford University

COURSE
CERTIFICATE



Verify at coursera.org/verify/LU69PG58BSWE
Coursera has confirmed the identity of this individual and their participation in the course.

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: NPTEL20ME88S51650073

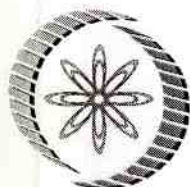
To
NIDHI SRIVASTAV
FLAT NO. E-801, MEWAR APARTMENT
PRATAP NAGAR, HALDIGHATI MARG,
JAIPUR
RAJASTHAN - 302033
PH. NO :9981381882



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
NIDHI SRIVASTAV
for successfully completing the course



Fundamentals of Artificial Intelligence

with a consolidated score of **85** %

Online Assignments	23.75/25	Proctored Exam	61.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **437**

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: NPTEL20ME88S51650073

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: NPTEL20EE56S71650257

To

NIKETA SHARMA
PLOT NO. A/42, F2, SHRI RADHEY KRISHNA
RESIDENCY, CHANDRA VATIKA,
MAHARANA PRATAP MARG, NEAR RANGOLI
GARDEN, VAISHALI NAGAR, JAIPUR
JAIPUR
RAJASTHAN - 302017
PH. NO :7014128907



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

NIKETA SHARMA

for successfully completing the course

Fabrication Techniques for MEMs-Based Sensors: Clinical Perspective

with a consolidated score of **69** %

Online Assignments	23.56/25	Proctored Exam	45/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 152


Prof. G. L. Sivakumar Babu
Chairman, Centre for Continuing Education
IISc Bangalore

Sep-Dec 2020
(12 week course)


Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore



Indian Institute of Science Bangalore



Roll No: NPTEL20EE56S71650257

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



08/26/2020

Niketa Sharma

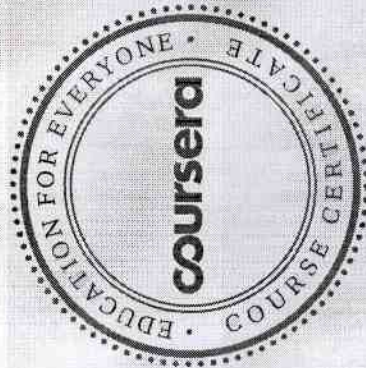
has successfully completed

Nanotechnology: A Maker's Course

an online non-credit course authorized by Duke University, North Carolina State University and The University of North Carolina at Chapel Hill and offered through Coursera

Jacob Jones, Professor, Materials Science and Engineering, North Carolina State University
Carrie Donley, Director of CHANL UNC Chapel Hill
Nan M. Jokerst, J. A. Jones Professor of Electrical and Computer Engineering, Electrical and Computer Engineering,
Duke University
James Cahoon, Assistant Professor, Chemistry, UNC Chapel Hill

COURSE
CERTIFICATE



Verify at coursera.org/verify/W4NQMSYEDV5F

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

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: NPTEL20CE44S41650254

To
NITESH AMBERIA
SECTOR 4 HOUSE NO. 325
VIDHYADHAR NAGAR
JAIPUR
RAJASTHAN - 302039
PH. NO :9602702064



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

NITESH AMBERIA

for successfully completing the course



Project Planning & Control

with a consolidated score of **83** %

Online Assignments	23.29/25	Proctored Exam	60/75
--------------------	----------	----------------	-------

Devendra Jali hal

Total number of candidates certified in this course: **518**

Prof. Devendra Jali hal
Chairman
Centre for Continuing Education, IITM

Sep-Nov 2020
(8 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20CE44S41650254

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

UC San Diego

Sep 20, 2021

Palika Jajoo

has successfully completed

Introduction to Big Data

an online non-credit course authorized by University of California San Diego and offered through Coursera

Ilkay Altintas

Ilkay Altintas
Chief Data Science Officer
San Diego Supercomputer Center

Anamath Gupta
Research Scientist
San Diego Supercomputer Center

COURSE
CERTIFICATE



Verify at coursera.org/verify/GFWCH73LW3DT
Coursera has confirmed the identity of this individual and their participation in the course.

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: NPTEL21CS19S13680929

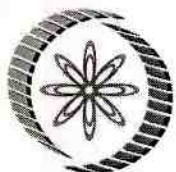
To
PALIKA JAJOO
25 A DIAMOND COLONY, SARASWATI NAGAR
BEHIND GOLD SOUK, JAWAHAR CIRCLE
JAIPUR
RAJASTHAN - 302017
PH. NO :9414499507



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

PALIKA JAJOO

for successfully completing the course



Introduction to Automata, Languages and Computation

with a consolidated score of **90** %

Online Assignments	24.69/25	Proctored Exam	65.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **95**

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

Jan-Apr 2021
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL21CS19S13680929

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: NPTEL20CS56S61650152

To
PALIKA JAJOO
S-2, 25 A DIAMOND COLONY, NEAR SARASWATI
NAGAR
BEHIND GOLD SOUK, JAWAHAR CIRCLE
JAIPUR
RAJASTHAN - 302017
PH. NO :9414499507



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

PALIKA JAJOO

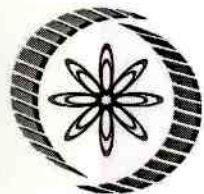
for successfully completing the course

Problem Solving through Programming in C

with a consolidated score of **89** %

Online Assignments	24.88/25	Programming Exam	25/25	Proctored Exam	39.5/50
--------------------	----------	------------------	-------	----------------	---------

Total number of candidates certified in this course: 1756



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

Sep-Dec 2020
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL20CS56S61650152

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: NPTEL20CS57S41650069

To
PALIKA JAJOO
S-2, 25 A DIAMOND COLONY, NEAR SARASWATI
NAGAR
BEHIND GOLD SOUK, JAWAHAR CIRCLE
JAIPUR
RAJASTHAN - 302017
PH. NO :9414499507

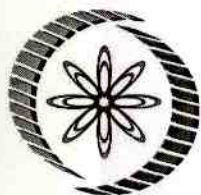


Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

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

PALIKA JAJOO

for successfully completing the course

Programming in C++

with a consolidated score of **64** %



Online Assignments	25/25	Programming Exam	14.25/25	Proctored Exam	25/50
--------------------	-------	------------------	----------	----------------	-------

Total number of candidates certified in this course: 267


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

Sep-Nov 2020
(8 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

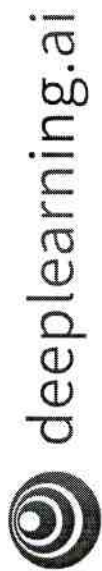


Indian Institute of Technology Kharagpur



Roll No: NPTEL20CS57S41650069

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



Sep 18, 2020

Palika Jajoo

has successfully completed

Neural Networks and Deep Learning

an online non-credit course authorized by deeplearning.ai and offered through Coursera

A handwritten signature in black ink, appearing to read "Andrew Ng".

Adjunct Professor Andrew Ng
Computer Science

COURSE
CERTIFICATE



Verify at coursera.org/verify/DUG43U4NVAEN
Coursera has confirmed the identity of this individual and their participation in the course.

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: NPTEL20CS92S71650221

To
DR PANKAJ DADHEECH
C-49, RAMNAGARIA SOUTH, (FLAT NO. S-2,
PRANGAN)
SHRI KISHANPURA, SANGANER, NEAR THE
CORNER CAFE & LOUNGE,
JAIPUR
RAJASTHAN - 303905
PH. NO : 9198877089

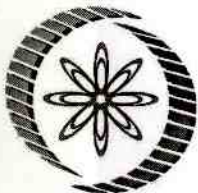


Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

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
DR PANKAJ DADHEECH
for successfully completing the course

Big Data Computing

with a consolidated score of 69 %

Online Assignments	24.08/25	Proctored Exam	45/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 563

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

Sep-Nov 2020
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL20CS92S71650221

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: NPTEL21CE01S13680876

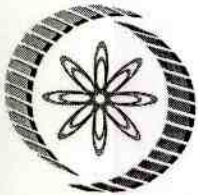
To
PANKAJ GUPTA
5/1, VIJAY PARK EXTENSION, LANE NO.6,
NEAR SHIV MANDIR
DEHRADUN
UTTARAKHAND - 248001
PH. NO :8755676917



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

PANKAJ GUPTA

for successfully completing the course

**Geotechnical Engineering II
Foundation Engineering**

with a consolidated score of **76** %

Online Assignments	22.6/25	Proctored Exam	53.25/75
--------------------	---------	----------------	----------

Total number of candidates certified in this course: 68


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

Jan-Apr 2021
(12 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL21CE01S13680876

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: NPTEL20CE38S81650583

To
PANKAJ GUPTA
5/1, VIJAY PARK EXTENSION, LANE NO.6,
NEAR SHIV MANDIR
DEHRADUN
UTTARAKHAND - 248001
PH. NO :8755676917

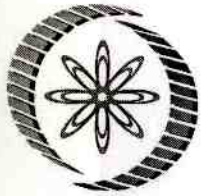


Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

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

PANKAJ GUPTA

for successfully completing the course

Soil Mechanics/Geotechnical Engineering I

with a consolidated score of **95** %

Online Assignments	23.13/25	Proctored Exam	72/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 281

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

Sep-Dec 2020
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL20CE38S81650583

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



deeplearning.ai

07/13/2020

Pankaj Kumar Jadwal

has successfully completed

Improving Deep Neural Networks:
Hyperparameter tuning, Regularization and
Optimization

an online non-credit course authorized by deeplearning.ai and offered through
Coursera

A handwritten signature in black ink, appearing to read "Andrew Ng".

Adjunct Professor Andrew Ng
Computer Science

COURSE
CERTIFICATE



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

Centre for Continuing Education

Indian Institute of Technology Kanpur



This is to certify that

PAWAN KUMAR JAIN

has participated in the course

Classical Electromagnetism - 1 (Electrostatics)

(August 15 to December 13, 2020)

and

the performance was Satisfactory/Good/Very Good/ Excellent /Outstanding

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

Prof. H. C. Verma (Retd.)
Department of Physics
IIT 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: NPTEL20PH16S51650139

To
PAWAN KUMAR JAIN
FLLAT F1, P.NO.16
RADHA NIKUNJ-C, KHEJRO KA BASS
JAIPUR
ACADEMIA - 302020
PH. NO :9828801324

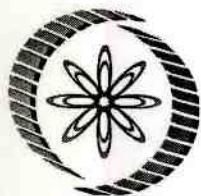


Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

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
PAWAN KUMAR JAIN
for successfully completing the course



Experimental Physics I

with a consolidated score of **86** %

Online Assignments	24.78/25	Proctored Exam	61.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 174


Prof. G P Raja Sekhar

Dean, Continuing Education
IIT Kharagpur

Sep-Dec 2020
(12 week course)


Prof. Debjani Chakraborty

Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL20PH16S51650139

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: NPTEL20CY17S31650169

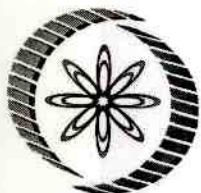
To
PAWAN KUMAR JAIN
FLAT F1, P.NO.16
RADHA NIKUNJ-C, KHEJRO KA BASS
JAIPUR
ACADEMIA - 302020
PH. NO :9828801324



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
PAWAN KUMAR JAIN
for successfully completing the course



Laser: Fundamentals and Applications

with a consolidated score of **96** %

Online Assignments	23.71/25	Proctored Exam	72/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 134

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

Sep-Nov 2020
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL20CY17S31650169

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



Nov 4, 2020

Pawan Kumar Jain

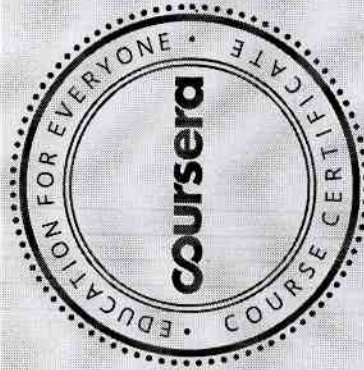
has successfully completed

The Data Scientist's Toolbox

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

Jeff Leek, PhD, Roger Peng, PhD, Brian Caffo, PhD
Department of Biostatistics
Johns Hopkins Bloomberg School of Public Health

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/9Z27P4G28BV

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

This certificate does not affirm that this learner was enrolled as a student at Johns Hopkins University. It does not confer a JHU grade, course credit or degree; establish a relationship between this learner and JHU; enroll or register this learner at JHU or in any course offered by JHU; or entitle this learner to access or use resources beyond the online courses provided by Coursera.

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: NPTEL20HS56S31650043

To
POOJA CHOUDHARY
POOJA CHOUDHARY, D/O HIRA LAL SIHAG,
437, KAILASH PURI
NEAR NARENDRA BHAWAN, BIKANER,
RAJASTHAN-334001
BIKANER
RAJASTHAN - 334001
PH. NO :9460869377

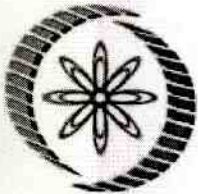


Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully Completed
< 40	No Certificate

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
POOJA CHOUDHARY
for successfully completing the course

Technical English for Engineers

with a consolidated score of **63** %

Online Assignments	16.67/25	Proctored Exam	46.5/75
--------------------	----------	----------------	---------

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 2014

Sep-Nov 2020
(8 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20HS56S31650043

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

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: NPTEL21CE13S13680813

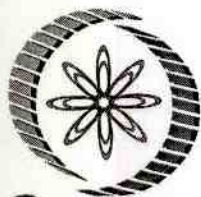
To
POOJA JAIN
A-133, MALVIYA NAGAR,
NEAR CALGIRI EYE HOSPITAL
JAIPUR
RAJASTHAN - 302017
PH. NO :9694909018



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

POOJA JAIN

for successfully completing the course



Maintenance and Repair of Concrete Structures

with a consolidated score of **77** %

Online Assignments	21.41/25	Proctored Exam	55.31/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **545**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2021
(12 week course)

Prof. Andrew Thangaraj
Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL21CE13S13680813

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: NPTEL21EE15S13680821

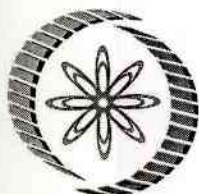
To
POOJA JAIN
10/144 SWARN PATH
MANSAROVAR
JAIPUR
RAJASTHAN - 302020
PH. NO :9785050506



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

POOJA JAIN

for successfully completing the course

Power System Engineering

with a consolidated score of **70** %

Online Assignments	15.1/25	Proctored Exam	54.75/75
--------------------	---------	----------------	----------

Total number of candidates certified in this course: **131**

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

Jan-Apr 2021
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL21EE15S13680821

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: NPTEL20EE68S51650325

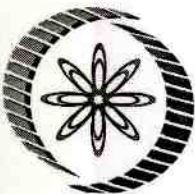
To
POOJA JAIN
10/144 SWARN PATH
MANSAROVAR
JAIPUR
RAJASTHAN - 302020
PH. NO :9785050506



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

POOJA JAIN

for successfully completing the course

Fundamentals of Electrical Engineering

with a consolidated score of **67** %

Online Assignments	23.22/25	Proctored Exam	43.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 127


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

Sep-Dec 2020
(12 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL20EE68S51650325

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

HONOUR CODE CERTIFICATE

Issued: 18 December 2020



IITBX

Infinite Learning

CDEEP

Dr Poonam Ojha

has successfully completed

SS101x: Soft Skills

an online course conducted from 15 July 2020 to 15 December 2020.

This course is offered by **IITBombayX**, an online learning initiative of **Indian Institute of Technology Bombay**.

Virendra Sethi

Virendra Sethi

Professor,
Department of Environmental Science and Engineering
IIT Bombay

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

Roll No: NPTEL21HS02S13680611

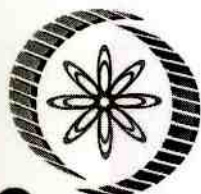
To
PRAMILA KUMAWAT
1/244
MALVIYA NAGAR
JAIPUR
RAJASTHAN - 302017
PH. NO :9829304298



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
PRAMILA KUMAWAT
for successfully completing the course



Enhancing Soft Skills and Personality

with a consolidated score of **76** %

Online Assignments	23.38/25	Proctored Exam	53.08/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 7339

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

Feb-Apr 2021
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No:NPTEL21HS02S13680611

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: NPTEL20EE63S71650106

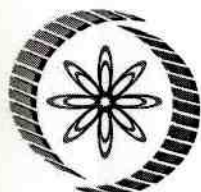
To
PRAVEEN KUMAR JAIN
DEPARTMENT OF ECE
SKIT, RAMNGARIA, JAGATPURA
JAIPUR
RAJASTHAN - 302017
PH. NO :9928652224



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
PRAVEEN KUMAR JAIN
for successfully completing the course

Microwave Theory and Techniques

with a consolidated score of **56** %

Online Assignments	23.44/25	Proctored Exam	32.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 115

Sep-Dec 2020
(12 week course)

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



Indian Institute of Technology Bombay



Roll No: NPTEL20EE63S71650106

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: NPTEL20EE93S81650182

To
PRAVEEN KUMAR JAIN
DEPARTMENT OF ECE
SKIT, RAMNGARIA, JAGATPURA
JAIPUR
RAJASTHAN - 302017
PH. NO :9928652224

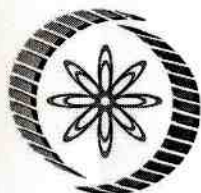


Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully Completed
< 40	No Certificate

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
PRAVEEN KUMAR JAIN
for successfully completing the course

Applied Electromagnetics for Engineers

with a consolidated score of **64** %

Online Assignments	20.44/25	Proctored Exam	43.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 73

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: NPTEL20EE93S81650182

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: NPTEL20ME58S81650522

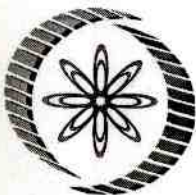
To
PRAVEEN SARASWAT
DEPARTMENT OF MECHANICAL ENGINEERING
SWAMI KESHVANAND INSTITUTE OF
TECHNOLOGY, MANAGEMENT & GRAMOTHAN
JAGATPURA
RAJASTHAN - 302017
PH. NO :9785018458



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
PRAVEEN SARASWAT
for successfully completing the course



Automation in Manufacturing

with a consolidated score of **86** %

Online Assignments	24.69/25	Proctored Exam	61.5/75
--------------------	----------	----------------	---------

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: NPTEL20ME58S81650522

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: NPTEL20ME66S31650128

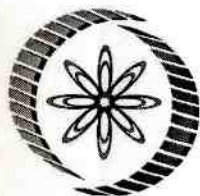
To
DR PREM SINGH
PLOT-17, FLAT-G1, SHRI SHYAM APARTMENT,
KESAR VIHAR COLONY
JAGATPURA
JAIPUR
RAJASTHAN - 302017
PH. NO :9828121978



Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully Completed
< 40	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

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

This certificate is awarded to

DR PREM SINGH

for successfully completing the course



Introduction to Mechanical Vibration

with a consolidated score of **86** %

Online Assignments	23.46/25	Proctored Exam	62.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 110


Prof. V. C. Srivastava

Coordinator, Continuing Education Centre
IIT Roorkee

Sep-Nov 2020
(8 week course)


Prof. Inderdeep Singh
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL20ME66S31650128

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: NPTEL20CS68S81650369

To
PRIYANKA
FF-1,84,VIRAST HEIGHTS-2,
STREET NO.5,MAHADEV NAGAR,JAGATPURA
JAIPUR
RAJASTHAN - 302017
PH. NO :7014475008



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

PRIYANKA

for successfully completing the course

Software Engineering

with a consolidated score of **72** %

Online Assignments	22.91/25	Proctored Exam	48.98/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 487

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

Sep-Dec 2020
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

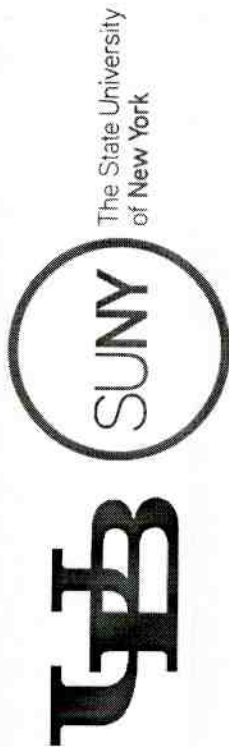


Indian Institute of Technology Kharagpur



Roll No: NPTEL20CS68S81650369

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



07/18/2020

Priyanka Trikha Bhardwaj

has successfully completed

Blockchain Basics

an online non-credit course authorized by University at Buffalo and The State University of New York and offered through Coursera

Bina Ramamurthy

Bina Ramamurthy
Teaching Professor
Computer Science and Engineering

COURSE
CERTIFICATE



Verify at coursera.org/verify/Q9X22W72GDGW
Coursera has confirmed the identity of this individual and
their participation in the course.

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: NPTEL20MG54S81650140

To
DR PRIYANKA BHASKAR
A-138, JAI NAGAR
MURLIPURA
JAIPUR
RAJASTHAN - 302039
PH. NO :9521850759

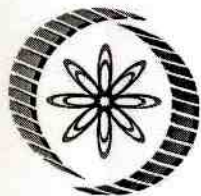


Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

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
DR PRIYANKA BHASKAR
for successfully completing the course

International Business

with a consolidated score of **63** %

Online Assignments	23.75/25	Proctored Exam	39.38/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 350

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



Roll No: NPTEL20MG54S81650140

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: NPTEL21CS32S13680660

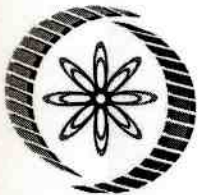
To
PRIYANKA SHARMA
PLOT NO. B- 5
KRISHNA PURI COLONY
JAIPUR
RAJASTHAN - 302002
PH. NO :8890606912



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

PRIYANKA SHARMA

for successfully completing the course



The Joy of Computing using Python

with a consolidated score of **77** %

Online Assignments	24.06/25	Programming Exam	25/25	Proctored Exam	28/50
--------------------	----------	------------------	-------	----------------	-------

Total number of candidates certified in this course: 3425

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Apr 2021
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL21CS32S13680660

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

M UNIVERSITY OF MICHIGAN

Aug 19, 2021

Priyanka Sharma

has successfully completed

Python Basics

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

*Paul Resnick
Stephen Onye
Jaclyn Cohen*

Paul Resnick
Stephen Onye
Jaclyn Cohen

COURSE
CERTIFICATE



Verify at coursera.org/verify/QCNUMR7DE9Z
Coursera has confirmed the identity of this individual and their
participation in the course.

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: NPTEL20CS75S41650147

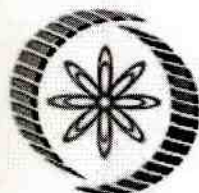
To
PRIYANKA SHARMA
PLOT NO. B-5
KRISHNA PURI COLONY
JAIPUR
RAJASTHAN - 302002
PH. NO :8890606912



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

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



This certificate is awarded to
PRIYANKA SHARMA
for successfully completing the course

Introduction to Operating Systems

with a consolidated score of **56** %

Online Assignments	20.42/25	Proctored Exam	35.21/75
--------------------	----------	----------------	----------

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 276

Sep-Nov 2020
(8 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20CS75S41650147

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: NPTEL20CS58S61650328

To
PRIYANKA SHARMA
PLOT NO. B-5
KRISHNA PURI COLONY
JAIPUR
RAJASTHAN - 302002
PH. NO :8890606912

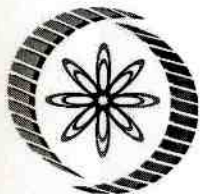


Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

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

PRIYANKA SHARMA

for successfully completing the course

Programming in Java

with a consolidated score of **77** %



Online Assignments	23.56/25	Programming Exam	23.25/25	Proctored Exam	30.34/50
--------------------	----------	------------------	----------	----------------	----------

Total number of candidates certified in this course: 3157


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

Sep-Dec 2020
(12 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL20CS58S61650328

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: NPTEL21CS85S13620529

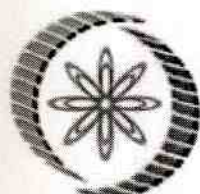
To
PRIYANKA SHARMA
PLOT NO. B-5
KRISHNA PURI COLONY
JAIPUR
RAJASTHAN - 302002
PH. NO :8890606912



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 SHARMA
for successfully completing the course

Introduction to Machine Learning

with a consolidated score of **66** %

Online Assignments	23.58/25	Proctored Exam	42.38/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **1383**



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

Jul-Sep 2021
(8 week course)



Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL21CS85S13620529

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: NPTEL20EE90S71650076

To
RAHUL PANDEY
SWAMI KESHWANAND INSTITUTE OF TECHNOLOGY
RAMNAGARIA JAGATPUR
JAGATPURA
JAIPUR
RAJASTHAN - 302017
PH. NO :7073903153

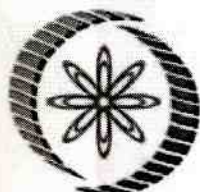


Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

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 PANDEY

for successfully completing the course

Control Systems

with a consolidated score of 86 %

Online Assignments	24/25	Proctored Exam	62.25/75
--------------------	-------	----------------	----------

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 606

Sep-Dec 2020
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20EE90S71650076

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

Centre for Continuing Education

Indian Institute of Technology Kanpur



This is to certify that

Dr. Raj Kumar Jain

has participated in the course

Classical Electromagnetism - 1 (Electrostatics)

(August 15 to December 13, 2020)

and

the performance was Satisfactory/Good/Very Good/ Excellent /Outstanding

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

Prof. H. C. Verma (Retd.)
Department of Physics
IIT 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: NPTEL21PH11S13680840

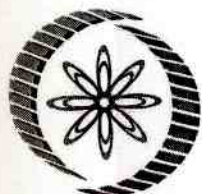
To
RAJIV KUMAR
S-2,25-A DIAMOND COLONY
SARASWATI NAGAR, BEHIND GOLD SOUK MALL
JAIPUR
RAJASTHAN - 302017
PH. NO :7597049105



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.



TOPPER

Elite

NPTEL Online Certification

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



This certificate is awarded to

RAJIV KUMAR

for successfully completing the course

Experimental Physics II.

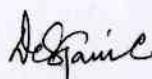
with a consolidated score of **96** %

Online Assignments	24.16/25	Proctored Exam	72/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 89


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

Jan-Apr 2021
(12 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL21PH11S13680840

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

Centre for Continuing Education

Indian Institute of Technology Kanpur



This is to certify that

Rajiv Kumar

has successfully completed the course

The story of Photoelectric Effect

(July 15 to August 17, 2021)

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

Prof. H. C. Verma (Retd.)
Department of Physics
IIT 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: NPTEL20PH22S51650165

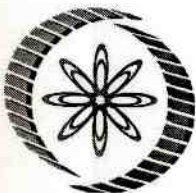
To
RAJIV KUMAR
S-2,25-A DIAMOND COLONY, NEAR SARASWATI
NAGAR
BEHIND GOLD SOUK MALL, JAIPUR
JAIPUR
RAJASTHAN - 302017
PH. NO : 7597049105



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

RAJIV KUMAR

for successfully completing the course

Waves and Oscillations

with a consolidated score of **88** %

Online Assignments	22.06/25	Proctored Exam	66/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 40

C. Harinath

Prof. Harinath Chakrapani
Dean, International Relations and Outreach
IISER Pune

Sep-Dec 2020
(12 week course)

Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



IISER - Indian Institute of Science Education
and Research Pune



Roll No: NPTEL20PH22S51650165

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

Centre for Continuing Education

Indian Institute of Technology Kanpur



This is to certify that

Rajiv Kumar

has participated in the course

Classical Electromagnetism - 1 (Electrostatics)

(August 15 to December 13, 2020)

and

the performance was Satisfactory/Good/Very Good/ Excellent /Outstanding

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

Prof. H. C. Verma (Retd.)
Department of Physics
IIT 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: NPTEL20EE98S71650007

To
MRS RAMMURTI MEENA
PUSHPKUNJ HOUSE NO:190/119
SECTOR-19, PRATAP NAGAR, SANGANER
JAIPUR
RAJASTHAN - 302033
PH. NO :9261167241

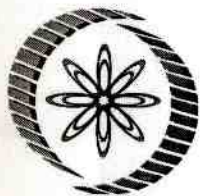


Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully Completed
< 40	No Certificate

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
MRS RAMMURTI MEENA
for successfully completing the course

Introduction to Embedded System Design

with a consolidated score of **66** %

Online Assignments	20.56/25	Proctored Exam	45/75
--------------------	----------	----------------	-------

Devendra Jali hal

Prof. Devendra Jali hal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 1371

Sep-Dec 2020
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20EE98S71650007

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: NPTEL20EE68S51650228

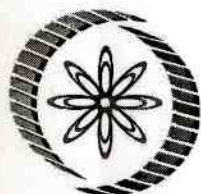
To
MRS RAMMURTI MEENA
PUSHPKUNJ HOUSE NO:190/119
SECTOR-19, PRATAP NAGAR, SANGANER
JAIPUR
RAJASTHAN - 302033
PH. NO :9261167241



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
MRS RAMMURTI MEENA
for successfully completing the course

Fundamentals of Electrical Engineering

with a consolidated score of **71** %

Online Assignments	22.69/25	Proctored Exam	48/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 127


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

Sep-Dec 2020
(12 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL20EE68S51650228

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

Verified Certificate



This is to certify that

Rashmi Dadhich

successfully completed and received a passing grade in

AI0101EN: AI for Everyone: Master the Basics

a course of study offered by IBM, an online learning initiative of IBM.

Rav Ahuja
AI and Data Science Program Director
IBM



Verified Certificate
Issued August 17, 2021

Valid Certificate ID

1cac63a26ab54959a9dfce91f710d715

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: NPTEL20CS90S51650324

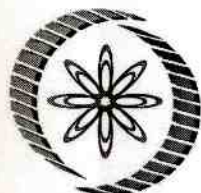
To
RASHMI DADHICH
DEPARTMENT OF COMPUTER SCIENCE AND
ENGINEERING
SWAMI KESHVANAND INSTITUTE OF
TECHNOLOGY, MANAGEMENT AND GRAMOTHAN,
JAGATPURA
JAIPUR
RAJASTHAN - 302017
PH. NO :9784175987



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
RASHMI DADHICH
for successfully completing the course

Computer Graphics

with a consolidated score of **65** %

Online Assignments	23.75/25	Proctored Exam	41.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 246

Sep-Nov 2020
(8 week course)


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



Indian Institute of Technology Guwahati



Roll No: NPTEL20CS90S51650324

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



Sep 17, 2021

Richa Rawal

has successfully completed

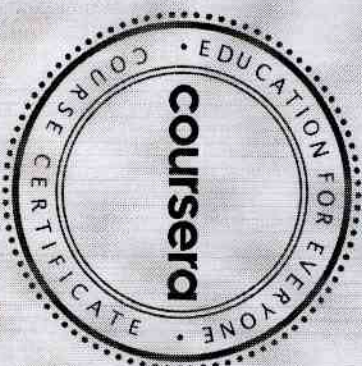
Programming Foundations with JavaScript, HTML
and CSS

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

Sally Ak name Richa

Susan H. Rodger, Professor of the Practice, Computer Science
Robert Duvall, Lecturer, Computer Science
Owen Astrachan, Professor of the Practice, Computer Science
Andrew D. Hilton, Assistant Professor of the Practice, Electrical and Computer Engineering

COURSE
CERTIFICATE



Verify at coursera.org/verify/8ZECG2YA9JN

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

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: NPTEL20CS68S81650652

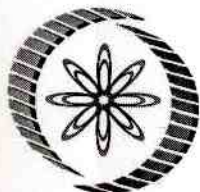
To
RICH A RAWAL
292-A, ASHOK VIHAR
JAGATPURA
JAIPUR
RAJASTHAN - 302017
PH. NO :8696903060



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

RICH A RAWAL

for successfully completing the course

Software Engineering

with a consolidated score of **53** %

Online Assignments	19.5/25	Proctored Exam	33.68/75
--------------------	---------	----------------	----------

Total number of candidates certified in this course: 487


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

Sep-Dec 2020
(12 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL20CS68S81650652

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: NPTEL21PH11S13680846

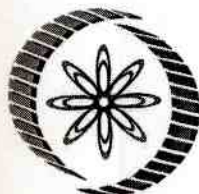
To
RISHI VYAS
F-2, PLOT NO-26, PURUSHARTH NAGAR-B
JAGATPURA
JAIPUR
RAJASTHAN - 302017
PH. NO :9828540040



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

RISHI VYAS

for successfully completing the course

Experimental Physics II

with a consolidated score of **87** %

Online Assignments	23.81/25	Proctored Exam	63/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 89


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

Jan-Apr 2021
(12 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No:NPTEL21PH11S13680846

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: NPTEL21PH12S23620013

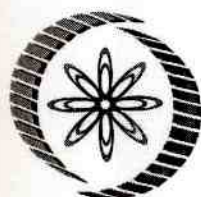
To
RISHI VYAS
F-2, PLOT NO-26, PURUSHARTH NAGAR-B
JAGATPURA
JAIPUR
RAJASTHAN - 302017
PH. NO :9828540040



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

RISHI VYAS

for successfully completing the course

Experimental Physics III

with a consolidated score of **72** %

Online Assignments	22.19/25	Proctored Exam	49.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 11


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

Jan-Apr 2021
(12 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



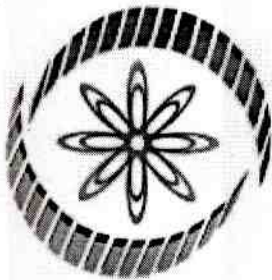
Indian Institute of Technology Kharagpur



Roll No: NPTEL21PH12S23620013

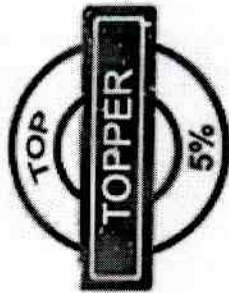
To validate and check scores: <https://npTEL.ac.in/noc/>

Elite



NPTEL Online Certification

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



This certificate is awarded to

RISHI VYAS

for successfully completing the course

Experimental Physics I

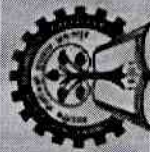
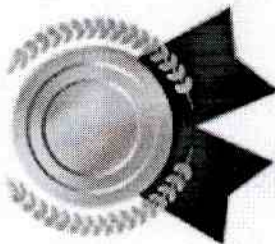
with a consolidated score of **84** %

Online Assignments	24.28/25	Proctored Exam	60/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **174**

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

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur





08/07/2020

Rishi Vyas

has successfully completed

Python Data Structures

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

A handwritten signature in black ink, appearing to read 'Charles'.

Charles Severance
Clinical Professor, School of Information
University of Michigan

COURSE
CERTIFICATE



Verify at coursera.org/verify/V2LMXEMXW9GP
Coursera has confirmed the identity of this individual and
their participation in the course.

M UNIVERSITY OF MICHIGAN

Sep 1, 2021

Ruchika Khandelwal

has successfully completed

Introduction to HTML5

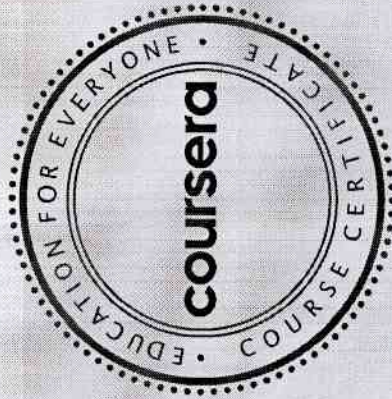
an online non-credit course authorized by University of Michigan and offered through
Coursera

Colleen van Lent *Charles*

Colleen van Lent, Ph.D.
Lecturer
School of Information, University of Michigan

Charles Severance
Clinical Professor, School of Information
University of Michigan

COURSE
CERTIFICATE



Verify at coursera.org/verify/DX3TNUWL5NC
Coursera has confirmed the identity of this individual and their
participation in the course.

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: NPTEL21CS18S13680730

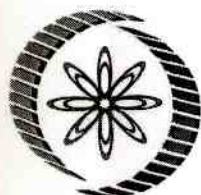
To
RUCHIKAKHANDELWAL
RAMNAGRIYA
JAGATPURA
JAIPUR
RAJASTHAN - 302017
PH. NO :91961034880



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)

Elite

This certificate is awarded to
RUCHIKAKHANDELWAL
for successfully completing the course

Computer Networks and Internet Protocol

with a consolidated score of **80** %

Online Assignments	23.66/25	Proctored Exam	56.63/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 657



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

Jan-Apr 2021
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL21CS18S13680730

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

M UNIVERSITY OF **MICHIGAN**

Sep 30, 2020

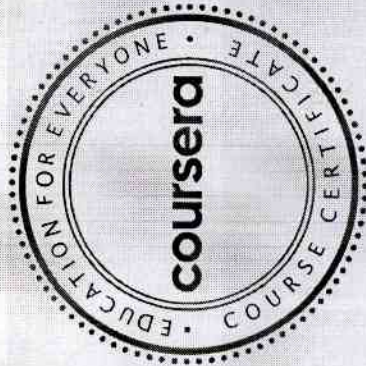
Ruchika Khandelwal

has successfully completed

Introduction to HTML5

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

COURSE
CERTIFICATE



Colleen van Lent *Charles Severance*

Colleen van Lent, Ph.D.
Lecturer
School of Information, University of Michigan

Charles Severance
Clinical Professor, School of Information
University of Michigan

Verify at coursera.org/verify/S8463SCBV4NN

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

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: NPTEL20CS90S51650338

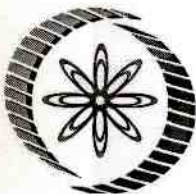
To
DR SANWTA RAM DOGIWAL
SKIT
RAMNAGARIA, JAGATPURA
JAIPUR
RAJASTHAN - 302017
PH. NO :9829239060



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
DR SANWTA RAM DOGIWAL
for successfully completing the course

Computer Graphics

with a consolidated score of **67** %

Online Assignments	20.42/25	Proctored Exam	46.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 246

Sep-Nov 2020
(8 week course)

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



Indian Institute of Technology Guwahati



Roll No: NPTEL20CS90S51650338

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



MACQUARIE
University
SYDNEY • AUSTRALIA

07/10/2020

Sangeeta Choudhary

has successfully completed

Excel Skills for Business: Essentials

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

Nancy R. O. De Paoli, B.Sc. (Hons.), M.A., Ph.D., Professor Vinita Singh

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/4TQAVTTRg8sZ
Coursera has confirmed the identity of this individual and
their participation in the course.



Jul 20, 2020

SANGEETA VYAS

has successfully completed

COVID-19 Contact Tracing

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

Dr. Emily S. Gurley
Associate Scientist
Department of Epidemiology
Johns Hopkins Bloomberg School of Public Health

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/WQJFMGX6VQ3

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

This certificate does not affirm that this learner was enrolled as a student at Johns Hopkins University. It does not confer a JHU grade, course credit or degree; establish a relationship between this learner and JHU; enroll or register this learner at JHU or in any course offered by JHU; or entitle this learner to access or use resources beyond the online courses provided by Coursera.

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: NPTEL20ME79S51650262

To
SANJAY CHOUDHARY
76-INCOME TAX COLONY 1ST
MODEL TOWN JAGATPURA ROAD
JAIPUR
RAJASTHAN - 302017
PH. NO :9587838444



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
SANJAY CHOUDHARY
for successfully completing the course

Engineering Drawing and Computer Graphics

with a consolidated score of **97** %

Online Assignments	23.84/25	Proctored Exam	73.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 288

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

Sep-Dec 2020
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

UCI University of California, Irvine

Sep 13, 2021

Sarabjeet Singh

has successfully completed

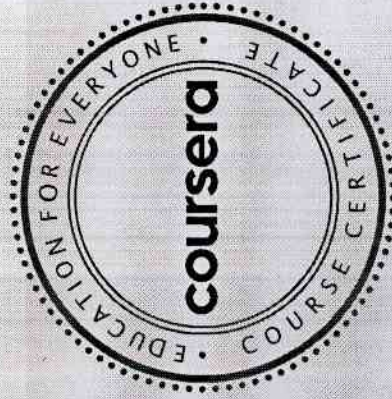
Introduction to the Internet of Things and
Embedded Systems

an online non-credit course authorized by University of California, Irvine and offered
through Coursera



Ian Harris
Professor
Department of Computer Science

COURSE
CERTIFICATE



Verify at coursera.org/verify/FV8SMN7F6XKU
Coursera has confirmed the identity of this individual and their
participation in the course.

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: NPTEL21CS37S13680899

To
SARABJEET SINGH
PLOT 116 F-1 PARK VIEW APARTMENT VINAYAK
ENCLAVE RAMNAGARIA
JAIPUR
RAJASTHAN - 302017
PH. NO :9828483582



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

SARABJEET SINGH

for successfully completing the course



Computer Organization and Architecture: A Pedagogical Aspect

with a consolidated score of **86** %

Online Assignments	24.25/25	Proctored Exam	61.5/75
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Total number of candidates certified in this course: 40

Jan-Apr 2021
(12 week course)

Hemant B Kaushik

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



Indian Institute of Technology Guwahati



Roll No: NPTEL21CS37S13680899

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: NPTEL20CS66S81650608

To
SARABJEET SINGH
PLOT 116 F-1 PARK VIEW APARTMENT VINAYAK
ENCLAVE RAMNAGARIA
JAIPUR
RAJASTHAN - 302017
PH. NO :9828483582

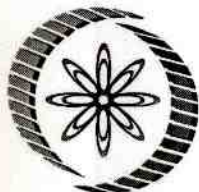


Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully Completed
< 40	No Certificate

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

SARABJEET SINGH

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **70** %

Online Assignments	23.09/25	Proctored Exam	46.5/75
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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



Roll No: NPTEL20CS66S81650608

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: NPTEL20ME67S81650538

To

SAURABH GUPTA
PLOT NO. 78 LAJPAT NAGAR JAGATPURA
JAIPUR
JAGATPURA JAIPUR
JAIPUR
RAJASTHAN - 302017
PH. NO :9636014447

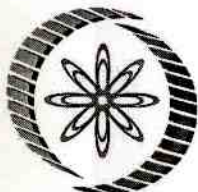


Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully Completed
< 40	No Certificate

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

SAURABH GUPTA

for successfully completing the course



Fundamentals of Manufacturing Processes

with a consolidated score of **76** %

Online Assignments	22.19/25	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



Roll No: NPTEL20ME67S81650538

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: NPTEL20CE56S81650441

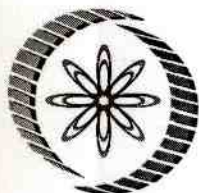
To
SAURABH SINGH
LP1, D-14
SHREE RAM RESIDENCY, RAMNAGAR EXT. D
JAIPUR
RAJASTHAN - 302019
PH. NO :7791906314



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

SAURABH SINGH

for successfully completing the course

Municipal Solid Waste Management

with a consolidated score of **55** %

Online Assignments	21.78/25	Proctored Exam	33.25/75
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Total number of candidates certified in this course: 868

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: NPTEL20CE56S81650441

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



07/17/2020

Shalini Singhal

has successfully completed

Programming for Everybody (Getting Started with Python)

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

A handwritten signature in black ink, appearing to read 'Charles'.

Charles Severance
Clinical Professor, School of Information
University of Michigan

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/K4LCH3CZERV8
Coursera has confirmed the identity of this individual and
their participation in the course.



Elite NPTEL Online Certification

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



This certificate is awarded to
SHANU TRIPATHI
for successfully completing the course

Emotional Intelligence

with a consolidated score of **85** %

Online Assignments	23.83/25	Proctored Exam	61.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **3786**

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

Jan-Mar 2021
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL21HS04S11660105

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

UCI University of California, Irvine

COURSE CERTIFICATE

Sep 4, 2021

Shanu Tripathi

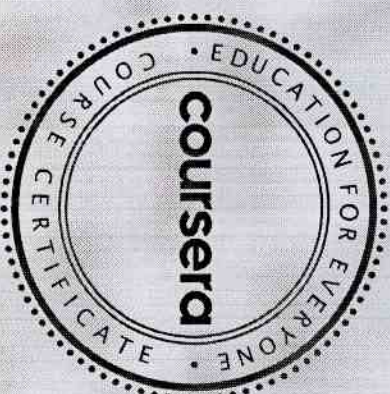
has successfully completed

Interfacing with the Arduino

an online non-credit course authorized by University of California, Irvine and offered
through Coursera

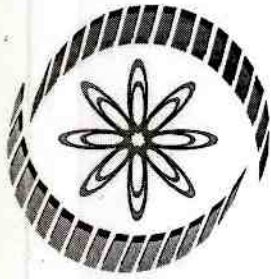


Ian Harris
Professor
Department of Computer Science



Verify at coursera.org/verify/G7LNMTK6PG4H

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



Elite

NPTEL Online Certification

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



This certificate is awarded to

SHANU TRIPATHI

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of 72 %

Online Assignments	23.91/25	Proctored Exam	48/75
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Total number of candidates certified in this course: 4785

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

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Sep-Dec 2020

(12 week course)



Indian Institute of Technology Kharagpur



Roll No: NPTEL20CS66S81650623

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

VANDERBILT UNIVERSITY

07/26/2020

Shanu Tripathi

has successfully completed

Introduction to Programming with MATLAB

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

COURSE
CERTIFICATE



Akcs Leduczi

Akcs Leduczi, Ph.D.
Professor
Computer Engineering, Computer Science, and
Electrical Engineering

J. Michael Fitzpatrick

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

Verify at coursera.org/verify/T7K7CW6M5Q63
Coursera has confirmed the identity of this individual and
their participation in the course.

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: NPTEL20EE63S71650142

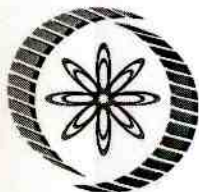
To
SHUBHI JAIN
C-6A, DEV NAGAR TONK ROAD JAIPUR
RAJASTHAN - 302018
PH. NO :9468783437



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

SHUBHI JAIN

for successfully completing the course

Microwave Theory and Techniques

with a consolidated score of **57** %

Online Assignments	23.44/25	Proctored Exam	33.75/75
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Total number of candidates certified in this course: 115

Sep-Dec 2020
(12 week course)

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



Indian Institute of Technology Bombay



Roll No: NPTEL20EE63S71650142

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: NPTEL21ME27S11660257

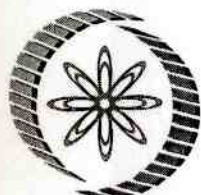
To
SUDESH GARG
89 VASUDEVPURI-A
KALWAR ROAD, JHOTWARA
JAIPUR
RAJASTHAN - 302012
PH. NO :9024693951



Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully Completed
< 40	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

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



This certificate is awarded to

SUDESH GARG

for successfully completing the course

Mechatronics

with a consolidated score of **55** %

Online Assignments	24.58/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **310**

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

Jan-Mar 2021
(8 week course)

Prof. Inderdeep Singh
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL21ME27S11660257

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: NPTEL20ME58S81650570

To
SUDESH GARG
89 VASUDEVPURI-A
KALWAR ROAD, JHOTWARA
JAIPUR
RAJASTHAN - 302012
PH. NO :9024693951



Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully Completed
< 40	No Certificate

of credits recommended by NPTEL:3

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

SUDESH GARG

for successfully completing the course

Automation in Manufacturing

with a consolidated score of **79** %

Online Assignments	23.44/25	Proctored Exam	55.5/75
--------------------	----------	----------------	---------

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

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: NPTEL21GE08S13680877

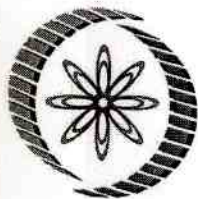
To
SUMAN SHARMA
A-235, 236, DR. RAJENDRA PRASAD NAGAR,
NIRMAN NAGAR, JAIPUR-302019
JAIPUR
RAJASTHAN - 302019
PH. NO :9785132891



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

SUMAN SHARMA

for successfully completing the course

NBA Accreditation and Teaching - Learning in Engineering (NATE)

with a consolidated score of - **61** %

Online Assignments	21.56/25	Proctored Exam	39.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **421**

Prof. G. L. Sivakumar Babu
Chairman, Center for Continuing Education
IISc Bangalore

Jan-Apr 2021
(12 week course)

Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore



Indian Institute of Science Bangalore



Roll No: NPTEL21GE08S13680877

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: NPTEL20EE60S71650146

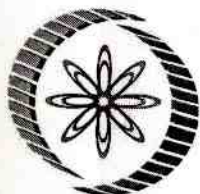
To
SUMAN SHARMA
C/O 62-A, SHIVAJI NAGAR
CIVIL LINES
JAIPUR
RAJASTHAN - 302006
PH. NO :9414980293



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

SUMAN SHARMA

for successfully completing the course

Electrical Machines - I

with a consolidated score of **73** %

Online Assignments	17.53/25	Proctored Exam	55.76/75
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Total number of candidates certified in this course: 317

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

Sep-Dec 2020
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL20EE60S71650146

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: NPTEL20MA37551650263

To
SURBHI SHARMA
219-B GANESH MARG SURYA NAGAR
GOPALPURA BYEPASS
JAIPUR
RAJASTHAN - 302015
PH. NO :6376811988



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.

Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully Completed
< 40	No Certificate



Elite NPTEL Online Certification

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



This certificate is awarded to
SURBHI SHARMA
for successfully completing the course

Engineering Mathematics - I

with a consolidated score of **60** %

Online Assignments	22.72/25	Proctored Exam	37.5/75
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Total number of candidates certified in this course: 133


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

Sep-Dec 2020
(12 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL20MA37551650263

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

HONOUR CODE
CERTIFICATE
Issued: 18 December 2020



IITBX
Infinite Learning

CDEEP

Dr. Swati Joshi

has successfully completed

SS101x: Soft Skills

an online course conducted from 15 July 2020 to 15 December 2020.

This course is offered by **IITBombayX**, an online learning initiative of **Indian Institute of Technology Bombay**.

Virendra Sethi

Virendra Sethi
Professor,
Department of Environmental Science and Engineering
IIT Bombay

The Honour Code is elaborated in <https://www.iitbombayx.in/honour>
*Authenticity of this certificate can be verified in <https://certificate.iitbombayx.in/download/459e6af1cd6624d098d48b14e17aeb03a/Certificate.pdf>

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: NPTEL20EE90S71650092

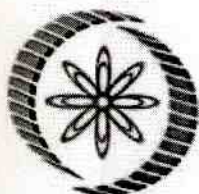
To
TARUN NARUKA
533/21 NARUKA BHAWAN
NAWAB KA BERA AJMER
AJMER
RAJASTHAN - 305001
PH. NO :7665880996



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
TARUN NARUKA
for successfully completing the course

Control Systems

with a consolidated score of **73** %

Online Assignments	23.75/25	Proctored Exam	49/75
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Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 606

Sep-Dec 2020
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20EE90S71650092

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: NPTEL20MA43S31650287

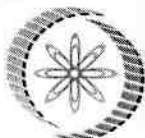
To
VIJAY KUMAR SINGHAL
8-B, SHIV NAGAR-II
MURLIPURA SCHEME
JAIPUR
RAJASTHAN - 302039
PH. NO :9214517850



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
VIJAY KUMAR SINGHAL
for successfully completing the course



Laplace Transform

with a consolidated score of **81** %

Online Assignments	24.08/25	Proctored Exam	56.75/75
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Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **105**

Sep-Oct 2020
(4 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20MA43S31650287

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



THE HONG KONG
UNIVERSITY OF SCIENCE
AND TECHNOLOGY

07/01/2020

VIJAY KUMAR SINGHAL

has successfully completed

Matrix Algebra for Engineers

an online non-credit course authorized by The Hong Kong University of Science and Technology and offered through Coursera


Jeffrey K. Chasnov
Professor
Department of Mathematics

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/UpK5FS3DTGP6
Coursera has confirmed the identity of this individual and
their participation in the course.

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: NPTEL21EE22S13680915

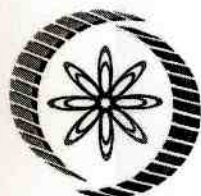
To
VIKAS PATHAK
ASSOCIATE PROFESSOR, ECE DEPARTMENT,
SKIT COLLEGE, RAMNAGARIA, JAGATPURA
JAIPUR
RAJASTHAN - 302017
PH. NO :8503856191



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

VIKAS PATHAK

for successfully completing the course

Digital IC Design

with a consolidated score of **44** %

Online Assignments	14.1/25	Proctored Exam	30/75
--------------------	---------	----------------	-------

Total number of candidates certified in this course: 35

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Apr 2021
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL21EE22S13680915

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: NPTEL21CS18S23681247

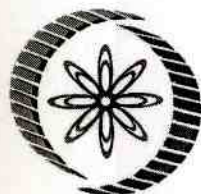
To
VIKAS PATHAK
ASSOCIATE PROFESSOR, ECE DEPARTMENT,
SKIT COLLEGE, RAMNAGARIA, JAGATPURA
JAIPUR
RAJASTHAN - 302017
PH. NO :8503856191



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

VIKAS PATHAK

for successfully completing the course

Computer Networks and Internet Protocol

with a consolidated score of **60** %

Online Assignments	19/25	Proctored Exam	41.25/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **657**


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

Jan-Apr 2021
(12 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL21CS18S23681247

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: NPTEL20EE85S71650169

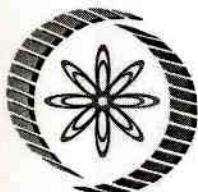
To
VIKAS PATHAK
ASSOCIATE PROFESSOR, ECE DEPARTMENT,
SKIT COLLEGE, RAMNAGARIA, JAGATPURA
JAIPUR
RAJASTHAN - 302017
PH. NO :8503856191



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

VIKAS PATHAK

for successfully completing the course

Microelectronics: Devices to Circuits

with a consolidated score of **69** %

Online Assignments	20.91/25	Proctored Exam	48/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 157

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



Roll No: NPTEL20EE85S71650169

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: NPTEL20EE77S51650243

To

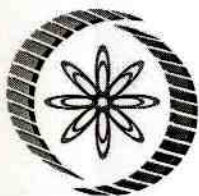
VIKAS PATHAK
ASSOCIATE PROFESSOR, ECE DEPARTMENT,
SKIT COLLEGE, RAMNAGARIA, JAGATPURA
JAIPUR
RAJASTHAN - 302017
PH. NO :8503856191



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

VIKAS PATHAK

for successfully completing the course

Semiconductor Devices and Circuits

with a consolidated score of **52** %

Online Assignments	20.31/25	Proctored Exam	31.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 148

Prof. G. L. Sivakumar Babu
Chairman, Centre for Continuing Education
IISc Bangalore

Sep-Dec 2020
(12 week course)

Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore



Indian Institute of Science Bangalore



Roll No: NPTEL20EE77S51650243

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: NPTEL20EE57S71650240

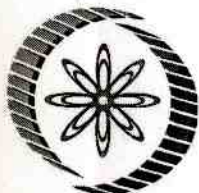
To
VIKAS RANVEER SINGH MAHALA
EE DEPT. SKIT COLLEGE
RAMNAGARIYA JAGATPURA
JAIPUR
RAJASTHAN - 302017
PH. NO :9351066315



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
VIKAS RANVEER SINGH MAHALA

for successfully completing the course

Design of Photovoltaic Systems

with a consolidated score of **56** %

Online Assignments	21.13/25	Proctored Exam	34.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 191


Prof. G. L. Sivakumar Babu
Chairman, Centre for Continuing Education
IISc Bangalore

Sep-Dec 2020
(12 week course)


Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore



Indian Institute of Science Bangalore



Roll No: NPTEL20EE57S71650240

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: NPTEL20CE56S81650268

To
VIKAS VYAS
C 38 NIRMAN NAGAR NEAR SHYAM NAGAR THANA
AJMER ROAD
JAIPUR, RAJASTHAN
JAIPUR
RAJASTHAN - 302019
PH. NO : 7737786532

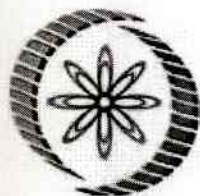


Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

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

VIKAS VYAS

for successfully completing the course

Municipal Solid Waste Management

with a consolidated score of **60** %

Online Assignments	23.13/25	Proctored Exam	36.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 868

Sep-Dec 2020
(12 week course)


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

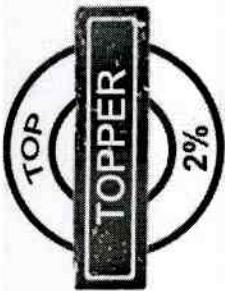
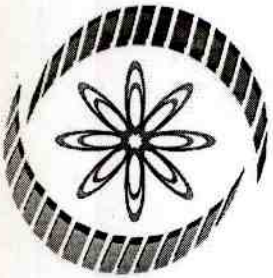


Indian Institute of Technology Guwahati



Roll No: NPTEL20CE56S81650268

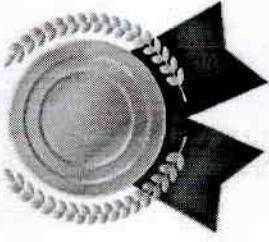
To validate and check scores: <https://nptel.ac.in/noc/>



Elite

NPTEL Online Certification

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



This certificate is awarded to

VINAY SINGH MARWAL

for successfully completing the course

Automation in Manufacturing

with a consolidated score of **97** %

Online Assignments	25.00/25	Proctored Exam	72/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **1136**

Sep-Dec 2020
(12 week course)

Hemant B Kaushik

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



Indian Institute of Technology Guwahati



Roll No: NPTEL20ME58S81650173

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: NPTEL20ME50S51650037

To
VINAY SINGH MARWAL
HOUSE NO 67 / 227 ; SECTOR-6 PRATAP
NAGAR
SANGANER
JAIPUR
RAJASTHAN - 302033
PH. NO :9116618210

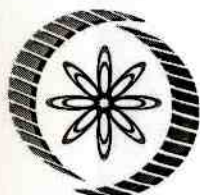


Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

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
VINAY SINGH MARWAL
for successfully completing the course

Rapid Manufacturing

with a consolidated score of **85** %

Online Assignments	24.06/25	Proctored Exam	60.46/75
--------------------	----------	----------------	----------

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: NPTEL20ME50S51650037

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: NPTEL21CS41523681419

To
VINOD KATARIA
6/358 SFS AGARWAL FARM MANSAROVER
NEAR GAJ PATH
JAIPUR
RAJASTHAN - 302020
PH. NO :9214513483



Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 80	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
VINOD KATARIA
for successfully completing the course

Computer Architecture

with a consolidated score of **65** %

Online Assignments	21.25/25	Proctored Exam	43.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 242

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Apr 2021
(12 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL21CS41523681419

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: NPTEL20ME67S81650209

To
VISHNU JANGID
SKIT COLLEGE, RAMNAGARIYA, JAGATPURA,
JAIPUR
MECHANICAL ENGINEERING DEPARTMENT
JAIPUR
JAIPUR - 302017
PH. NO :9680130905

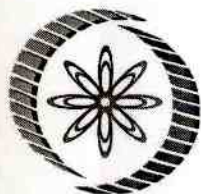


Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

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

VISHNU JANGID

for successfully completing the course



Fundamentals of Manufacturing Processes

with a consolidated score of **90** %

Online Assignments	22.5/25	Proctored Exam	67/75
--------------------	---------	----------------	-------

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



Roll No: NPTEL20ME67S81650209

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: NPTEL20MA43S31650183

To
VIVEK VIJAY
DEPARTMENT OF MATHEMATICS
SWAMI KESHVANAND INSTITUTE OF
TECHNOLOGY, MANAGEMENT & GRAMOTHAN,
JAGATPURA
JAIPUR
RAJASTHAN - 302017
PH. NO :9950863661



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
VIVEK VIJAY
for successfully completing the course

Laplace Transform

with a consolidated score of **99** %

Online Assignments	24.33/25	Proctored Exam	75/75
--------------------	----------	----------------	-------

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **105**

Sep-Oct 2020
(4 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras

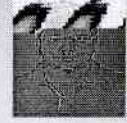


Roll No: NPTEL20MA43S31650183

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



अखिल भारतीय तकनीकी शिक्षा परिषद



प्रमाणित किया जाता है कि

योगेंद्र कुमार गुप्ता

एनआईटीटीटी पंजीयन क्रमांक : 20202111165

ने

राष्ट्रीय तकनीकी शिक्षक प्रशिक्षण पहल

के अंतर्गत

मॉड्यूल 1 : तकनीकी शिक्षा और पाठ्यचर्या पहलुओं का अभिविन्यास
को सफलता पूर्वक पूर्ण किया।

All India Council for Technical Education (AICTE)



This is to certify that
YOGENDRA KUMAR GUPTA

NITTT Registration No: 20202111165

has successfully completed

Module 1: Orientation towards Technical Education and Curriculum Aspects

of

National Initiative for Technical Teachers Training

[Signature]

Director
NITTT, Bhopal



[Signature]

Director
NITTT, Chandigarh



[Signature]

Member Secretary
AICTE



[Signature]

Director
NITTT, Chennai



[Signature]

Director
NITTT, Kolkata



FEBRUARY 2021



Oct 24, 2020

Yogendra Gupta

has successfully completed

Data Collection and Processing with Python

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

**COURSE
CERTIFICATE**



Paul Resnick *Jaclyn Cohen*

Paul Resnick
Michael D. Cohen Collegiate Professor
School of Information

Jaclyn Cohen
Lecturer
School of Information

Verify at coursera.org/verify/4DY5CPKGLWD5
Coursera has confirmed the identity of this individual and their
participation in the course.

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: NPTEL19EE46S31500198

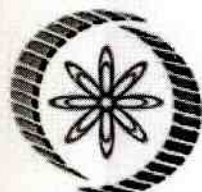
To
ABHINANDAN JAIN
66 WAIR HOUSE COLONY BAZARIA
SAWAI MADHOPUR
RAJASTHAN
322001
PH. NO :7891395110



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
ABHINANDAN JAIN
for successfully completing the course
Analog Communication

with a consolidated score of **66** %

Online Assignments	19.69/25	Proctored Exam	46.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 872

Jul-Oct 2019
(12 week course)

A. Goswami
Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19EE46S31500198

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

UCI University of
California, Irvine

05/23/2020

ABHINANDAN JAIN

has successfully completed

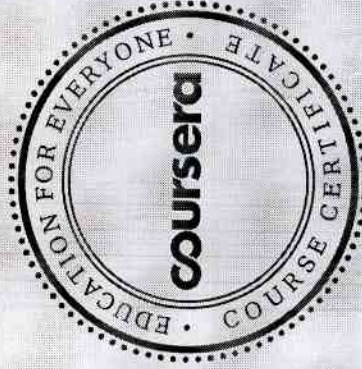
The Arduino Platform and C Programming

an online non-credit course authorized by University of California, Irvine and offered
through Coursera

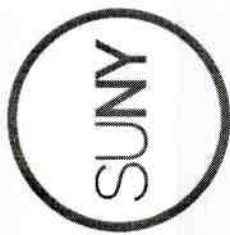


Ian Harris
Professor
Department of Computer Science

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/UW3PZY6CQGL.
Coursera has confirmed the identity of this individual and
their participation in the course.



The State University
of New York

05/20/2020

ABHINANDAN JAIN

has successfully completed

Digital Manufacturing & Design

an online non-credit course authorized by University at Buffalo and The State
University of New York and offered through Coursera

Ken English
Deputy Director
Sustainable Manufacturing and Advanced Robotic Technologies Community of Excellence at the University at Buffalo

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/XN95A9LLPR8L
Coursera has confirmed the identity of this individual and
their participation in the course.



06/05/2020

ABHINANDAN JAIN

has successfully completed

Nanotechnology and Nanosensors, Part1

an online non-credit course authorized by Technion - Israel Institute of Technology and offered through Coursera

A handwritten signature in black ink, appearing to read 'Haick'.

Prof. Hossam Haick
Head of the Laboratory for Nanomaterial-Based Devices (LNBD) and Volatile Biomarkers
Department of Chemical Engineering and Russell Berrie Nanotechnology Institute
Technion - Israel Institute of Technology

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/WFVBVHR8FDPQ
Coursera has confirmed the identity of this individual and
their participation in the course.



05/21/2020

ACHIN SRIVASTAV

has successfully completed

Programming for Everybody (Getting Started with Python)

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

A handwritten signature in black ink, appearing to read 'Charles'.

Charles Severance
Clinical Professor, School of Information
University of Michigan

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/8EE5EP2QFZ3P
Coursera has confirmed the identity of this individual and
their participation in the course.



06/02/2020

ACHIN SRIVASTAV

has successfully completed

Introduction to Data Science in Python

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

A handwritten signature in black ink, appearing to read 'Chris Brooks'.

Christopher Brooks
Research Assistant Professor
School of Information

COURSE
CERTIFICATE



Verify at coursera.org/verify/YK3XQZTYSVLB
Coursera has confirmed the identity of this individual and
their participation in the course.

Centre for Continuing Education

Indian Institute of Technology Kanpur



This is to certify that

AJAY KUMAR SHARMA

has participated in the course

Basics of Quantum Mechanics

(August 15 to November 18, 2019)

and

the performance was Satisfactory/Good/Excellent/Outstanding

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

Prof. H. C. Verma (Retd.)
Department of Physics
IIT Kanpur

Centre for Continuing Education

Indian Institute of Technology Kanpur



This is to certify that

AJAY KUMAR SHARMA

has participated in the course

Advanced Course on Special theory of Relativity

(January 26 to May 19, 2020)

and

the performance was Satisfactory/Good/Very Good/ Excellent /Outstanding

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

Prof. H. C. Verma (Retd.)
Department of Physics
IIT Kanpur



05/27/2020

Anjana Sangwan

has successfully completed

Programming for Everybody (Getting Started with Python)

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

A handwritten signature in black ink, appearing to read 'Charles'.

Charles Severance
Clinical Professor, School of Information
University of Michigan

COURSE
CERTIFICATE



Verify at coursera.org/verify/VMSS4BSAV4M9
Coursera has confirmed the identity of this individual and
their participation in the course.

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: NPTEL20PH07S11650094

To
ANKIT AGARWAL
SWAMI KESHVANAND INSTITUTE OF
TECHNOLOGY, MANAGEMENT & GRAMOTHAN
RAMNAGARIA, JAGATPURA
JAIPUR
RAJASTHAN - 302017
PH. NO :7877556914

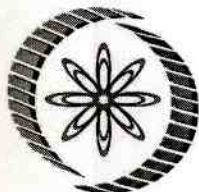


Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully Completed
< 40	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite



NPTEL Online Certification

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



This certificate is awarded to
ANKIT AGARWAL

for successfully completing the course

Fiber Optics

with a consolidated score of **64** %

Online Assignments	21.25/25	Proctored Exam	42.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 26

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

Jan-Mar 2020
(8 week course)

Prof. Inderdeep Singh
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL20PH07S11650094

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: NPTEL19MM23S11430240

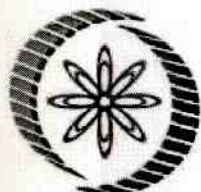
To
ANKIT AGARWAL
116, G-1, PARK VIEW APARTMENT
JAGATPURA
JAIPUR
RAJASTHAN
302017
PH. NO :7877556914



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

ANKIT AGARWAL

for successfully completing the course

Fundamentals of Electronic Device Fabrication

with a consolidated score of **73** %

Online Assignments	21.67/25	Proctored Exam	51/75
--------------------	----------	----------------	-------

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 396

Jul-Aug 2019
(4 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

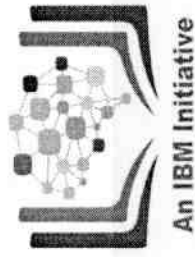


Indian Institute of Technology Madras



Roll No: NPTEL19MM23S11430240

To validate and check scores: <http://npTEL.ac.in/noc>



**COGNITIVE
CLASS.ai**



This is to certify that

Ankit Agarwal

successfully completed and received a passing grade in

Machine Learning with Python

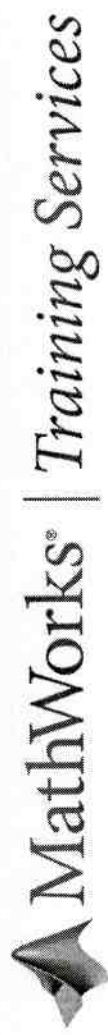
(ML0101ENV3, provided by Cognitive Class)

an online course on **Cognitive Class**.

November 12, 2019

Authenticity of this certificate can be validated by going to:

<https://courses.cognitiveclass.ai/certificates/97355884b0f94047ba45d93fa0655d8b>



Course Completion Certificate

Ankit Agarwal

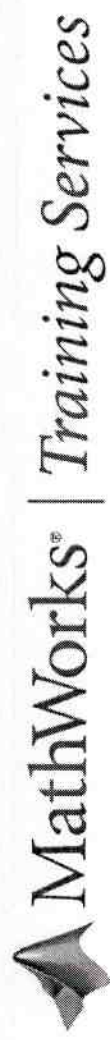
has successfully completed 100% of the self-paced training course

MATLAB Onramp

A handwritten signature in black ink, appearing to read 'P. J. Santos'.

DIRECTOR, TRAINING SERVICES

29 April 2020



Course Completion Certificate

Ankit Agarwal

has successfully completed 100% of the self-paced training course

Machine Learning Onramp

A handwritten signature in black ink, appearing to read 'Rajesh Kumar', positioned above a horizontal line.

DIRECTOR, TRAINING SERVICES

05 May 2020

SWAYAM ONLINE COURSE CERTIFICATION

This certificate is awarded to

Anupriya Singh

for successfully completing the four credit course

Literary Criticism

with a consolidated score of 82%

from the evaluation based on continuous online assessments and the proctored examination held in month of November 2019.



Roll No. : 202562

This course was offered by Dr. C G Shyamala of University of Calicut

Marks in Online Assignments		Marks in proctored Exam		Total Score	
Total	Obtained	Total	Obtained	Total	Obtained
30	30	70	52	100	82



J. B. Nadda
National Coordinator
Consortium for Educational Communication (CEC),
New Delhi



Prof. (Dr.) M. Manoharan, Director, IQAC and
Coordinator of SWAYAM MOOC
University of Calicut, Kerala



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: NPTEL20CY03S1711274

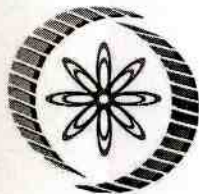
To

DR ANURAG SHARMA
A90, MODEL TOWNMALVIYA NAGAR
JAIPUR
RAJASTHAN-302017
PH. NO :9460386437



No. of credits recommended by NPTEL:1

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

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



This certificate is awarded to

DR ANURAG SHARMA

for passing the course

Basics in Inorganic Chemistry

with Score* **97** %

**Covid-19
impacted
January 2020
semester**

Jan-Feb 2020
(4 week course)

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

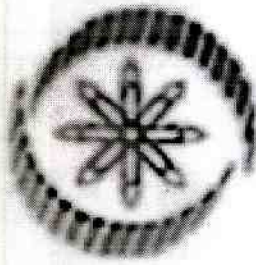


Indian Institute of Technology Bombay



*Continuous online assessment score

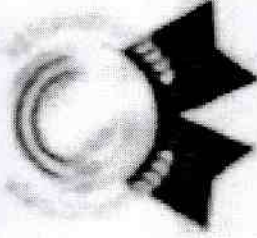
To validate and check scores: <https://nptel.ac.in/noc>



Elite

NPTEL Online Certification

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



This certificate is awarded to

DR. ARCHANA SAXENA

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of **84** %

Online Assignments	24.33/25	Proctored Exam	60/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 15357

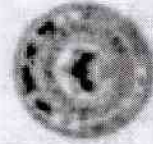
Prof. Rajesh M. Hegde

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

Prof. Satyabrata

Prof. Satyabrata Ray
NPTEL Coordinator
IIT Kanpur

Aug-Oct 2019
(8 week course)



Indian Institute of Technology Kanpur



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

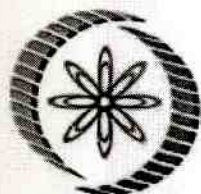
Roll No: NPTEL20MG35S1061079

To
DR. ARCHANA SAXENA
E 590 VAISHALI NAGAR JAIPUR
JAIPUR
RAJASTHAN-302021
PH. NO :9414460650



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
DR. ARCHANA SAXENA

for passing the course

Entrepreneurship

with Score* **87** %

Covid-19
impacted
January 2020
semester

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Apr 2020
(12 week course)

Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



*Continuous online assessment score

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

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

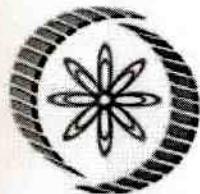
Roll No: NPTEL20MG15S1050494

To
DR. ARCHANA SAXENA
E 590 VAISHALI NAGAR JAIPUR
JAIPUR
RAJASTHAN-302021
PH. NO :9414460650



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

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



This certificate is awarded to
DR. ARCHANA SAXENA
for passing the course

Principles of Human Resource Management

with Score* 73 %

Covid-19
Impacted
January 2020
semester

A. Goswami

Jan-Mar 2020
(8 week course)

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur



Indian Institute of Technology Kharagpur



*Continuous online assessment score

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

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

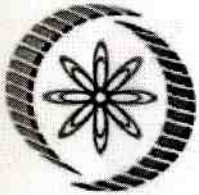
Roll No: NPTEL20HS12S1608537

To
DR. ARCHANA SAXENA
E 590 VAISHALI NAGAR JAIPUR
JAIPUR
RAJASTHAN-302021
PH. NO :9414460650



No. of credits recommended by NPTEL:1

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

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



This certificate is awarded to
DR. ARCHANA SAXENA
for passing the course

Introduction to Basic Spoken Sanskrit

with Score* 69 %



A. Goswami

Feb-Mar 2020
(4 week course)

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur



Indian Institute of Technology Kharagpur



*Continuous online assessment score

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



07/05/2020

Arun Beniwal

has successfully completed

**Introduction to Mechanical Engineering Design
and Manufacturing with Fusion 360**

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

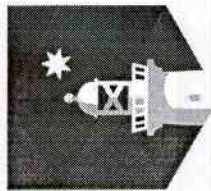
A handwritten signature in black ink, appearing to read 'Andrew Anagnost'.

Andrew Anagnost, President and Chief Executive Officer of Autodesk, Inc.

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/6MZNKEB24X3J
Coursera has confirmed the identity of this individual and
their participation in the course.



MACQUARIE
University
SYDNEY • AUSTRALIA

25.09.2020

ATUL GUPTA

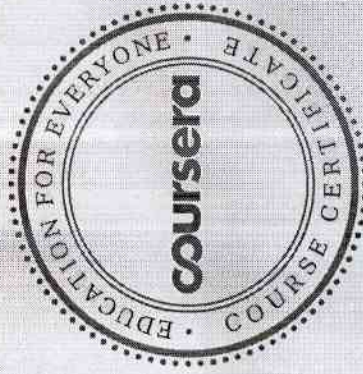
has successfully completed

Excel Skills for Business: Essentials

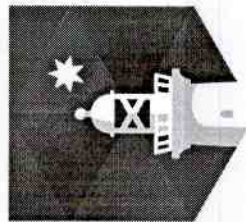
an online non-credit course authorized by Macquarie University and offered through
Coursera

Nicky Bull, Dr Prashan S. M. Karunaratne, FHEA, A/Professor Yvonne Beyer

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/?X6B8VKME8YN
Coursera has confirmed the identity of this individual and
their participation in the course.



MACQUARIE
University
SYDNEY • AUSTRALIA

Oct 20, 2020

ATUL GUPTA

has successfully completed

Excel Skills for Business: Intermediate I

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

Nicky Bull, Dr. Prashan S. M. Kaumaratne, FHEA, A./Professor Yoonhw Breyer

**COURSE
CERTIFICATE**



Verify at courseware.org/verify/Z745JZVVV8FL
Coursera has confirmed the identity of this individual and their
participation in the course.



DARDEN SCHOOL
of BUSINESS

19.09.2020

ATUL GUPTA

has successfully completed

Marketing Analytics

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

RV111

Rajkumar Venkatesan
Ronald Trzcinski Professor of Business Administration
Darden School of Business
University of Virginia

COURSE
CERTIFICATE



Verify at coursera.org/verify/SLSU9ZNWS776
Coursera has confirmed the identity of this individual and
their participation in the course.

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: NPTEL19PH09S41500401

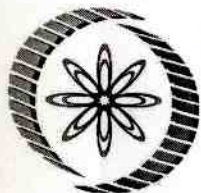
To
BRAJRAJ SHARMA
10/16, SECTOR-1, PRATAP NAGAR HOUSING
BOARD,
SANGANER
JAIPUR
RAJASTHAN
302033
PH. NO :9929731211



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
BRAJRAJ SHARMA
for successfully completing the course
Experimental Physics - II

with a consolidated score of **68** %

Online Assignments	24.72/25	Proctored Exam	43.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 82

Jul-Oct 2019
(12 week course)

A. Goswami

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19PH09S41500401

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

Centre for Continuing Education

Indian Institute of Technology Kanpur



This is to certify that

BRAJ RAJ SHARMA

has participated in the course

Basics of Quantum Mechanics

(August 15 to November 18, 2019)

and

the performance was Satisfactory/Good/Excellent/Outstanding

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

Prof. H. C. Verma (Retd.)
Department of Physics
IIT Kanpur

Centre for Continuing Education

Indian Institute of Technology Kanpur



This is to certify that

BRAJ RAJ SHARMA

has participated in the course

Advanced Course on Special theory of Relativity

(January 26 to May 19, 2020)

and

the performance was Satisfactory/Good/Very Good/ Excellent /Outstanding

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

Prof. H. C. Verma (Retd.)
Department of Physics
IIT 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/>

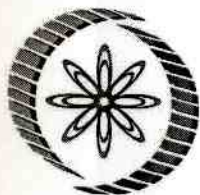
Roll No: NPTEL20PH07S1579562

To
BRAJ RAJ SHARMA
1016, SECTOR1, PRATAP NAGAR HOUSING
BOARD
SANGANER, JAIPUR
JAIPUR
RAJASTHAN - 302033
PH. NO :9929731211



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

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



This certificate is awarded to
BRAJ RAJ SHARMA
for passing the course

Fiber Optics

with Score* 100 %



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

Jan-Mar 2020
(8 week course)

Prof. Inderdeep Singh
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



*Continuous online assessment score

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

Centre for Continuing Education

Indian Institute of Technology Kanpur



This is to certify that

BRAJ RAJ SHARMA

has successfully completed the course

Learning Physics Through Simple Experiments

(April 2 to June 10, 2020)

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

Prof. H. C. Verma (Retd.)
Department of Physics
IIT Kanpur



SWAYAM ARPIT ONLINE COURSE CERTIFICATION

This Certificate is awarded to

BRIJ MOHAN SHARMA

for successfully completing the ARPIT Course for

Career Advancement Scheme(CAS) promotion

Pedagogical Innovations And Research Methodology

with a "A" Grade in the proctored examination held on 15.09.2020

Guru Jambheshwar university of Science & Technology Hisar, Haryana

Authorized Signatory of Institution (Course Coordinator)

Guru Jambheshwar university of Science & Technology Hisar, Haryana

Authorized Signatory of AICTE

Date of Issue : 20/01/2021

www.swayam.gov.in

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: NPTEL19CS41S51500088

To
DEEPA MODI
508, SDC COURTYARD, NEAR SKIT COLLEGE,
JAGATPURA
JAIPUR
RAJASTHAN
302017
PH. NO :9929369501

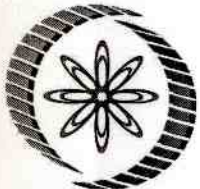


Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

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

DEEPA MODI

for successfully completing the course

The Joy of Computing Using Python

with a consolidated score of **96** %

Online Assignments	25/25	Programming Exam	25/25	Proctored Exam	46/50
--------------------	-------	------------------	-------	----------------	-------

Total number of candidates certified in this course: 8505

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jul-Oct 2019
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS41S51500088

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



05/19/2020

DEEPA MODI

has successfully completed

Programming for Everybody (Getting Started with Python)

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

A handwritten signature in black ink, appearing to read 'Charles'.

Charles Severance
Clinical Professor, School of Information
University of Michigan

COURSE
CERTIFICATE



Verify at coursera.org/verify/LZRLSECSUD65
Coursera has confirmed the identity of this individual and
their participation in the course.



05/28/2020

DEEPA MODI

has successfully completed

Python Data Structures

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

A handwritten signature in black ink, appearing to read 'Charles'.

Charles Severance
Clinical Professor, School of Information
University of Michigan

COURSE
CERTIFICATE



Verify at coursera.org/verify/UQ87QVMzZ6XX
Coursera has confirmed the identity of this individual and
their participation in the course.

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: NPTEL20EE32S1453684

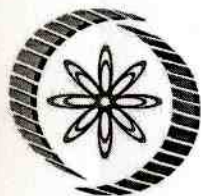
To

DEEPTI ARELA
190119, SECTOR 19,
PRATAP NAGAR
JAIPUR
RAJASTHAN - 302033
PH. NO : 9929417474



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

DEEPTI ARELA

for passing the course

Digital Electronic Circuits

with Score* **81** %



A. Goswami

Prof. Adrijit Goswami

Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur

Jan-Apr 2020
(12 week course)



Indian Institute of Technology Kharagpur



*Continuous online assessment score

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



deeplearning.ai

05/10/2020

Dolly Mittal

has successfully completed

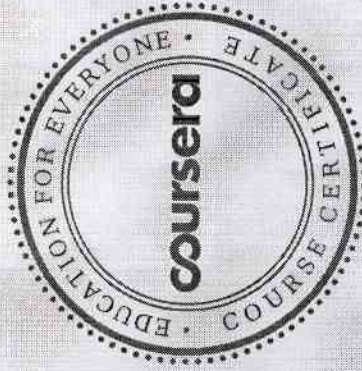
Neural Networks and Deep Learning

an online non-credit course authorized by deeplearning.ai and offered through
Coursera

A handwritten signature in black ink, appearing to read "Andrew Ng".

Adjunct Professor Andrew Ng
Computer Science

COURSE
CERTIFICATE



Verify at coursera.org/verify/E67C2LN5QSRC
Coursera has confirmed the identity of this individual and
their participation in the course.



deeplearning.ai

05/16/2020

Dolly Mittal

has successfully completed

Improving Deep Neural Networks:
Hyperparameter tuning, Regularization and
Optimization

an online non-credit course authorized by deeplearning.ai and offered through
Coursera

A handwritten signature in black ink, appearing to read "Andrew Ng".

Adjunct Professor Andrew Ng
Computer Science

COURSE
CERTIFICATE



Verify at coursera.org/verify/L2KLZPWS2ZNF
Coursera has confirmed the identity of this individual and
their participation in the course.



deeplearning.ai

05/19/2020

Dolly Mittal

has successfully completed

Structuring Machine Learning Projects

an online non-credit course authorized by deeplearning.ai and offered through
Coursera

A handwritten signature in black ink, appearing to read "Andrew Ng".

Adjunct Professor Andrew Ng
Computer Science

COURSE
CERTIFICATE



Verify at coursera.org/verify/FUWXALVHT2GE
Coursera has confirmed the identity of this individual and
their participation in the course.



deeplearning.ai

05/28/2020

Dolly Mittal

has successfully completed

Convolutional Neural Networks

an online non-credit course authorized by deeplearning.ai and offered through
Coursera

A handwritten signature in black ink, appearing to read "Andrew Ng".

Adjunct Professor Andrew Ng
Computer Science

COURSE
CERTIFICATE



Verify at coursera.org/verify/CPYBZYCF7C6L
Coursera has confirmed the identity of this individual and
their participation in the course.



deeplearning.ai

06/05/2020

Dolly Mittal

has successfully completed

Sequence Models

an online non-credit course authorized by deeplearning.ai and offered through
Coursera

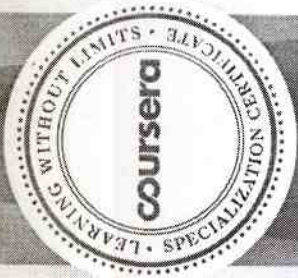
A handwritten signature in black ink, appearing to read "Andrew Ng".

Adjunct Professor Andrew Ng
Computer Science

COURSE
CERTIFICATE



Verify at coursera.org/verify/578HZ8NUHXXHH
Coursera has confirmed the identity of this individual and
their participation in the course.



5 Courses

Neural Networks and Deep Learning

Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization

Structuring Machine Learning Projects

Convolutional Neural Networks

Sequence Models



deeplearning.ai

06/05/2020

Dolly Mittal

has successfully completed the online, non-credit Specialization

Deep Learning

The Deep Learning Specialization is designed to prepare learners to participate in the development of cutting-edge AI technology, and to understand the capability, the challenges, and the consequences of the rise of deep learning. Through five interconnected courses, learners develop a profound knowledge of the hottest AI algorithms, mastering deep learning from its foundations (neural networks) to its industry applications (Computer Vision, Natural Language Processing, Speech Recognition, etc.).

Adjunct Professor
Andrew Ng
Computer Science

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

Verify this certificate at:
coursera.org/verify/specialization/ERS9F3MRUKZH



06/20/2020

Dolly Mittal

has successfully completed

Programming for Everybody (Getting Started with Python)

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

A handwritten signature in black ink, appearing to read 'Chuck'.

Charles Severance
Clinical Professor, School of Information
University of Michigan

COURSE
CERTIFICATE



Verify at coursera.org/verify/CX4G9L5D8JN7
Coursera has confirmed the identity of this individual and
their participation in the course.



06/22/2020

Ganpat Singh Chauhan

has successfully completed

Applied Text Mining in Python

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

A handwritten signature in black ink, reading 'V. G. Vinod Vydiswaran'.

V. G. Vinod Vydiswaran
Assistant Professor
School of Information

COURSE
CERTIFICATE



Verify at coursera.org/verify/L6JKSGJ32P3j
Coursera has confirmed the identity of this individual and
their participation in the course.

Certificate of Completion

This is to certify that **Ganpat Singh Chauhan**
successfully completed 10.5 total hours of Hands
On **Natural Language Processing (NLP) using**
Python online course on June 8, 2020

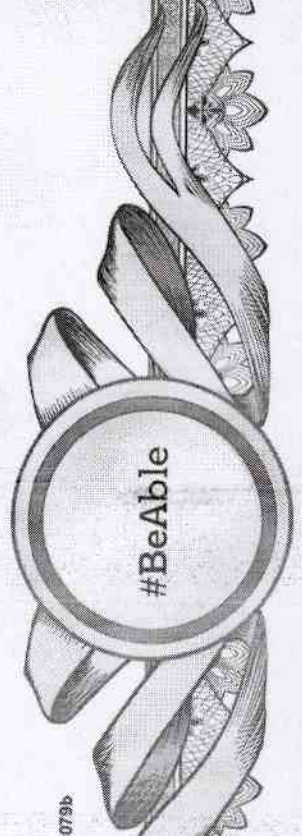
Next Edge Coding

Next Edge Coding, Instructor

&

Udemy

Certificate no: UC-2e488c0f-3dd3-4a6c-a284-fdb5722a079b
Certificate url: [udacity.com/course/UC-2e488c0f-3dd3-4a6c-a284-fdb5722a079b](https://www.udacity.com/course/UC-2e488c0f-3dd3-4a6c-a284-fdb5722a079b)



Certificate of Completion

**This is to certify that Ganpat Singh Chauhan
successfully completed 11.5 total hours of NLP -
Natural Language Processing with Python online
course on June 15, 2020**

Jose Portilla

Jose Portilla, Instructor

&

U Udemy

Certificate no: UC-a0eca267-cde0-4391-a8ec-d751e12e5362
Certificate url: ude.my/UC-a0eca267-cde0-4391-a8ec-d751e12e5362

#BeAble

Certificate of Completion

**This is to certify that Ganpat Singh Chauhan
successfully completed 12 total hours of Natural
Language Processing with Deep Learning in
Python online course on June 9, 2020**

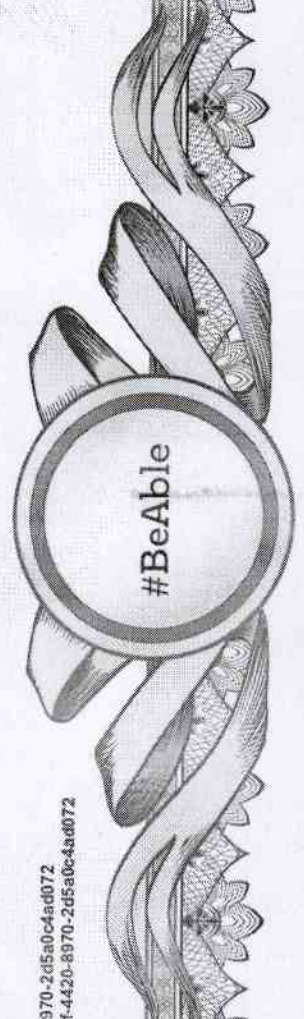
Lazy Programmer Inc.

Lazy Programmer Inc., Instructor

&

Udemy

Certificate no: UC-eb6b4ff2-123f-4420-8970-2d5a0c4ad072
Certificate url: udemy.com/UC-eb6b4ff2-123f-4420-8970-2d5a0c4ad072



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/>

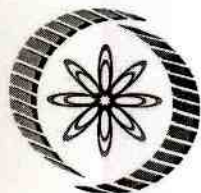

Roll No: NPTEL19CS38S11430103
To
GARIMA GUPTA
SWAMI KESHVANAND INSTITUTE OF
ENGINEERING, TECHNOLOGY, MANAGEMENT &
GRAMOTHAN
JAIPUR
RAJASTHAN
302017
PH. NO : 7597648324

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate



No. of credits recommended by NPTEL: 2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

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



This certificate is awarded to

GARIMA GUPTA
for successfully completing the course

Programming in C++

with a consolidated score of **58** %

Online Assignments	20/25	Programming Exam	14.25/25	Proctored Exam	24/50
--------------------	-------	------------------	----------	----------------	-------

Total number of candidates certified in this course: 415

A. Goswami

Jul-Sep 2019
(8 week course)

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CS38S11430103

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: NPTEL19EE60S51500326

To
GAURAV KANSAL
SKIT COLLEGE, JAGATPURA, RAMNAGARIA, EE
DEPTT.
JAIPUR
RAJASTHAN
302017
PH. NO :8290163035

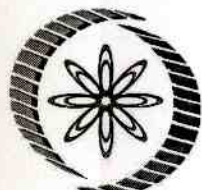


Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

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
GAURAV KANSAL
for successfully completing the course
Electrical Machines - I

with a consolidated score of **88** %

Online Assignments	23.81/25	Proctored Exam	64.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 214

A. Goswami

Jul-Oct 2019
(12 week course)

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19EE60S51500326

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: NPTEL19CS54S31500368

To
GIRISH SHARMA
49 B SHAKTI NAGAR, GAJSINGHPURA
AJMER ROAD
JAIPUR
RAJASTHAN
302024
PH. NO :9785445554

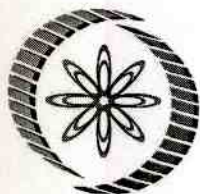


Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully Completed
< 40	No Certificate

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
GIRISH SHARMA
for successfully completing the course
Deep Learning

with a consolidated score of **75** %

Online Assignments	20.78/25	Proctored Exam	54/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 287

A. Goswami

Jul-Oct 2019
(12 week course)

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur

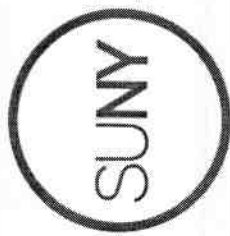


Indian Institute of Technology Kharagpur



Roll No: NPTEL19CS54S31500368

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



The State University
of New York

05/20/2020

HARSHAL NIGAM

has successfully completed

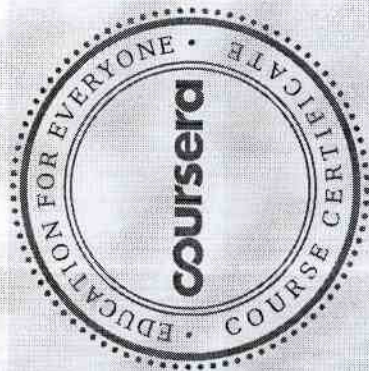
Digital Manufacturing & Design

an online non-credit course authorized by University at Buffalo and The State
University of New York and offered through Coursera

Ken English
Deputy Director

Sustainable Manufacturing and Advanced Robotic Technologies Community of Excellence at the University at Buffalo

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/GSSS3ASSAGR5

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



deeplearning.ai

05/23/2020

HARSHAL NIGAM

has successfully completed

AI For Everyone

an online non-credit course authorized by deeplearning.ai and offered through
Coursera

A handwritten signature in black ink, appearing to read "Andrew Ng".

Adjunct Professor Andrew Ng
Computer Science Department
Stanford University

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/HYLG6PQCXPFW
Coursera has confirmed the identity of this individual and
their participation in the course.

05/24/2020

HARSHAL NIGAM

has successfully completed

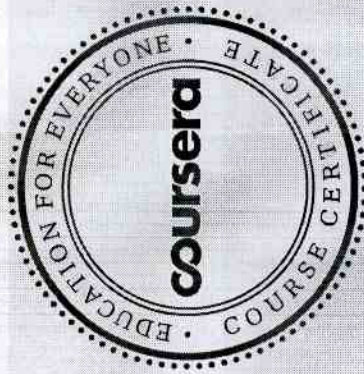
Introduction and Programming with IoT Boards

an online non-credit course authorized by Pohang University of Science and
Technology and offered through Coursera



Professor, Dept. of Computer Science and Engineering
Dean, Graduate School of Information Technology
Pohang University of Science and Technology
Republic of Korea

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/VE298QSWXE3p
Coursera has confirmed the identity of this individual and
their participation in the course.

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: NPTEL19CS42S21430008

To
DR. JYOTI ARORA
FLAT NO. 1001, 10TH FLOOR, SDC
COURTYARD, RAMNAGARIA, JAGATPURA
JAIPUR
RAJASTHAN
302017
PH. NO :7737815592



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.

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate



NPTEL Online Certification

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

This certificate is awarded to

DR. JYOTI ARORA

for successfully completing the course

Introduction to Programming in C

with a consolidated score of **80** %

Online Assignments	23.5/25	Programming Exam	18.75/25	Proctored Exam	37.5/50
--------------------	---------	------------------	----------	----------------	---------

Total number of candidates certified in this course: 2500

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

Jul-Sep 2019
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL19CS42S21430008

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: NPTEL20HS16S1254749

To
JYOTI ARORA
1001, 10TH FLOOR, SDC COURTYARD,
RAMNAGARIA, JAGATPURA, JAIPUR
JAIPUR
RAJASTHAN-302017
PH. NO :7737815592



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

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



This certificate is awarded to

JYOTI ARORA

for passing the course

Soft Skill Development

with Score* 84 %



A. Goswami

Jan-Mar 2020
(8 week course)

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur



Indian Institute of Technology Kharagpur



*Continuous online assessment score

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

Centre for Continuing Education

Indian Institute of Technology Kanpur



This is to certify that

Komal Sharma

has participated in the course

Basics of Quantum Mechanics

(August 15 to November 18, 2019)

and

the performance was Satisfactory/Good/Excellent/Outstanding

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

Prof. H. C. Verma (Retd.)
Department of Physics
IIT 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: NPTEL20EE20S21650092

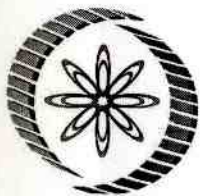
To
KOMAL SHARMA
114 NEMI NAGAR VISTAR
VAISHALI NAGAR
JAIPUR
RAJASTHAN - 302021
PH. NO :9414284046



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
KOMAL SHARMA
for successfully completing the course



Antennas

with a consolidated score of **80** %

Online Assignments	24.38/25	Proctored Exam	55.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 102

Jan-Apr 2020
(12 week course)

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



Indian Institute of Technology Bombay



Roll No: NPTEL20EE20S21650092

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

Centre for Continuing Education

Indian Institute of Technology Kanpur



This is to certify that

Komal Sharma

has participated in the course

Advanced Course on Special theory of Relativity

(January 26 to May 19, 2020)

and

the performance was Satisfactory/Good/Very Good/ Excellent /Outstanding

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

Prof. H. C. Verma (Retd.)
Department of Physics
IIT 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/>

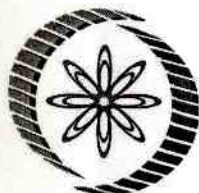

Roll No: NPTEL19MM21S21430255
To
KOMAL SHARMA
114, NEMI NAGAR EXTENSION,
VAISHALI NAGAR
JAIPUR
RAJASTHAN
302021
PH. NO :9414284046



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

KOMAL SHARMA

for successfully completing the course

Nanotechnology, Science and Applications

with a consolidated score of **68** %

Online Assignments	24.17/25	Proctored Exam	44.25/75
--------------------	----------	----------------	----------

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 189

Jul-Sep 2019
(8 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19MM21S21430255

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

SWAYAM ONLINE COURSE CERTIFICATION

This certificate is awarded to

Lalit Gehlot

for successfully completing the four credit course

Literary Criticism

with a consolidated score of 58%

from the evaluation based on continuous online assessments and the proctored examination held in month of November 2019.



Roll No. : 202572

This course was offered by Dr. C G Shyamala of University of Calicut

Marks in Online Assignments		Marks in proctored Exam		Total Score	
Total	Obtained	Total	Obtained	Total	Obtained
30	28	70	30	100	58



J. B. Nadda
National Coordinator
Consortium for Educational Communication (CEC),
New Delhi



Prof. (Dr.) M. Manoharan, Director, IQAC and
Coordinator of SWAYAM MOOC
University of Calicut, Kerala



COURSE CERTIFICATE

05/19/2020

LALIT KUMAR LATA

has successfully completed

Programming for Everybody (Getting Started with
Python)

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

A handwritten signature in black ink, appearing to read 'Charles'.

Charles Severance
Clinical Professor, School of Information
University of Michigan



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

UCI University of
California, Irvine

05/27/2020

LALIT KUMAR LATA

has successfully completed

**Introduction to the Internet of Things and
Embedded Systems**

an online non-credit course authorized by University of California, Irvine and offered
through Coursera



Ian Harris
Professor
Department of Computer Science

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/4VNNP4YGHJCF
Coursera has confirmed the identity of this individual and
their participation in the course.

Centre for Continuing Education

Indian Institute of Technology Kanpur



This is to certify that

Manasvi

has participated in the course

Basics of Quantum Mechanics

(August 15 to November 18, 2019)

and

the performance was Satisfactory/Good/Excellent/Outstanding

Prof. Rajesh M. Hegde

Head, Centre for Continuing Education

IIT Kanpur

Prof. H. C. Verma (Retd.)

Department of Physics

IIT 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/>

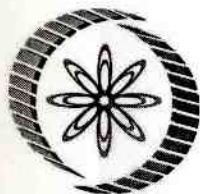
Roll No: NPTEL20PH07S1951194

To
MANASVI DIXIT
206, KUSHAL NAGAR, SANGANER
JAIPUR
RAJASTHAN-302029
PH. NO :9783882707



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

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



This certificate is awarded to

MANASVI DIXIT

for passing the course

Fiber Optics

with Score* 100 %

Covid-19
impacted
January 2020
semester

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

Jan-Mar 2020
(8 week course)

Prof. Inderdeep Singh
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



*Continuous online assessment score

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

Centre for Continuing Education

Indian Institute of Technology Kanpur



This is to certify that

Manasvi

has participated in the course

Advanced Course on Special theory of Relativity

(January 26 to May 19, 2020)

and

the performance was Satisfactory/Good/Very Good/ Excellent /Outstanding

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

Prof. H. C. Verma (Retd.)
Department of Physics
IIT 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: NPTEL19MM21S11430311

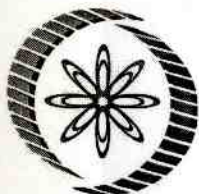
To
MANASVI DIXIT
206, KUSHAL NAGAR, SANGANER, JAIPUR
JAIPUR
RAJASTHAN
302029
PH. NO :9783882707



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

MANASVI DIXIT

for successfully completing the course

Nanotechnology, Science and Applications

with a consolidated score of **73** %

Online Assignments	24.17/25	Proctored Exam	49.13/75
--------------------	----------	----------------	----------

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course:189

Jul-Sep 2019
(8 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19MM21S11430311

To validate and check scores: <http://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: NPTEL19PH13S21430237

To

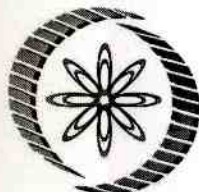
MANASVI DIXIT
206, KUSHAL NAGAR, SANGANER, JAIPUR
JAIPUR
RAJASTHAN
302029
PH. NO :9783882707



Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully Completed
< 40	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

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

This certificate is awarded to

MANASVI DIXIT

for successfully completing the course

Solar Photovoltaics Fundamentals, Technology and Applications

with a consolidated score of **78** %

Online Assignments	23.75/25	Proctored Exam	54/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 518

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

Jul-Sep 2019
(8 week course)

Prof. Inderdeep Singh
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL19PH13S21430237

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: NPTEL20MG68S61650067

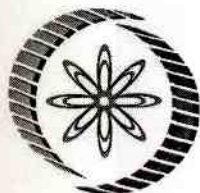
To
DR MANEESHA KAUSHIK
B 9 VIVEKANANDA MARG
C- SCHEME
JAIPUR
RAJASTHAN - 302016
PH. NO :9785381999



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
DR MANEESHA KAUSHIK
for successfully completing the course

Marketing Management - I

with a consolidated score of **63** %

Online Assignments	17.50/25	Proctored Exam	45/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 561

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

Sep-Nov 2020
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL20MG68S61650067

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



COPENHAGEN BUSINESS SCHOOL
HÅNDELSHØJSKOLEN

Oct 18, 2020

Dr Maneesha Kaushik

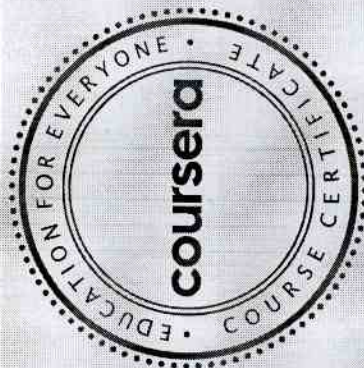
has successfully completed

Identifying Social Entrepreneurship Opportunities

an online non-credit course authorized by Copenhagen Business School and offered through Coursera

Professor Kai Hockerts
Department of Intercultural Communication and Management
Copenhagen Business School

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/XFYPIJS6EJF9U
Coursera has confirmed the identity of this individual and their participation in the course.



COPENHAGEN BUSINESS SCHOOL
HANDELSHØJSKOLEN

Nov 13, 2020

Dr Maneesha Kaushik

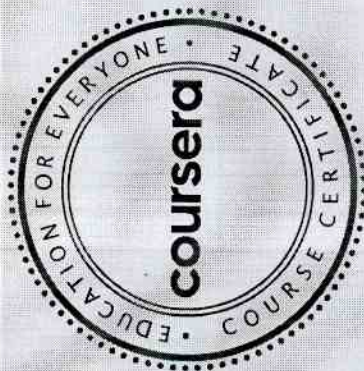
has successfully completed

Unleashing the Impact of your Social Enterprise

an online non-credit course authorized by Copenhagen Business School and offered through Coursera

Professor Kai Hockertz
Department of Intercultural Communication and Management
Copenhagen Business School

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/X4KD5DXPSMQ2

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



COPENHAGEN BUSINESS SCHOOL
HÅNDELSHØJSKOLEN

Oct 30, 2020

Dr Maneesha Kaushik

has successfully completed

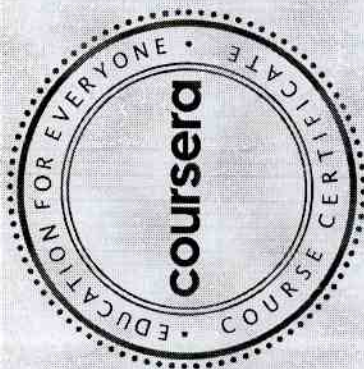
**Social Business Model and Planning for Social
Innovation**

an online non-credit course authorized by Copenhagen Business School and offered
through Coursera

Kai Holten

Professor Kai Holten
Department of Intercultural Communication and Management
Copenhagen Business School

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/KJSBSHRHE28X
Coursera has confirmed the identity of this individual and their
participation in the course.

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: NPTEL19MG34S21430116

To
DR MANEESHA KAUSHIK
RASTOGI HOUSE, B-9 VIVEKANANDA MARG, C
SCHEME
JAIPUR
RAJASTHAN
302001
PH. NO :9785381999

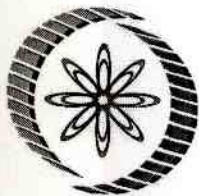


Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

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
DR MANEESHA KAUSHIK
for successfully completing the course
Leadership

with a consolidated score of **67** %

Online Assignments	17.17/25	Proctored Exam	49.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 2330

A. Goswami

Jul-Aug 2019
(4 week course)

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MG34S21430116

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: NPTEL19EE36S51500156

To
MANISH KUMAR NAVLAKHA
A-19 RAMNAGARIA, NEAR JDA PARK
JAGATPURA
JAIPUR
RAJASTHAN
302017
PH. NO :9024098609

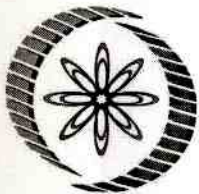


Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

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
MANISH KUMAR NAVLAKHA
for successfully completing the course
Basic Electric Circuits

with a consolidated score of **78** %

Online Assignments	22.03/25	Proctored Exam	55.5/75
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Total number of candidates certified in this course: 1155

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

Jul-Oct 2019
(12 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL19EE36S51500156

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: NPTEL20CS23S21650027

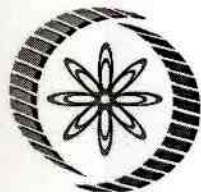
To
MANJU CHOUDHARY
C-119, 80 FEET ROAD, MAHESH NAGAR,
JAIPUR
MAHESH NAGAR
JAIPUR
RAJASTHAN - 302017
PH. NO :9694724109



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
MANJU CHOUDHARY
for successfully completing the course

Computer Networks and Internet Protocol

with a consolidated score of **48** %

Online Assignments	14.25/25	Proctored Exam	33.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 247

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

Jan-Apr 2020
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL20CS23S21650027

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: NPTEL19CS57S41500395

To
MAYANK KUMAR JAIN
MIG-4, PHASE-II, SHANTI PURAM COLONY,
MAKRONIYA
SAGAR
MADHYA PRADESH
470004
PH. NO :7987152575

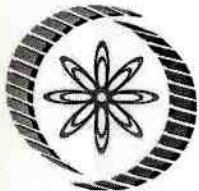


Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully Completed
< 40	No Certificate

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
MAYANK KUMAR JAIN
for successfully completing the course

Applied Natural Language Processing

with a consolidated score of **64** %

Online Assignments	20.50/25	Proctored Exam	43.5/75
--------------------	----------	----------------	---------

Devendra Jaliha

Prof. Devendra Jaliha
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 141

Jul-Oct 2019
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS57S41500395

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/>

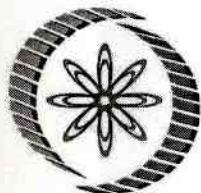
Roll No: NPTEL20ME35S1318248

To
MONU GUPTA
PLOT NO 52, FLAT NO F2, OBC COLONY
JAGATPURA, JAIPUR
JAIPUR
RAJASTHAN - 302017
PH. NO : 9785345664



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

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



This certificate is awarded to

MONU GUPTA

for passing the course

Principles of Casting Technology

with Score* 100 %



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

Jan-Mar 2020
(8 week course)

Prof. Inderdeep Singh
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



*Continuous online assessment score

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

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



Roll No: NPTEL19EE51S31500124

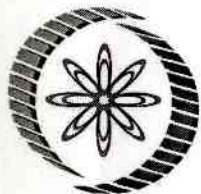
To
NAMRATA JOSHI
B-203 MAHIMA PANORMA
JAIPUR
RAJASTHAN
302017
PH. NO :9982154678



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
NAMRATA JOSHI
for successfully completing the course
Digital Circuits

with a consolidated score of **65** %

Online Assignments	24.56/25	Proctored Exam	40.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 2864

Jul-Oct 2019
(12 week course)

A. Goswami

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19EE51S31500124

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: NPTEL19ME56S51500216

To
NAVEEN KUMAR SAIN
261/512, SECTOR 26
PRATAP NAGAR
JAIPUR
RAJASTHAN
302033
PH. NO :9413065501

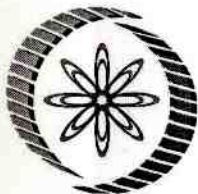


Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully Completed
< 40	No Certificate

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
NAVEEN KUMAR SAIN
for successfully completing the course

Concepts of Thermodynamics



with a consolidated score of **80** %

Online Assignments	20.09/25	Proctored Exam	60.38/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 340

A. Goswami

Jul-Oct 2019
(12 week course)

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19ME56S51500216

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: NPTEL19CS38S11430091

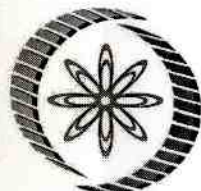
To
NEERAJ GARG
SWAMI KESHVANAND INSTITUTE OF
TECHNOLOGY
MANAGEMENT & GRAMOTHAN, RAMNAGARIA,
JAGATPURA
JAIPUR
RAJASTHAN
302017
PH. NO :7665523458



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

NEERAJ GARG
for successfully completing the course

Programming in C++

with a consolidated score of **65** %

Online Assignments	24.5/25	Programming Exam	17.75/25	Proctored Exam	23/50
--------------------	---------	------------------	----------	----------------	-------

Total number of candidates certified in this course: 415

A. Goswami

Jul-Sep 2019
(8 week course)

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CS38S11430091

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



The State University
of New York

May 25, 2020

Neeraj Jain

has successfully completed

Digital Manufacturing & Design

an online non-credit course authorized by University at Buffalo. The State University of New York and offered through Coursera

Ken English
Deputy Director
Sustainable Manufacturing and Advanced Robotic Technologies Community of Excellence at the University at Buffalo

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/6A4CP89TDZH3
Coursera has confirmed the identity of this individual and their participation in the course.

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: NPTEL19HS32S51500289

To
NEHA PUROHIT
H-006 MAHIMA PANORAMA, RAMNAGARIYA
JAGATPURA
JAIPUR
JAIPUR
RAJASTHAN
302017
PH. NO :9549077755

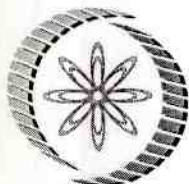


Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

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

NEHA PUROHIT

for successfully completing the course



Developing Soft Skills and Personality

with a consolidated score of **91** %

Online Assignments	24.67/25	Proctored Exam	66.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 15357

Prof. Rajesh M. Hegde

Chairman, Centre for Continuing Education
IIT Kanpur

Aug-Oct 2019
(8 week course)

Prof. Satyaki Roy

NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL19HS32S51500289

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/>

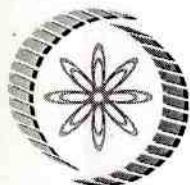
Roll No: NPTEL20HS14S1131505

To
NEHA PUROHIT
H006 MAHIMA PANORAMA, RAMNAGARIYA
JAGATPURA
JAIPUR
RAJASTHAN - 302017
PH. NO :9549077755



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

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



This certificate is awarded to

NEHA PUROHIT

for passing the course

Speaking Effectively

with Score* 100 %

Covid-19
impacted
January 2020
semester

A. Goswami

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur

Jan-Mar 2020
(8 week course)



Indian Institute of Technology Kharagpur



*Continuous online assessment score

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

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



Roll No: NPTEL19CS41S51500074

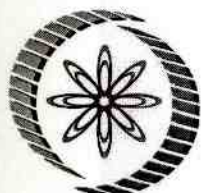
To
NIDHI SRIVASTAV
E-801 MEWAR APARTMENT PRATAP NAGAR
JAIPUR-302033
JAIPUR
RAJASTHAN
302033
PH. NO :9981381882



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

NIDHI SRIVASTAV
for successfully completing the course

The Joy of Computing Using Python

with a consolidated score of **88** %

Online Assignments	24.75/25	Programming Exam	25/25	Proctored Exam	38/50
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Total number of candidates certified in this course: 8505

Devendra Jali hal

Prof. Devendra Jali hal
Chairman
Centre for Continuing Education, IITM

Jul-Oct 2019
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS41S51500074

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



05/22/2020

NIDHI SRIVASTAV

has successfully completed

Programming for Everybody (Getting Started with Python)

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

A handwritten signature in black ink, appearing to read 'Charles'.

Charles Severance
Clinical Professor, School of Information
University of Michigan

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/4BYLBMCW8D85
Coursera has confirmed the identity of this individual and
their participation in the course.



06/02/2020

NIDHI SRIVASTAV

has successfully completed

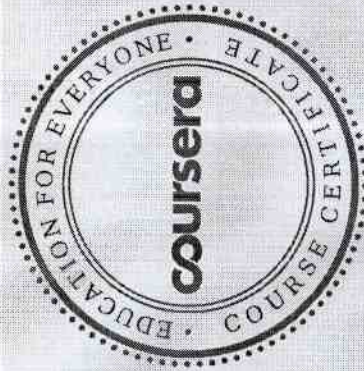
Introduction to Data Science in Python

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

A handwritten signature in black ink, appearing to read 'Christopher Brooks'.

Christopher Brooks
Research Assistant Professor
School of Information

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/T7SHNW8ZXD4R
Coursera has confirmed the identity of this individual and
their participation in the course.



06/02/2020

Niketa Sharma

has successfully completed

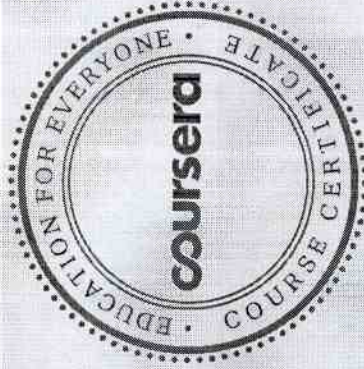
Nanotechnology and Nanosensors, Part1

an online non-credit course authorized by Technion - Israel Institute of Technology and offered through Coursera

A handwritten signature in black ink, reading "Haick".

Prof. Hosam Haick
Head of the Laboratory for Nanomaterial-Based Devices (LNBD) and Volatile Biomarkers
Department of Chemical Engineering and Russell Berrie Nanotechnology Institute
Technion - Israel Institute of Technology

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/EEAXY963HERD

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



05/31/2020

Niketa Sharma

has successfully completed

Engineering Project Management: Initiating and Planning

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

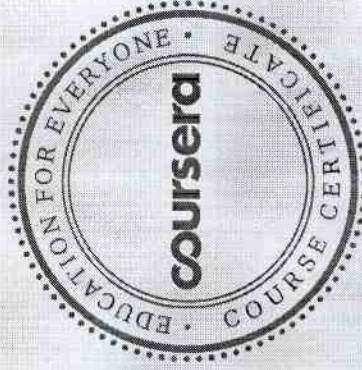
Tom Phalen

Tom Phalen
Lecturer in Engineering Leadership
Rice Center for Engineering Leadership

Kazimir Karwowski

Kazimir Karwowski
Executive Director
Rice Center for Engineering Leadership

COURSE
CERTIFICATE



Verify at coursera.org/verify/IQEW278XESVX
Coursera has confirmed the identity of this individual and their participation in the course.

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: NPTEL19CS46S11430054

To
NIKHAR BHATNAGAR
A-81, F-2, SHIV APARTMENT, VIDHYA NAGAR
JAGATPURA
JAIPUR
RAJASTHAN
302017
PH. NO :6350113869

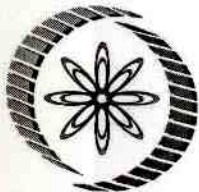


Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully Completed
< 40	No Certificate

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
NIKHAR BHATNAGAR
for successfully completing the course

Data Base Management System

with a consolidated score of **61** %

Online Assignments	13.13/25	Proctored Exam	48/75
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Total number of candidates certified in this course: 3475

Jul-Sep 2019
(8 week course)

A. Goswami
Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CS46S11430054

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



06/04/2020

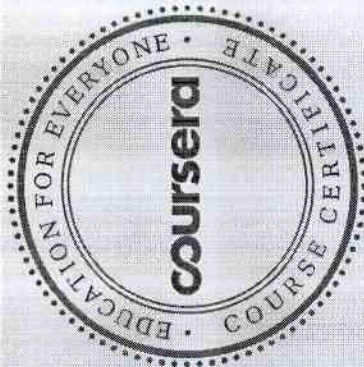
Nikhar Bhatnagar

has successfully completed

What is Data Science?

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

**COURSE
CERTIFICATE**



A handwritten signature in black ink, appearing to read "Alex Akison", is located below the IBM logo.

Alex Akison, Ph.D.
Data Scientist

A handwritten signature in black ink, appearing to read "Po-ling Lin", is located below the Coursera logo.

Po-ling Lin
Data Scientist, IBM

Verify at coursera.org/verify/T688V69CBHJE
Coursera has confirmed the identity of this individual and
their participation in the course.

Google Cloud

05/22/2020

Nikhar Bhatnagar

has successfully completed

How Google does Machine Learning

an online non-credit course authorized by Google Cloud and offered through Coursera

Google Cloud Training

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/6HCPAHZHBZVA
Coursera has confirmed the identity of this individual and
their participation in the course.

Google Cloud

05/03/2020

Nikhar Bhatnagar

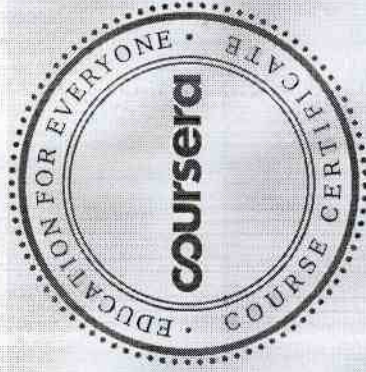
has successfully completed

Launching into Machine Learning

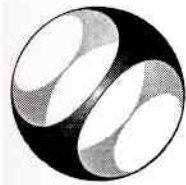
an online non-credit course authorized by Google Cloud and offered through Coursera

Google Cloud Training

**COURSE
CERTIFICATE**



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



Spoken Tutorial

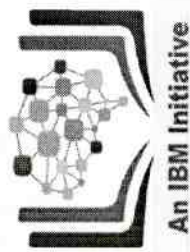
Certificate of Participation

This is to certify that **MRS. NIKHAR BHATNAGAR** participated in the **Python 3.4.3** training organized at **M.G.R College, Hosur in January 2020** semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to **Python 3.4.3** were covered in the training. This training is offered by the Spoken Tutorial Project, IIT Bombay, funded by the National Mission on Education through ICT, MHRD, Govt. of India.

May 26th 2020

Prof. Kannan M Moudgalya
IIT Bombay



**COGNITIVE
CLASS.ai**



This is to certify that

Nikhar Bhatnagar

successfully completed and received a passing grade in

Machine Learning with Python

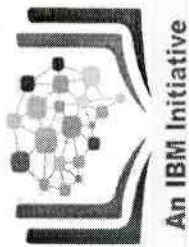
(ML0101ENV3, provided by Cognitive Class)

an online course on **Cognitive Class**.

March 6, 2020

Authenticity of this certificate can be validated by going to:

<https://courses.cognitiveclass.ai/certificates/b9274c320983433c8daa1c963acc58cc>



COGNITIVE CLASS.ai



This is to certify that

Nikhar Bhatnagar

successfully completed and received a passing grade in

Blockchain Essentials

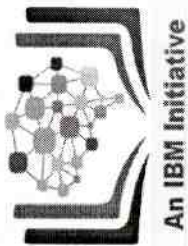
(BC0101EN, provided by developerWorks)

an online course on **Cognitive Class**.

November 11, 2019

Authenticity of this certificate can be validated by going to:

<https://courses.cognitiveclass.ai/certificates/c9eaa1d1c4c6477095f17a4e0c7f49f2>



COGNITIVE CLASS.ai



This is to certify that

Nikhhar Bhatnagar

successfully completed and received a passing grade in

Building Robots with TJBOT

(IT0101EN, provided by CognitiveClass)

an online course on **Cognitive Class**.

March 4, 2020

Authenticity of this certificate can be validated by going to:

<https://courses.cognitiveclass.ai/certificates/6504425fddde94ef7a6e0f164e02d1644>

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: NPTEL19CE36S11430214

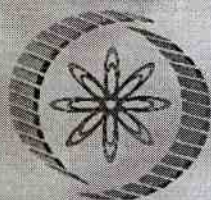
To
NISHANT SACHDEVA
186 - GANGA SAGAR B, AMRAPALI MARG
VAISHALI NAGAR
JAIPUR
RAJASTHAN
302021
PH. NO : 7737049665



Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully Complete
< 40	No Certificate

No. of credits recommended by NPTEL:1

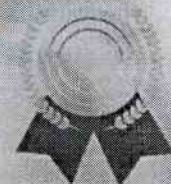
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

NPTEL Online Certification

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



This certificate is awarded to
NISHANT SACHDEVA
for successfully completing the course

Geotechnical Engineering Laboratory

with a consolidated score of **78** %

Online Assignments	25.00/25	Proctored Exam	52.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 790

Jul-Aug 2019
(4 week course)

Sridhar

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



Indian Institute of Technology Bombay



Roll No: NPTEL19CE36S11430214

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: NPTEL19CS64S41500195

To

PALIKA JAJOO
S-2,25-A DIAMOND COLONY, NEAR SARASWATI
NAGAR
BEHIND GOLD SOUK MALL, JAWAHAR CIRCL
JAIPUR
RAJASTHAN
302017
PH. NO : 9414499507

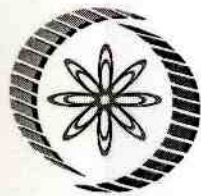


Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

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
PALIKA JAJOO
for successfully completing the course
Cloud Computing

with a consolidated score of **83** %

Online Assignments	25.00/25	Proctored Exam	58/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 2460

A. Goswami

Aug-Oct 2019
(8 week course)

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur

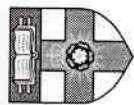


Indian Institute of Technology Kharagpur



Roll No: NPTEL19CS64S41500195

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



UNIVERSITY
OF LONDON

06/09/2020

Palika Jajoo

has successfully completed

Machine Learning for All

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

Dr. Marco Cillies
Computing Department,
Goldsmiths, University of London

COURSE
CERTIFICATE



Verify at coursera.org/verify/3EPE6KL8D4SK
Coursera has confirmed the identity of this individual and
their participation in the course.



06/11/2020

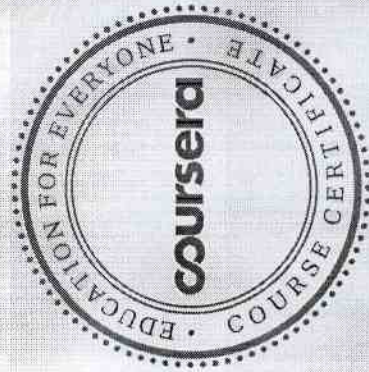
Palika Jajoo

has successfully completed

Programming for Everybody (Getting Started with Python)

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

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/VTFM4K7UYMTW
Coursera has confirmed the identity of this individual and their participation in the course.

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: NPTEL19EE57S51500339

To
PALLAV RAWAL
SWAMI KESHVANAND INSTITUTE OF
TECHNOLOGY, M&G (SKIT M&G)
RAMNAGARIA, JAGATPURA
JAIPUR
RAJASTHAN
302017
PH. NO : 9413287953

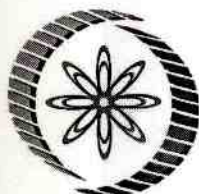


Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully Completed
< 40	No Certificate

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

PALLAV RAWAL

for successfully completing the course

Microwave Theory and Techniques



with a consolidated score of **76** %

Online Assignments	24.69/25	Proctored Exam	51/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 280

Jul-Oct 2019
(12 week course)

Sridhar

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



Indian Institute of Technology Bombay



Roll No: NPTEL19EE57S51500339

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



deeplearning.ai

06/08/2020

Pankaj Kumar Jadwal

has successfully completed

Neural Networks and Deep Learning

an online non-credit course authorized by deeplearning.ai and offered through
Coursera

A handwritten signature in black ink, appearing to read "Andrew Ng".

Adjunct Professor Andrew Ng
Computer Science

COURSE
CERTIFICATE



Verify at coursera.org/verify/6NUUVYTC9RCZ
Coursera has confirmed the identity of this individual and
their participation in the course.

UCI Division of
Continuing Education

05/30/2020

Pankaj Kumar Jadwal

has successfully completed

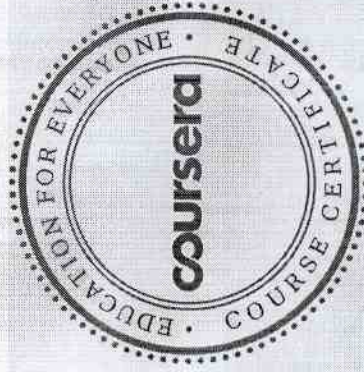
Grammar and Punctuation

an online non-credit course authorized by University of California, Irvine and offered
through Coursera

Tamy Chapman
Helen Nam

Tamy Chapman
Helen Nam

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/F6BSN5UNA9KY
Coursera has confirmed the identity of this individual and
their participation in the course.

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: NPTEL19PH08S21430228

To

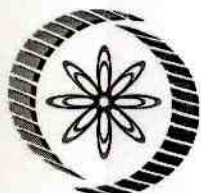
PAWAN KUMAR JAIN
FLAT F1, P.NO.16, RADHA NIKUNJ-C, KHEJRO
KA BASS, NEAR ISCKON TEMPLE MANSAROVAR,
JAIPUR
RAJASTHAN
302020
PH. NO :9828801324



Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully Completed
< 40	No Certificate

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

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



This certificate is awarded to
PAWAN KUMAR JAIN
for successfully completing the course

Introduction to Electromagnetic Theory

with a consolidated score of **56** %

Online Assignments	23.33/25	Proctored Exam	32.81/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 83

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

Jul-Sep 2019
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL19PH08S21430228

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

Centre for Continuing Education

Indian Institute of Technology Kanpur



This is to certify that

PAWAN KUMAR JAIN

has participated in the course

Basics of Quantum Mechanics

(August 15 to November 18, 2019)

and

the performance was Satisfactory/Good/Excellent/Outstanding

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

Prof. H. C. Verma (Retd.)
Department of Physics
IIT Kanpur

Centre for Continuing Education

Indian Institute of Technology Kanpur



This is to certify that

PAWAN KUMAR JAIN

has participated in the course

Advanced Course on Special theory of Relativity

(January 26 to May 19, 2020)

and

the performance was Satisfactory/Good/~~Very Good~~ Excellent /~~Outstanding~~

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

Prof. H. C. Verma (Retd.)
Department of Physics
IIT 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: NPTEL20PH07S11650184

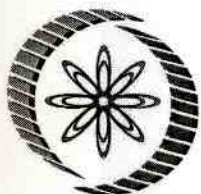
To
PAWAN KUMAR JAIN
FLLAT F1, P.NO.16
RADHA NIKUNJ-C, KHEJRO KA BASS
JAIPUR
ACADEMIA - 302020
PH. NO :9828801324



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
PAWAN KUMAR JAIN
for successfully completing the course

Fiber Optics

with a consolidated score of **61** %

Online Assignments	25.00/25	Proctored Exam	36/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 26

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

Jan-Mar 2020
(8 week course)

Prof. Inderdeep Singh
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL20PH07S11650184

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

Centre for Continuing Education

Indian Institute of Technology Kanpur



This is to certify that

Pawan Kumar Jain

has successfully completed the course

Learning Physics Through Simple Experiments

(April 2 to June 10, 2020)

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

Prof. H. C. Verma (Retd.)
Department of Physics
IIT Kanpur

UC San Diego

05/30/2020

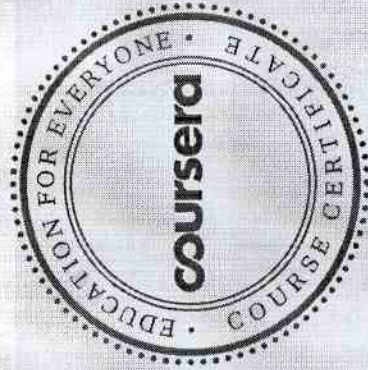
POOJA CHOUDHARY

has successfully completed

Internet of Things: How did we get here?

an online non-credit course authorized by University of California San Diego and
offered through Coursera

COURSE
CERTIFICATE



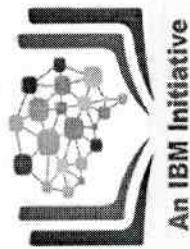
Hari Garudadi

Hari Garudadi
Qualcomm Institute

Ganesh Chockalingam

Ganesh Chockalingam
Qualcomm Institute of Calif

Verify at coursera.org/verify/QEZ3SVQYMQPR
Coursera has confirmed the identity of this individual and
their participation in the course.



**COGNITIVE
CLASS.ai**



This is to certify that

Pooja Choudhary

successfully completed and received a passing grade in

Machine Learning with Python

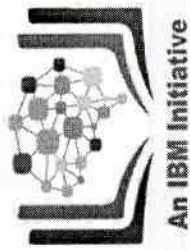
(ML0101ENV3, provided by Cognitive Class)

an online course on **Cognitive Class**.

April 18, 2020

Authenticity of this certificate can be validated by going to:

<https://courses.cognitiveclass.ai/certificates/93ca181fa8c049e0b803e3ce3dc4b2db>



**COGNITIVE
CLASS.ai**



This is to certify that

Pooja Choudhary

successfully completed and received a passing grade in

Introduction to Data Science

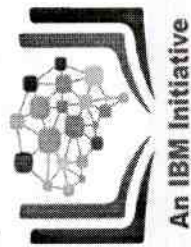
(DS0101EN, provided by Cognitive Class)

an online course on **Cognitive Class**.

April 18, 2020

Authenticity of this certificate can be validated by going to:

<https://courses.cognitiveclass.ai/certificates/0f00d9bef1a642deba29dfbe6cd009e0>



**COGNITIVE
CLASS.ai**



This is to certify that

Pooja Choudhary

successfully completed and received a passing grade in

Deep Learning Fundamentals

(ML0115EN, provided by DeepLearning.TV)

an online course on **Cognitive Class**.

April 28, 2020

Authenticity of this certificate can be validated by going to:

<https://courses.cognitiveclass.ai/certificates/04383d393a6c4d959028a01e4014c3de>

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: NPTEL19CS63S51500250

To
POOJA CHOUDHARY
437, KAILASH PURI
BIKANER
RAJASTHAN
334001
PH. NO :9460869377

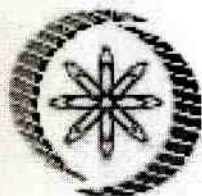


Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully Complete
< 40	No Certificate

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
POOJA CHOUDHARY
for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **73** %

Online Assignments	23.91/25	Proctored Exam	49.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 7675

Jul-Oct 2019
(12 week course)

A. Goswami

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CS63S51500250

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: NPTEL19CE44S51500357

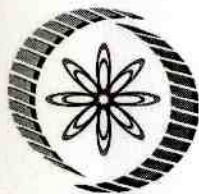
To
POOJA JAIN
A-133,
MALVIYA NAGAR
JAIPUR
RAJASTHAN
302017
PH. NO :9694909018



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

POOJA JAIN

for successfully completing the course

Advanced Concrete Technology

with a consolidated score of **58** %

Online Assignments	21.59/25	Proctored Exam	36.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 396

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jul-Oct 2019
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CE44S51500357

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: NPTEL20CY03S1322863

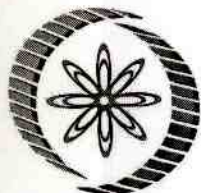
To

DR. POONAM OJHA
A75, ASHADEEP KINGSCOURT, JEEROTA,
JAGATPURA, JAIPUR
JAIPUR
RAJASTHAN-303905
PH. NO :9928086033



No. of credits recommended by NPTEL:1

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

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



This certificate is awarded to
DR. POONAM OJHA
for passing the course

Basics in Inorganic Chemistry

with Score* **93** %



Jan-Feb 2020
(4 week course)

Sridhar

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



Indian Institute of Technology Bombay



*Continuous online assessment score

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

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

Roll No: NPTEL20MA22S1483371

To
PRAMILA KUMAWAT
1244 MALVIYA NAGAR
JAIPUR
RAJASTHAN-302017
PH. NO :9829304298



No. of credits recommended by NPTEL:1

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

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



This certificate is awarded to
PRAMILA KUMAWAT
for passing the course

Introduction to Probability and Statistics

with Score* 100 %



Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Feb 2020
(4 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



*Continuous online assessment score

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

Scanned by TapScanner

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: NPTEL20HS12S1196033

To
PRAMILA KUMAWAT
1244 MALVIYA NAGAR
JAIPUR
RAJASTHAN-302017
PH. NO :9829304298



No. of credits recommended by NPTEL:1

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

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



This certificate is awarded to

PRAMILA KUMAWAT

for passing the course

Introduction to Basic Spoken Sanskrit

with Score* 89 %



A. Goswami

Feb-Mar 2020
(4 week course)

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur



Indian Institute of Technology Kharagpur



*Continuous online assessment score

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

Scanned by TapScanner

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: NPTEL19MM23S11430242

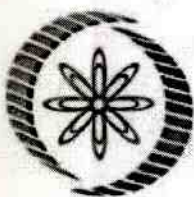
To
PRAVEEN KUMAR JAIN
DEPARTMENT OF ECE, SWAMI KESHVANAND
INSTITUTE OF TECHNOLOGY, MANAGEMENT &
GRAMOT
RAMNAGARIA, JAGATPURA
JAIPUR
RAJASTHAN
302017
PH. NO : 9928652224



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
PRAVEEN KUMAR JAIN
for successfully completing the course



Fundamentals of Electronic Device Fabrication

with a consolidated score of **75** %

Online Assignments	21.67/25	Proctored Exam	53.51/75
--------------------	----------	----------------	----------

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 396

Jul-Aug 2019
(4 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19MM23S11430242

To validate and check scores: <http://npTEL.ac.in/noc>

Centre for Continuing Education

Indian Institute of Technology Kanpur



This is to certify that

Praveen Kumar Jain

has successfully completed the course

Learning Physics Through Simple Experiments

(April 2 to June 10, 2020)

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

Prof. H. C. Verma (Retd.)
Department of Physics
IIT Kanpur

LearnQuest

06/07/2020

Priyanka Trikha Bhardwaj

has successfully completed

Cloud Computing Basics (Cloud 101)

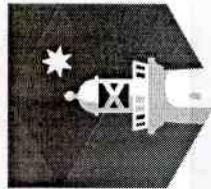
an online non-credit course authorized by LearnQuest and offered through Coursera

**COURSE
CERTIFICATE**



LearnQuest

Verify at coursera.org/verify/7RWQNWRPJ4FL
Coursera has confirmed the identity of this individual and
their participation in the course.



MACQUARIE
University
SYDNEY • AUSTRALIA

06/20/2020

Priyanka Payal

has successfully completed

Excel Skills for Business: Essentials

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

Nicky Bull, Dr Prashan S. M. Karunaratne, FHEA, A/Professor Yvonne Breyer

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/F63ZY8T6F9DM
Coursera has confirmed the identity of this individual and
their participation in the course.

UCI Division of
Continuing Education

06/07/2020

Priyanka Payal

has successfully completed

Advanced Writing

an online non-credit course authorized by University of California, Irvine and offered
through Coursera

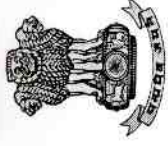
Tamy Chapman
Helen Nam

Tamy Chapman
Helen Nam

COURSE
CERTIFICATE



Verify at coursera.org/verify/56HFTNSD6GJX
Coursera has confirmed the identity of this individual and
their participation in the course.



SWAYAM ONLINE COURSE CERTIFICATION

This certificate is awarded to

Priyanka Payal

for successfully completing the two credit course

Introduction to Managerial Economics

with a consolidated score of 74%

(proctored examination held on 10.11.19)

offered by Indian Institute of Management Bangalore



Roll No.: 103022

Issued On : 25/12/2019

To validate and check scores : <https://swayam.gov.in/>

P D Jose

National Coordinator

Indian Institute of Management Bangalore

SWAYAM ONLINE COURSE CERTIFICATE CUM MARKSHEET

This Certificate is awarded to

PRIYANKA PAYAL

for successfully completing the 4 credit course

Academic Writing

*(offered by Dr. Ajay Semalty, Assistant Professor, Department of Pharmaceutical Sciences,
H.N.B. Garhwal University (A Central University), Srinagar Garhwal, Uttarakhand)*

in the proctored examination held on 09.11.2019 for the session July-October 2019.



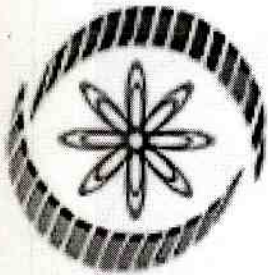
Roll No.	Internal Assessment (out of 30)	Proctored Examination (out of 70)	Total Marks Obtained (out of 100)
	Marks Obtained	Marks Obtained	
103022	28	59	87

N. Gopukumar

N. Gopukumar
Joint Secretary, UGC
National Coordinator

Prof. R. C. Bhatt

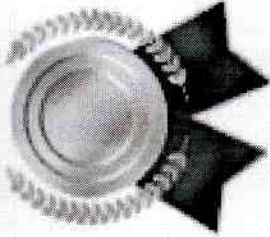
Prof. R. C. Bhatt
Controller of Examination
H.N.B. Garhwal University (A Central University),
Srinagar Garhwal, Uttarakhand



Elite

NPTEL Online Certification

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



This certificate is awarded to

PRIYANKA SHARMA

for successfully completing the course

Data Base Management System

with a consolidated score of 77 %

Online Assignments	12.71/25	Proctored Exam	64.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 3475

A. GOSWAMI

Prof. Adrijit Goswami

Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur

Jul-Sep 2019
(8 week course)



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CS46S11430056

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



07/25/2020

Priyanka Sharma

has successfully completed

Programming for Everybody (Getting Started with Python)

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

A handwritten signature in black ink, appearing to read 'Charles'.

Charles Severance
Clinical Professor, School of Information
University of Michigan

COURSE
CERTIFICATE



Verify at coursera.org/verify/WZ6VXBXXW4QXJ
Coursera has confirmed the identity of this individual and
their participation in the course.

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: NPTEL19EE51S31500120

To
PRIYANKA SHARMA
A-58 RAMNAGARIYA COLONY JDA SCHEME
JAGATPURA
JAIPUR
RAJASTHAN
302017
PH. NO :8107938391



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
PRIYANKA SHARMA
for successfully completing the course
Digital Circuits

with a consolidated score of **69** %

Online Assignments	23.53/25	Proctored Exam	45/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 2864

Jul-Oct 2019
(12 week course)

A. Goswami

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19EE51S31500120

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

rahul pandey

has successfully completed the following course:

LabVIEW Core 1 (English, 2019)

on

May 28, 2020

A handwritten signature in black ink, appearing to read 'E Starkloff', is written over a large, faint, stylized 'X' or 'Z' mark.

Eric Starkloff President and CEO National Instruments

NI CUSTOMER EDUCATION

Online Course Completion

Rahul Pandey

has successfully completed the following course:

LabVIEW FPGA (English, v2012)

on

May 31, 2020

A handwritten signature in black ink, appearing to read 'E Starkloff', is written over a large, faint, stylized 'X' or 'H' shape.

Eric Starkloff President and CEO National Instruments



NI CUSTOMER EDUCATION
Online Course Completion

Rahul Pandey

has successfully completed the following course:

LabVIEW Core 2 (English, 2019)

on May 30, 2020

A handwritten signature in black ink, appearing to read 'E Starkloff', is written over a large, stylized 'X' mark.

Eric Starkloff President and CEO National Instruments



rahul pandey

has successfully completed the following course:

**Data Acquisition Using LabVIEW
NXG (English, v2.0)**

on

May 21, 2020

Eric Starkloff President and CEO National Instruments

Centre for Continuing Education

Indian Institute of Technology Kanpur



This is to certify that

Dr. Raj Kumar Jain

has participated in the course

Basics of Quantum Mechanics

(August 15 to November 18, 2019)

and

the performance was Satisfactory/Good/Excellent/Outstanding

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

Prof. H. C. Verma (Retd.)
Department of Physics
IIT Kanpur

Centre for Continuing Education

Indian Institute of Technology Kanpur



This is to certify that

Dr. Raj Kumar Jain

has participated in the course

Advanced Course on Special theory of Relativity

(January 26 to May 19, 2020)

and

the performance was Satisfactory/Good/Very Good/ Excellent /Outstanding

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

Prof. H. C. Verma (Retd.)
Department of Physics
IIT Kanpur

Centre for Continuing Education

Indian Institute of Technology Kanpur



This is to certify that

Rajiv Kumar

has participated in the course

Basics of Quantum Mechanics

(August 15 to November 18, 2019)

and

the performance was Satisfactory/Good/Excellent/Outstanding

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

Prof. H. C. Verma (Retd.)
Department of Physics
IIT 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/>

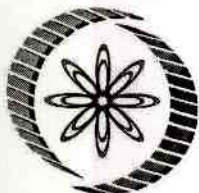
Roll No: NPTEL20MM02S1747367

To
RAJIV KUMAR
S2, 25A DIAMOND COLONY NEAR SARASWATI
NAGAR BEHIND GOLD SOUK,
JAIPUR
RAJASTHAN-302017
PH. NO :7597049105



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

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



This certificate is awarded to

RAJIV KUMAR

for passing the course

Fundamentals of Electronic Materials and Devices

with Score* **98** %



Devendra Jali hal

Prof. Devendra Jali hal
Chairman
Centre for Continuing Education, IITM

Jan-Mar 2020
(8 week course)

Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



*Continuous online assessment score

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

Centre for Continuing Education

Indian Institute of Technology Kanpur



This is to certify that

Rajiv kumar

has successfully completed the course

Learning Physics Through Simple Experiments

(April 2 to June 10, 2020)

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

Prof. H. C. Verma (Retd.)
Department of Physics
IIT Kanpur

Centre for Continuing Education

Indian Institute of Technology Kanpur



This is to certify that

Rajiv Kumar

has participated in the course

Advanced Course on Special theory of Relativity

(January 26 to May 19, 2020)

and

the performance was Satisfactory/Good/Very Good/ Excellent /Outstanding

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

Prof. H. C. Verma (Retd.)
Department of Physics
IIT 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: NPTEL19PH13S11430162

To
RAJIV KUMAR
S-2,25-A DIAMOND COLONY, NEAR SARASWATI
NAGAR
BEHIND GOLD SOUK MALL, JAWAHAR CIRCL
JAIPUR
RAJASTHAN
302017
PH. NO : 7597049105

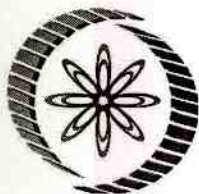


Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully Completed
< 40	No Certificate

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

RAJIV KUMAR

for successfully completing the course

Solar Photovoltaics Fundamentals, Technology and Applications

with a consolidated score of **78** %

Online Assignments	24.17/25	Proctored Exam	54/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 518

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

Jul-Sep 2019
(8 week course)

Prof. Inderdeep Singh
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL19PH13S11430162

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: NPTEL20EE32S1219915

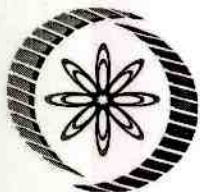
To

RAMMURTI MEENA
11MB84 INDIRA GANDHI NAGAR, SECTOR 11
JAGATPURA
JAIPUR
RAJASTHAN - 302017
PH. NO : 9261167241



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
RAMMURTI MEENA
for passing the course

Digital Electronic Circuits

with Score* **83** %

Covid-19
impacted
January 2020
semester

A. Goswami

Jan-Apr 2020
(12 week course)

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur



Indian Institute of Technology Kharagpur



*Continuous online assessment score

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



Dec 1, 2020

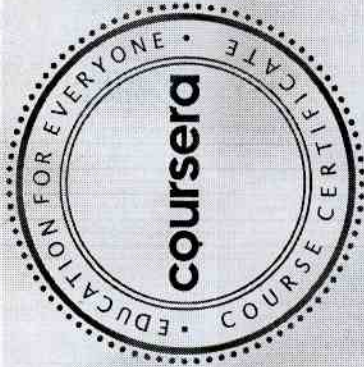
Ravish Pandey

has successfully completed

Finance for Everyone: Decisions

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

COURSE
CERTIFICATE



Arshad Ahmad

Arshad Ahmad
Professor
DeGroote School of Business

Verify at coursera.org/verify/8QM5LKJFHB9T
Coursera has confirmed the identity of this individual and their
participation in the course.



**COGNITIVE
CLASS.ai**



This is to certify that

Richa rawal

successfully completed and received a passing grade in

Building Robots with TJBOT

(IT0101EN, provided by CognitiveClass)

an online course on **Cognitive Class**.

March 4, 2020

Authenticity of this certificate can be validated by going to:

<https://courses.cognitiveclass.ai/certificates/77d7c6c08ac44959a9686216b3d705c4>

This is to certify that

Richa Rawal

has successfully completed

Interview Skills

online course offered by TCS iON

Start Date: 09 May 2020 | End Date: 09 May 2020

Topics:

- Objectives
- Process before the Interview
- Process during the Interview
- Process after the Interview
- FAQ's



Cert. ID.: 66789-7808323-1016
Dated: 09 May 2020

Head - Learning,
iON Digital Learning Hub

This is to certify that

Richa Rawal

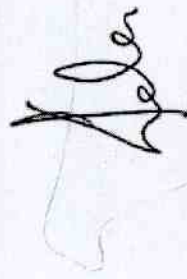
has successfully completed

Introduction to Artificial Intelligence
online course offered by NPTEL

Course End Date: 09 May 2020

Topics:

- Introduction to Artificial Intelligence ■ Problem Solving ■ Game Playing ■ Knowledge Representation
- Planning ■ Reasoning ■ Learning ■ Natural Language Processing



(Faculty)

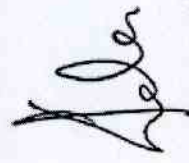
This is to certify that

Richa Rawal
has successfully completed
Natural Language Processing
online course offered by NPTEL

Course End Date: 12 May 2020

Topics:

■ Introduction to NLP ■ Words and Word Forms ■ Sound ■ Web 2.0 applications ■ Meaning ■ Structures



(Faculty)

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: NPTEL19EE51S31500140

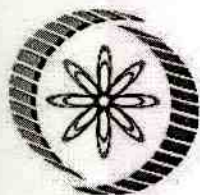
To
RICHA SHARMA
81/245, PRATAP NAGAR, SECTOR-8
JAIPUR
RAJASTHAN
302033
PH. NO :8058301495



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
RICHA SHARMA
for successfully completing the course
Digital Circuits

with a consolidated score of **65** %

Online Assignments	24.34/25	Proctored Exam	40.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 2864

A. Goswami

Jul-Oct 2019
(12 week course)

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19EE51S31500140

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



Roll No:NPTEL19MM20S31500414

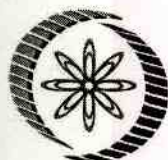
To RISHI VYAS

F-2, PLOT NO. - 26, PURUSHARTH NAGAR-B,
JAGATPURA
JAIPUR
JAIPUR
RAJASTHAN
302017
PH. NO :9828540040



Duration of NPTEL course: 12 Weeks

No. of weeks of NPTEL Courses	Equivalence of NPTEL course with regular FDP
4	$\frac{1}{2}$ FDP of one week
8	Full FDP of one week
12	$1\frac{1}{2}$ FDP



NPTEL-AICTE Faculty Development Programme

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



This certificate is awarded to

RISHI VYAS

for successfully completing the course

Physics of Materials

with a consolidated score of **75 %**

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Jul-Oct 2019)

Prof. Dileep N. Malkhede
Advisor-I (Research, Institute & Faculty Development)
All India Council for Technical Education

Roll No: NPTEL19MM20S31500414

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

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2018, similar to other refresher / orientation courses.
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18

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: NPTEL20CS35S1892966

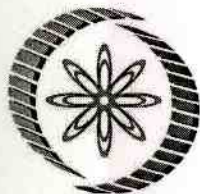
To

RISHI VYAS
F2, PURUSHARTH NAGARB, JAGATPURA
JAIPUR
RAJASTHAN-302017
PH. NO :9828540040



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

RISHI VYAS

for passing the course

The Joy of Computing using Python

with Score* **97** %

Covid-19
impacted
January 2020
semester

Devendra Jaliwal

Prof. Devendra Jaliwal
Chairman
Centre for Continuing Education, IITM

Jan-Apr 2020
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



*Continuous online assessment score

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

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

Roll No: NPTEL20MM02S1691452

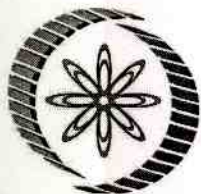
To

RISHI VYAS
F2, PURUSHARTH NAGARB, JAGATPURA
JAIPUR
RAJASTHAN-302017
PH. NO :9828540040



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

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



This certificate is awarded to

RISHI VYAS

for passing the course

Fundamentals of Electronic Materials and Devices

with Score* **98** %

**Covid-19
impacted
January 2020
semester**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Mar 2020
(8 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



*Continuous online assessment score

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

Centre for Continuing Education

Indian Institute of Technology Kanpur



This is to certify that

Rishi Vysa

has successfully completed the course

Learning Physics Through Simple Experiments

(April 2 to June 10, 2020)

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

Prof. H. C. Verma (Retd.)
Department of Physics
IIT Kanpur

Centre for Continuing Education

Indian Institute of Technology Kanpur



This is to certify that

Rishi Vyas

has participated in the course

Basics of Quantum Mechanics

(August 15 to November 18, 2019)

and

the performance was Satisfactory/Good/Excellent/Outstanding

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

Prof. H. C. Verma (Retd.)
Department of Physics
IIT Kanpur

Centre for Continuing Education

Indian Institute of Technology Kanpur



This is to certify that

Rishi Vyas

has participated in the course

Advanced Course on Special theory of Relativity

(January 26 to May 19, 2020)

and

the performance was Satisfactory/Good/Very Good/ Excellent /Outstanding

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

Prof. H. C. Verma (Retd.)
Department of Physics
IIT 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: NPTEL20CS35S1892966

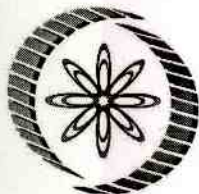
To

RISHI VYAS
F2, PURUSHARTH NAGARB, JAGATPURA
JAIPUR
RAJASTHAN-302017
PH. NO :9828540040



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

RISHI VYAS

for passing the course

The Joy of Computing using Python

with Score* **97** %

Covid-19
impacted
January 2020
semester

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Apr 2020
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



*Continuous online assessment score

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

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



Roll No: NPTEL19ME75S11430232

To
SANGEETA CHOUDHARY
T-18/5, SHANTI PATH, SANJAY COLONY,
RPA ROAD,
PANIPECH
JAIPUR
RAJASTHAN
302016
PH. NO: 9414455719

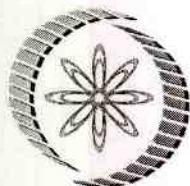


Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully Completed
< 40	No Certificate

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
SANGEETA CHOUDHARY
for successfully completing the course

**A Short Lecture Series on Contour Integration
in the Complex Plane**

with a consolidated score of **76** %

Online Assignments	25.00/25	Proctored Exam	51/75
--------------------	----------	----------------	-------

Prof. G. L. Sivakumar Babu
Chairman, Centre for Continuing Education
IISc Bangalore

Total number of candidates certified in this course: 87

Jul-Aug 2019
(4 week course)

Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore



Indian Institute of Science Bangalore



Roll No: NPTEL19ME75S11430232

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



THE UNIVERSITY
of EDINBURGH

05/10/2020

Sangeeta Choudhary

has successfully completed

Sit Less, Get Active

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

Professor, Usher

University of Edinburgh Health Sciences
The University of Edinburgh

COURSE
CERTIFICATE



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



01/19/2020

Sangeeta Choudhary

has successfully completed

Cybersecurity and the Internet of Things

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

[Handwritten signatures]

Dr. Todd Clark, Dr. Truayon Zafar, Herbert J. Nassiri, Ph.D., CISM, CISO, CDR, US, Andy Green
Cybersecurity Systems
University System of Georgia

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/NGUYEN3TV9
Coursera has confirmed the identity of this individual and
their participation in the course.

193

KAIST

05/20/2012

Sangeeta Choudhary

has successfully completed

Introduction to Ordinary Differential Equations

an online 3.00-credit course authorized by Korea Advanced Institute of Science and Technology (KAIST) and offered through Coursera.



Professor Seon-Hoon Kwon, Ph.D.
Department of Mathematical Sciences
Korea Advanced Institute of Science and Technology

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/DLLYHAX8Y64
Coursera has confirmed the identity of this individual and
their participation in the course.



05/22/2010

Sangeeta Choudhary

has successfully completed

Write Professional Emails in English

an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera


Gary Sanders
Lecturer
GTU Language Institute

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/7D3H2ELXJDR1
Coursera has confirmed the identity of this individual and
their participation in the course.



THE UNIVERSITY OF
SYDNEY

00137030

Sangeeta Choudhary

has successfully completed

Introduction to Calculus

an online non-credit course authorized by The University of Sydney and offered
through Coursera.

David Easdown
Associate Professor
Department of Mathematics and Statistics

**COURSE
CERTIFICATE**



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

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: NPTEL20MA22S1311392

To
SANGEETA CHOUDHARY
T185, SHANTI PATH, SANJAY COLONY, RPA
ROAD, PANIPECH
JAIPUR
RAJASTHAN-302016
PH. NO :9414455719



No. of credits recommended by NPTEL:1

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

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



This certificate is awarded to
SANGEETA CHOUDHARY
for passing the course

Introduction to Probability and Statistics

with Score* 99 %



Devendra Jaliha

Prof. Devendra Jaliha
Chairman
Centre for Continuing Education, IITM

Jan-Feb 2020
(4 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



*Continuous online assessment score

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

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

Roll No: NPTEL19HS32S51500011

To
SANGEETA VYAS
B-12, MNIT CAMPUS
JAIPUR
RAJASTHAN
302017
PH. NO :9413237437

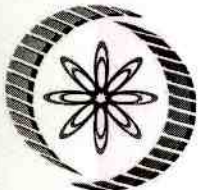


Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

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

SANGEETA VYAS

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of **83** %

Online Assignments	23.33/25	Proctored Exam	60/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 15357

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

Aug-Oct 2019
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL19HS32S51500011

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/>

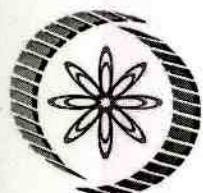
Roll No: NPTEL20BT03S1322534

To
SANGEETA VYAS
B12, MNIT CAMPUS
JAIPUR
RAJASTHAN-302017
PH. NO :9413237437



No. of credits recommended by NPTEL:1

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

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



This certificate is awarded to

SANGEETA VYAS

for passing the course

Bioenergetics of Life Processes

with Score* 90 %

Covid-19
impacted
January 2020
semester

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

Feb-Mar 2020
(4 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



*Continuous online assessment score

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

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



Roll No: NPTEL19CE32S41500345

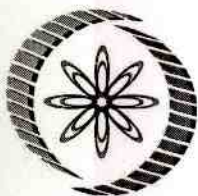
To
SAURABH SINGH
23 DEENDAYAL NAGAR
BEHIND RBM HOSPITAL
BHARATPUR
RAJASTHAN
321001
PH. NO :7791906314



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

SAURABH SINGH

for successfully completing the course

Wastewater Treatment and Recycling

with a consolidated score of **51** %

Online Assignments	19.22/25	Proctored Exam	32.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 576

Jul-Oct 2019
(12 week course)

A. Goswami
Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur

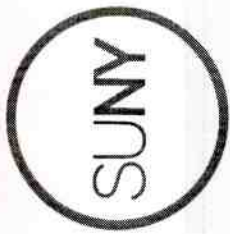


Indian Institute of Technology Kharagpur



Roll No: NPTEL19CE32S41500345

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



The State University
of New York

Sep 5, 2020

Savita

has successfully completed

How to Write a Resume (Project-Centered Course)

an online non-credit course authorized by The State University of New York and offered
through Coursera

Holly Justice
Career Counselor
University at Buffalo Career Services

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/ARBHYBYGQW3T
Coursera has confirmed the identity of this individual and their
participation in the course.

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: NPTEL20MA22S1377659

To
DR SHALINI SHEKHAWAT
CS3 J P COLONY TONK PHATAK
JAIPUR
RAJASTHAN-302015
PH. NO :9461628510



No. of credits recommended by NPTEL:1

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

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



This certificate is awarded to

DR SHALINI SHEKHAWAT

for passing the course

Introduction to Probability and Statistics

with Score* 99 %



Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Feb 2020
(4 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



*Continuous online assessment score

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



05/27/2020

Shanu Tripathi

has successfully completed

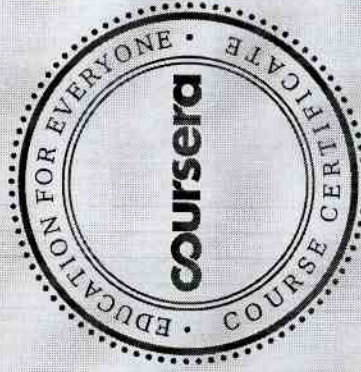
COVID-19 Contact Tracing

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

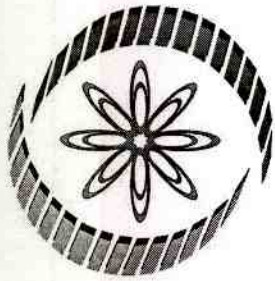
A handwritten signature in black ink, reading "Emily S. Gurley".

Dr. Emily S. Gurley
Associate Scientist
Department of Epidemiology
Johns Hopkins Bloomberg School of Public Health

**COURSE
CERTIFICATE**



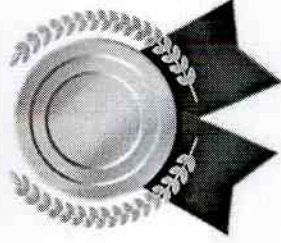
Verify at coursera.org/verify/EMZNUCTY9CKN
Coursera has confirmed the identity of this individual and
their participation in the course.



Elite

NPTEL Online Certification

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



This certificate is awarded to

SHANU TRIPATHI

for successfully completing the course

Hardware Modeling Using Verilog

with a consolidated score of **82** %

Online Assignments	22.75/25	Proctored Exam	58.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 336

A. Goswami

Prof. Adrijit Goswami

Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur

Aug-Oct 2019

(8 week course)



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CS72S31500404

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: NPTEL19GE26S11430227

To
DR.SHARDA SONI
C - 43, ANAND VIHAR, RAILWAY COLONY
JAGATPURA JAIPUR.
JAIPUR
RAJASTHAN
302017
PH. NO :9785337775

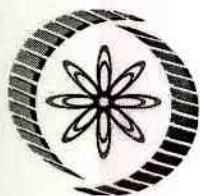


Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

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
DR.SHARDA SONI
for successfully completing the course
Stress Management

with a consolidated score of **71** %

Online Assignments	16.67/25	Proctored Exam	54/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 1200

A. Goswami

Jul-Aug 2019
(4 week course)

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19GE26S11430227

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: NPTEL19HS32S51500127

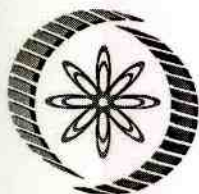
To
SHARDA SONI
C-43, ANAND VIHAR, RAILWAY COLONY,
JAGATPURA
JAIPUR
RAJASTHAN
302017
PH. NO :9785337775



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

SHARDA SONI

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of **86** %

Online Assignments	24.17/25	Proctored Exam	62.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 15357

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

Aug-Oct 2019
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL19HS32S51500127

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/>

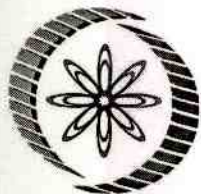
Roll No: NPTEL20HS14S1657302

To
SHARDA SONI
C43, ANAND VIHAR, RAILWAY COLONY,
JAGATPURA
JAIPUR
RAJASTHAN - 302017
PH. NO :9785337775



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

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



This certificate is awarded to

SHARDA SONI

for passing the course

Speaking Effectively

with Score* **67** %

Covid-19
impacted
January 2020
semester

A. Goswami

Jan-Mar 2020
(8 week course)

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur



Indian Institute of Technology Kharagpur



*Continuous online assessment score

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

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



Roll No: NPTEL19HS32S51500051

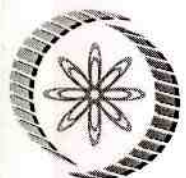
To
SHEEBA ANJUM
785/A JAT KE KUWE KA RASTA CHANDPOLE
BAZAR
JAIPUR
RAJASTHAN
302001
PH. NO :9928334657



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

SHEEBA ANJUM

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of **90** %

Online Assignments	24.33/25	Proctored Exam	65.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 15357

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

Aug-Oct 2019
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL19HS32S51500051

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: NPTEL19CE28S41500136

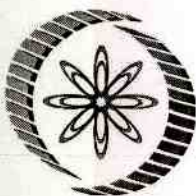
To
SHUBHAM KUMAR KUMAWAT
A-17 SEN COLONY BANIPARK
JAIPUR
RAJASTHAN
302016
PH. NO :8302818118



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
SHUBHAM KUMAR KUMAWAT
for successfully completing the course
Fluid Mechanics

with a consolidated score of **70** %

Online Assignments	22.17/25	Proctored Exam	48/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 595

Aug-Oct 2019
(8 week course)

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



Indian Institute of Technology Guwahati



Roll No: NPTEL19CE28S41500136

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: NPTEL19EE51S31500146

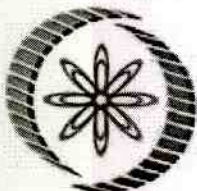
To
SUMAN SHARMA
A-235,236, DR. RAJENDRA PRASAD NAGAR,
NIRMAN NAGAR
JAIPUR
RAJASTHAN
302019
PH. NO :9785132891



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
SUMAN SHARMA
for successfully completing the course
Digital Circuits

with a consolidated score of **72** %

Online Assignments	24.34/25	Proctored Exam	48/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 2864

Jul-Oct 2019
(12 week course)

A. Goswami
Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19EE51S31500146

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



COURSE CERTIFICATE

06/16/2020

Sunil Dhankhar

has successfully completed

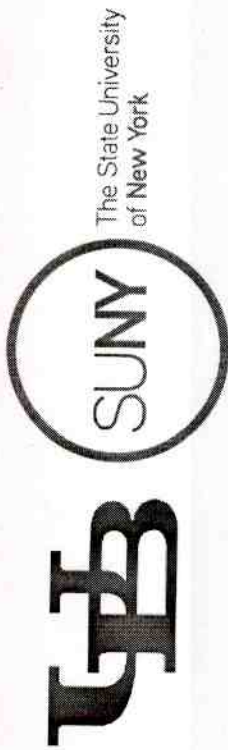
Machine Learning for All

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



Dr. Marco Gillies
Computing Department,
Goldsmiths, University of London

Verify at coursera.org/verify/RCFVCR9ZAMXR
Coursera has confirmed the identity of this individual and
their participation in the course.



06/10/2020

Sunita Gupta

has successfully completed

Blockchain Basics

an online non-credit course authorized by University at Buffalo and The State University of New York and offered through Coursera

Bina Ramamurthy

Bina Ramamurthy
Teaching Professor
Computer Science and Engineering

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/WK3GPWS3FGHE
Coursera has confirmed the identity of this individual and
their participation in the course.



05/12/2020

Sunita Gupta

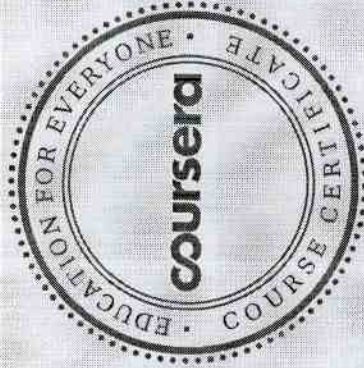
has successfully completed

Cybersecurity and Its Ten Domains

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

Dr. Humayun Zafar
Department of Information Systems
University System of Georgia

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/VYBVBN5PRJAF
Coursera has confirmed the identity of this individual and
their participation in the course.



05/11/2020

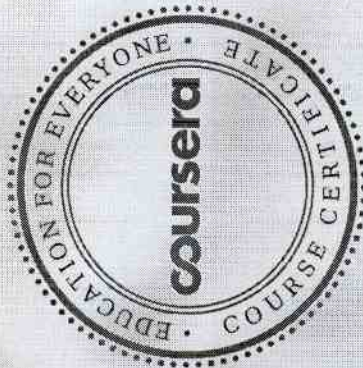
Sunita Gupta

has successfully completed

Cybersecurity and the Internet of Things

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

**COURSE
CERTIFICATE**



Traci Carter *Herbert J. Mattson* *Andy Green*

Dr. Traci Carter, Dr. Humayun Zafer, Herbert J. Mattson, Ph.D., CISM, CISSP, CDP, Mr. Andy Green
Information Systems
University System of Georgia

Verify at coursera.org/verify/TENTEXSH65LH
Coursera has confirmed the identity of this individual and
their participation in the course.



05/27/2020

Sunita Gupta

has successfully completed

Cybersecurity and Mobility

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

COURSE CERTIFICATE



Traci Carter *Herbert J. Mattord* *Andy Green*

Dr. Traci Carter, Dr. Humayun Zafar, Herbert J. Mattord, Ph.D., CISM, CISSP, CDP, Mr. Andy Green
Information Systems
University System of Georgia

Verify at coursera.org/verify/R6H5QPENBRSE
Coursera has confirmed the identity of this individual and
their participation in the course.



University of Colorado

Boulder | Colorado Springs | Denver | Anschutz Medical Campus

05/18/2020

Sunita Gupta

has successfully completed

Fundamentals of Network Communication

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

Xiaobo Zhou

Xiaobo Zhou
Professor, Interim Dean
College of Engineering and Applied Sciences

COURSE
CERTIFICATE



Verify at coursera.org/verify/3CAC5LCFLQVV
Coursera has confirmed the identity of this individual and
their participation in the course.



University of Colorado

Boulder | Colorado Springs | Denver | Anschutz Medical Campus

05/16/2020

Sunita Gupta

has successfully completed

Peer-to-Peer Protocols and Local Area Networks

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

Xiaobo Zhou

Xiaobo Zhou
Professor, Interim Dean
College of Engineering and Applied Sciences

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/C5VFUKQ4TFSA
Coursera has confirmed the identity of this individual and
their participation in the course.



YONSEI
UNIVERSITY

05/24/2020

Sunita Gupta

has successfully completed

Wireless Communications for Everybody

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

COURSE
CERTIFICATE



Thanghan Kim *5/24/20* *due by 5/24/20*

Kwang-Seon Kim, Seong-Lyun Kim, Chan-Byoung Chae, Dae-Sik Hong, Song-Kuk Kim
School of Electrical & Electronic Engineering & Integrated Technology
Yonsei University

Verify at coursera.org/verify/QKRH9XXQ98YG
Coursera has confirmed the identity of this individual and
their participation in the course.

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: NPTEL19CS41S51500116

To
DR. SUNITA GUPTA
189, JAI NAGAR, MURLIPURA, ROAD NO.-2, SIKAR
ROAD
JAIPUR
RAJASTHAN
302013
PH. NO :9828510686

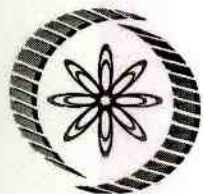


Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully Completed
< 40	No Certificate

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

DR. SUNITA GUPTA
for successfully completing the course

The Joy of Computing Using Python

with a consolidated score of **91** %

Online Assignments	24.75/25	Programming Exam	25/25	Proctored Exam	41/50
--------------------	----------	------------------	-------	----------------	-------

Total number of candidates certified in this course: 8505

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jul-Oct 2019
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS41S51500116

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

Certificate of Completion

This is to certify that **Sushant kumar** successfully
completed 40 total hours of **Machine Learning A-
Z™: Hands-On Python & R In Data Science** online
course on April 25, 2020

Will Eremenko
Will Eremenko, Instructor

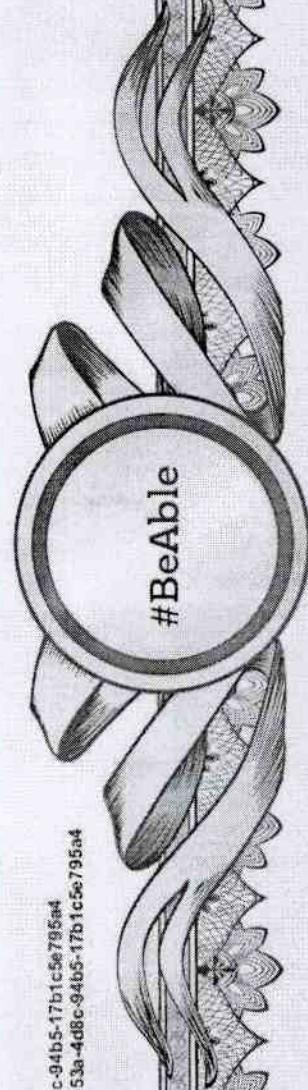
Hadelin de Ponteves
Hadelin de Ponteves, Instructor

Super Data Science Team
SuperDataScience Team, Instructor

Super Data Science Support
SuperDataScience Support, Instructor

&
Udemy

Certificate no. UC-53c84d51-e53a-4d8c-94b5-17b1c5e795a4
Certificate url: udemy.com/UC-53c84d51-e53a-4d8c-94b5-17b1c5e795a4



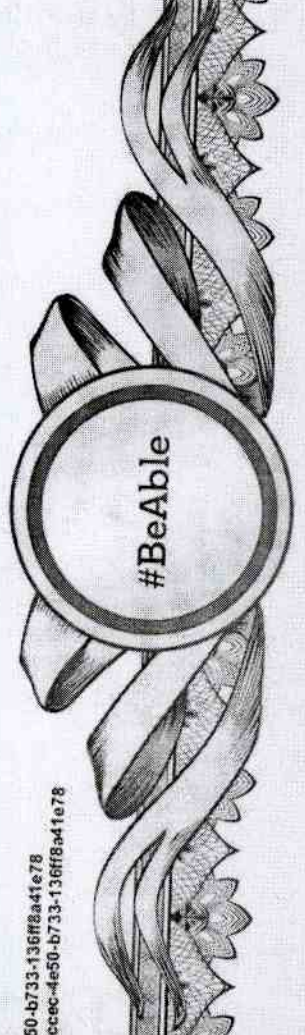
Certificate of Completion

*This is to certify that Sushant kumar successfully
completed 3.5 total hours of Python for Spatial
Data Analysis with Earth Engine and QGIS online
course on April 18, 2020*

Dr. Alemayehu Midekisa *Spatial eLearning*
Dr. Alemayehu Midekisa, Instructor Spatial eLearning, Instructor

&
Udemy

Certificate no. UC9b16e577-cc6c-4e50-b733-136ff8a41e78
Certificate url: ude.my/UC-9b16e577-cc6c-4e50-b733-136ff8a41e78





YONSEI
UNIVERSITY

05/07/2020

Sushant kumar

has successfully completed

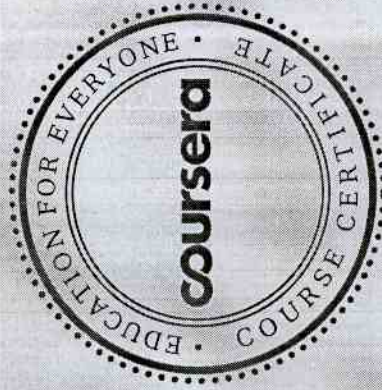
Spatial Data Science and Applications

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

Joon Heo

Joon Heo
Professor
School of Civil and Environmental Engineering

COURSE
CERTIFICATE



Verify at coursera.org/verify/4Y79GXLFU4MD
Coursera has confirmed the identity of this individual and
their participation in the course.



05/23/2020

Sushant kumar

has successfully completed

Python Data Analysis

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

Scott Rixner
Professor
Dept. of Computer Science
Rice University

Joe Warren
Professor
Dept. of Computer Science
Rice University

COURSE
CERTIFICATE



Verify at coursera.org/verify/F66A8ZY8PLP3
Coursera has confirmed the identity of this individual and
their participation in the course.

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/>

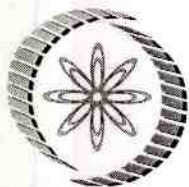
Roll No: NPTEL20CY03S1876747

To
DR. SWATI JOSHI
SKIT COLLEGE RAMNAGARIYA JAGAT PURA
JAIPUR
RAJASTHAN-302025
PH. NO :9461207759



No. of credits recommended by NPTEL:1

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

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



This certificate is awarded to

DR. SWATI JOSHI

for passing the course

Basics in Inorganic Chemistry

with Score* **93** %

Covid-19
impacted
January 2020
semester

Jan-Feb 2020
(4 week course)

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



Indian Institute of Technology Bombay



***Continuous online assessment score**

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

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

Roll No: NPTEL20EE06S1776847

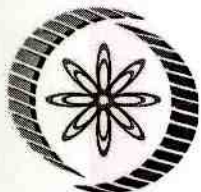
To

TARUN NARUKA
53321 NARUKA BHAWAN NAWAB KA BERA AJMER
AJMER
RAJASTHAN-305001
PH. NO :7665880996



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

TARUN NARUKA

for passing the course

Signals and Systems

with Score* **91** %

Covid-19
impacted
January 2020
semester

Prof. Snigdha Thakur
Dean, Academic Affairs
IISER Bhopal

Prof. Bharathwaj Sathyamoorthy
NPTEL Coordinator
IISER Bhopal

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



IISER - Indian Institute of Science
Education and Research Bhopal

Jan-Apr 2020
(12 week course)



*Continuous online assessment score

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

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

Roll No: NPTEL20EE42S21650216

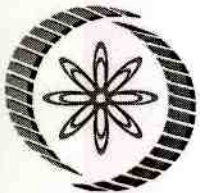
To
VIKAS PATHAK
ASSOCIATE PROFESSOR, ECE DEPARTMENT,
SKIT COLLEGE, RAMNAGARIA, JAGATPURA
JAIPUR
RAJASTHAN - 302017
PH. NO :8503856191



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

VIKAS PATHAK

for successfully completing the course

Microprocessors and Microcontrollers

with a consolidated score of **67** %

Online Assignments	23.34/25	Proctored Exam	43.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 224


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

Jan-Apr 2020
(12 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL20EE42S21650216

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: NPTEL19CS72S41500384

To
VIKAS PATHAK
ASSOCIATE PROFESSOR,
ECE DEPARTMENT,
SKIT COLLEGE
RAMNAGARIA JAGATPURA
JAIPUR
RAJASTHAN
302017
PH. NO :8503856191

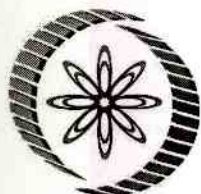


Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully Completed
< 40	No Certificate

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

VIKAS PATHAK

for successfully completing the course

Hardware Modeling Using Verilog

with a consolidated score of **72** %

Online Assignments	16.12/25	Proctored Exam	55.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 336

Aug-Oct 2019
(8 week course)

A. Goswami

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CS72S41500384

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

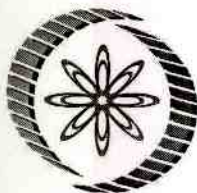
This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>


Roll No: NPTEL19CS73S61500417
To
VIKAS PATHAK
ASSOCIATE PROFESSOR,
ECE DEPARTMENT,
SKIT COLLEGE
RAMNAGARIA JAGATPURA
JAIPUR
RAJASTHAN
302017
PH. NO :8503856191

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

VIKAS PATHAK

for successfully completing the course

Synthesis of Digital Systems

with a consolidated score of **52** %

Online Assignments	17.03/25	Proctored Exam	34.5/75
--------------------	----------	----------------	---------

Devendra Jaliwal

Total number of candidates certified in this course: 53

Prof. Devendra Jaliwal
Chairman
Centre for Continuing Education, IITM

Jul-Oct 2019
(12 week course)

Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS73S61500417

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/>

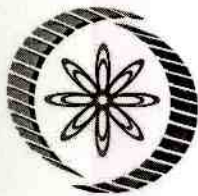
Roll No: NPTEL20EE38S1881977

To
VIKAS RANVEER SINGH MAHALA
1031 RANI SATI NAGAR
NIRMAN NAGAR
JAIPUR
RAJASTHAN - 302019
PH. NO :9351066315



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
VIKAS RANVEER SINGH MAHALA

for passing the course

Electrical Machines - II

with Score* **100 %**



A. Goswami

Jan-Apr 2020
(12 week course)

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur



Indian Institute of Technology Kharagpur



*Continuous online assessment score

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



Roll No: NPTEL19EE30S41480009

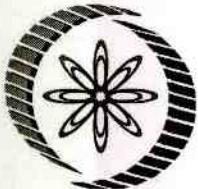
To

VIKAS RANVEER SINGH MAHALA
1031, , RANI SATI NAGAR, NIRMAN NAGAR
JAIPUR
RAJASTHAN
302019
PH. NO :9351066315



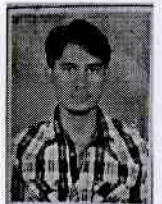
Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:3



NPTEL Online Certification

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



This certificate is awarded to

VIKAS RANVEER SINGH MAHALA

for successfully completing the course

Control Engineering

with a consolidated score of **54** %

Online Assignments	19.44/25	Proctored Exam	34.88/75
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Total number of candidates certified in this course: 856

A. Ramesh

Prof. A. Ramesh
Chairman
Centre for Continuing Education, IITM

Jan-Apr 2019
(12 week course)

Thangara

Prof. Andrew Thangara
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19EE30S41480009

To validate and check scores: <http://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: NPTEL19EE60S51500324

To
VIKAS RANVEER SINGH MAHALA
1031 RANI SATI NAGAR
NIRMAN NAGAR
JAIPUR
RAJASTHAN
302019
PH. NO :9351066315

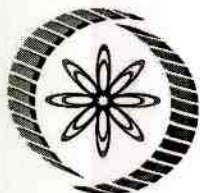


Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully Completed
< 40	No Certificate

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
VIKAS RANVEER SINGH MAHALA
for successfully completing the course
Electrical Machines - I

with a consolidated score of **80** %

Online Assignments	23.44/25	Proctored Exam	56.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 214

Jul-Oct 2019
(12 week course)

A. Goswami
Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19EE60S51500324

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/>

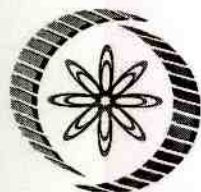

Roll No: NPTEL19EE49S61500384
To
VINAY KANUNGO
1/618 MALVIYA NAGAR
JAIPUR
RAJASTHAN
302017
PH. NO :9784124995



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
VINAY KANUNGO

for successfully completing the course

Principles of Modern CDMA/ MIMO/ OFDM Wireless Communications

with a consolidated score of **61** %

Online Assignments	17.08/25	Proctored Exam	43.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 450

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

Aug-Oct 2019
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL19EE49S61500384

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



07/08/2020

Vinay Kanungo

has successfully completed

Nanotechnology and Nanosensors, Parti

an online non-credit course authorized by Technion - Israel Institute of Technology and offered through Coursera

A handwritten signature in black ink, appearing to read 'Haick'.

Prof. Hossam Haick
Head of the Laboratory for Nanomaterial-Based Devices (LNBD) and Volatile Biomarkers
Department of Chemical Engineering and Russell Berrie Nanotechnology Institute
Technion - Israel Institute of Technology

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/AJPQUGDEVM5F
Coursera has confirmed the identity of this individual and
their participation in the course.

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/>

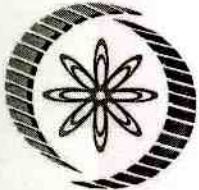
Roll No: NPTEL20ME26S1120142

To
VINAY SINGH MARWAL
HOUSE NO 67227 SECTOR 6 PRATAP
NAGAR
SANGANER - JAIPUR
JAIPUR
RAJASTHAN - 302033
PH. NO :9829368210



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

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



This certificate is awarded to
VINAY SINGH MARWAL
for passing the course

Failure Analysis and Prevention

with Score* 88 %



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

Feb-Apr 2020
(8 week course)

Prof. Inderdeep Singh
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



*Continuous online assessment score

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

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

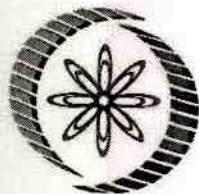
Roll No: NPTEL20GE03S1215271

To
VINITA SHARMA
3, PUSHPANJALI COLONY, NEAR MAHESH NAGAR
FATAK
JAIPUR
RAJASTHAN-302015
PH. NO :9460766621



No. of credits recommended by NPTEL:1

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

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



This certificate is awarded to

VINITA SHARMA

for passing the course

Effective Engineering Teaching in Practice

with Score* **93** %

Covid-19
impacted
January 2020
semester

Devendra Jali hal

Prof. Devendra Jali hal
Chairman
Centre for Continuing Education, IITM

Jan-Feb 2020
(4 week course)

Th

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



*Continuous online assessment score

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



05/10/2020

Yogendra Gupta

has successfully completed

Python Data Structures

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

A handwritten signature in black ink, appearing to read 'Charles'.

Charles Severance
Clinical Professor, School of Information
University of Michigan

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/GJHANTHEC7ZW
Coursera has confirmed the identity of this individual and
their participation in the course.



University of Colorado
Boulder | Colorado Springs | Denver | Anschutz Medical Campus

05/07/2020

Yogendra Gupta

has successfully completed

Embedded Software and Hardware Architecture

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

A handwritten signature in blue ink, appearing to read 'Yogendra Gupta', written over a horizontal line.

COURSE
CERTIFICATE



Verify at coursera.org/verify/CF22GQNUEB23
Coursera has confirmed the identity of this individual and
their participation in the course.



05/07/2020

Yogendra Gupta

has successfully completed

Programming for Everybody (Getting Started with Python)

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

A handwritten signature in black ink, appearing to read 'Charles'.

Charles Severance
Clinical Professor, School of Information
University of Michigan

COURSE
CERTIFICATE



Verify at coursera.org/verify/4W7M3C85DRNG
Coursera has confirmed the identity of this individual and
their participation in the course.

UCI University of
California, Irvine

05/01/2020

Yogendra Gupta

has successfully completed

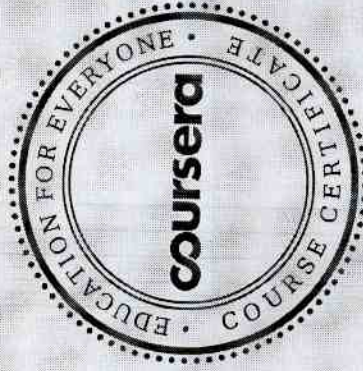
**Introduction to the Internet of Things and
Embedded Systems**

an online non-credit course authorized by University of California, Irvine and offered
through Coursera



Jan Harris
Professor
Department of Computer Science

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/KYLQZZPYC23B
Coursera has confirmed the identity of this individual and
their participation in the course.



Roll No: NPTEL19EE11S31480354

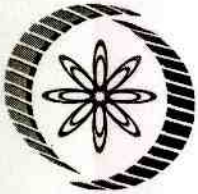
To
ABHINANDAN JAIN
66 WAIR HOUSE COLONY
BAZARIA
SAWAI MADHOPUR
RAJASTHAN
322001
PH. NO :7891395110



Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully completed the course
< 40	No Certificate

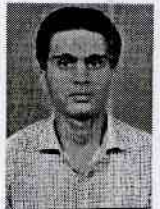
No. of credits recommended by NPTEL:3

Elite



NPTEL Online Certification

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



This certificate is awarded to

ABHINANDAN JAIN

for successfully completing the course

Microprocessors and Microcontrollers

with a consolidated score of **76** %

Online Assignments	23.69/25	Proctored Exam	52.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 1727

Jan-Apr 2019
(12 week course)

A. Goswami

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19EE11S31480354

To validate and check scores: <http://npTEL.ac.in/noc>



Roll No:NPTEL18EE33S11420408

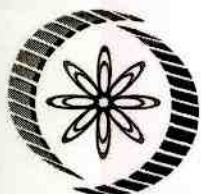
To

ABHINANDAN JAIN
66 WAIR HOUSE COLONY
BAZARIA
SAWAI MADHOPUR
RAJASTHAN
322001
PH. NO :7891395110



Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:3



Elite

NPTEL Online Certification

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



This certificate is awarded to
ABHINANDAN JAIN
for successfully completing the course
Digital Circuits
with a consolidated score of **81 %**

Online Assignments	23.66/25	Proctored Exam	57/75
--------------------	----------	----------------	-------

Prof. Anupam Basu
NPTEL Coordinator
IIT Kharagpur

Total number of candidates certified in this course: 4707

Jul-Oct 2018
(12 week course)

Prof. Adrijit Goswami
Dean
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL18EE33S11420408

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



Roll No:NPTEL18MG43S11420100

To

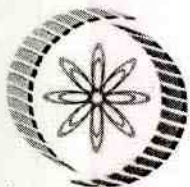
ACHIN SRIVASTAV
E-801 MEWAR APARTMENT PRATAP NAGAR
JAIPUR-302033
JAIPUR
RAJASTHAN
302033
PH. NO :9981381984



Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:3

Elite



TOPPER

NPTEL Online Certification

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



This certificate is awarded to

ACHIN SRIVASTAV

for successfully completing the course

Management of Inventory Systems

with a consolidated score of **83 %**

Online Assignments	22.66/25	Proctored Exam	60.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **86**

Prof. Anupam Basu
NPTEL Coordinator
IIT Kharagpur

Jul-Oct 2018
(12 week course)

A. Goswami

Prof. Adrijit Goswami
Dean
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL18MG43S11420100

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



Roll No:NPTEL18ME53S11370061

To

ACHIN SRIVASTAV
E-801 MEWAR APARTMENT PRATAP NAGAR
JAIPUR-302033
JAIPUR
RAJASTHAN
302033
PH. NO :9981381984



Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:2

Elite

NPTEL Online Certification

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



This certificate is awarded to

Achin Srivastav

for successfully completing the course

Design for Quality, Manufacturing and Assembly

with a consolidated score of **77 %**

Online Assignments	21.67/25	Proctored Exam	55.5/75
--------------------	----------	----------------	---------

A. Ramesh

Prof. A. Ramesh
Chairman

Center for Continuing Education, IITM

Total number of candidates certified in this course: **288**

Aug-Sep 2018
(8 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL18ME53S11370061

To validate and check scores: <http://npTEL.ac.in/noc>



Roll No: NPTEL19ME32S31480165

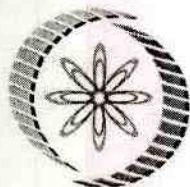
To
ACHIN SRIVASTAV
E-801 MEWAR APARTMENT PRATAP NAGAR
JAIPUR-302033
JAIPUR
RAJASTHAN
302033
PH. NO :9981381984



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2

Elite



NPTEL Online Certification

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



This certificate is awarded to
ACHIN SRIVASTAV
for successfully completing the course



Introduction to Machining and Machining Fluids

with a consolidated score of **91** %

Online Assignments	24.58/25	Proctored Exam	66/75
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Total number of candidates certified in this course: 499

Prof. Sunil Khijwania
Head, Center for Educational Technology
NPTEL Coordinator, IIT Guwahati

Feb-Apr 2019
(8 week course)



Indian Institute of Technology Guwahati



Roll No: NPTEL19ME32S31480165

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



Roll No:NPTEL18GE15S11420172

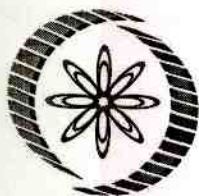
To

AJAY KUMAR SHARMA
30, SAKET NAGAR
NEW SANGANER ROAD
SODALA
JAIPUR
RAJASTHAN
302019
PH. NO :8829019281



Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:1



Elite

NPTEL Online Certification

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



This certificate is awarded to

AJAY KUMAR SHARMA

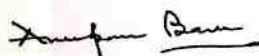
for successfully completing the course

Outcome based pedagogic principles

for Effective Teaching

with a consolidated score of **69 %**

Online Assignments	16.08/25	Proctored Exam	52.5/75
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Prof. Anupam Basu
NPTEL Coordinator
IIT Kharagpur

Total number of candidates certified in this course: 966



Prof. Adrijit Goswami
Dean
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL18GE15S11420172

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

Centre for Continuing Education

Indian Institute of Technology Kanpur



This is to certify that

AJAY KUMAR SHARMA

has participated in the course

Basics of Special Theory of Relativity

(18 Dec 2018 to 8 Mar 2019)

and

the performance was Satisfactory/Good/Excellent/Outstanding

Prof. Jayant K. Singh
Head, Centre for Continuing Education
IIT Kanpur

Prof. H. C. Verma (Retd.)
Department of Physics
IIT Kanpur



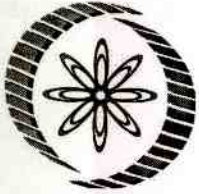
Roll No: NPTEL19GE11S51480145

To
AJAY KUMAR SHARMA
30, SAKET NAGAR
NEW SANGANER ROAD
SODALA, JAIPUR, RAJASTHAN
JAIPUR
RAJASTHAN
302019
PH. NO :8829019281



Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:3



NPTEL Online Certification

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

This certificate is awarded to

AJAY KUMAR SHARMA

for successfully completing the course

Non-Conventional Energy Resources

with a consolidated score of **81** %

Online Assignments	25.00/25	Proctored Exam	55.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 2153

A. Ramesh

Prof. A. Ramesh
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019
(12 week course)

Prof. Andrew Thangara
Prof. Andrew Thangara
NPTEL Coordinator
IIT Madras

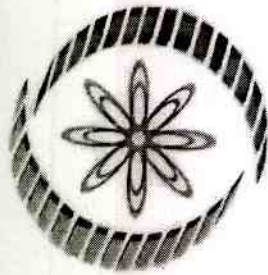


Indian Institute of Technology Madras



Roll No: NPTEL19GE11S51480145

To validate and check scores: <http://npTEL.ac.in/noc>



Elite

NPTEL Online Certification

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



This certificate is awarded to

ANJANA SANGWAN

for successfully completing the course

Cloud Computing

with a consolidated score of 69 %

Online Assignments	20.04/25	Proctored Exam	48.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 1882


Prof. Anupam Basu
NPTEL Coordinator
IIT Kharagpur

Aug-Sep 2018
(8 week course)

A. Goswami

Prof. Adrijit Goswami
Dean

Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL18CS44S21370141

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



Roll No: NPTEL18EE40S21410232

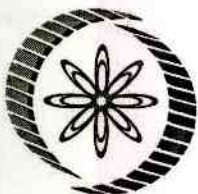
To

ANKIT AGARWAL
116, G-1, PARK VIEW APARTMENT
VINAYAK ENCLAVE SOCIETY
NEAR BUTTERCUP APARTMENT
JAGATPURA
JAIPUR
RAJASTHAN
302017
PH. NO :7877556914



Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:3



Elite

NPTEL Online Certification

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



This certificate is awarded to

ANKIT AGARWAL

for successfully completing the course

Digital Image Processing

with a consolidated score of **75 %**

Online Assignments	22.47/25	Proctored Exam	52.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **1031**

Prof. Anupam Basu
NPTEL Coordinator
IIT Kharagpur

Jul-Oct 2018
(12 week course)

Prof. Adrijit Goswami
Dean
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL18EE40S21410232

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



Roll No:NPTEL18EE33S11420414

To

ANKIT AGARWAL
116, G-1, PARK VIEW APARTMENT
VINAYAK ENCLAVE SOCIETY
NEAR BUTTERCUP APARTMENT
JAGATPURA
JAIPUR
RAJASTHAN
302017
PH. NO :7877556914



Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:3

Elite

NPTEL Online Certification

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



This certificate is awarded to

ANKIT AGARWAL

for successfully completing the course

Digital Circuits

with a consolidated score of **83 %**

Online Assignments	23.28/25	Proctored Exam	60/75
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Prof. Anupam Basu
NPTEL Coordinator
IIT Kharagpur

Total number of candidates certified in this course: **4707**

Jul-Oct 2018
(12 week course)



Prof. Adrijit Goswami
Dean
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL18EE33S11420414

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

Roll No: NPTEL19HS08561480198

To
ANUPRIYA SINGH
B-75, RAMAN MARG, TILAK NAGAR
RAJASTHAN
302004
PH. NO :9883075000



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



Elite

NPTEL Online Certification

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



This certificate is awarded to

ANUPRIYA SINGH

for successfully completing the course

Postmodernism in Literature

with a consolidated score of 73 %

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

Total number of candidates certified in this course: 56

A. Ramesh

Prof. A. Ramesh
Chairman

Centre for Continuing Education, IITM

Feb-Apr 2019
(8 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

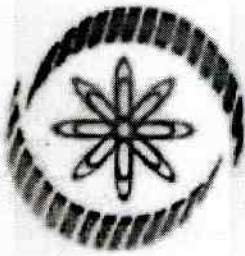


Indian Institute of Technology Madras



Roll No: NPTEL19HS08561480198

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



NPTEL Online Certification

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



This certificate is awarded to

DR. ARCHANA SAXENA

for successfully completing the course

Teaching And Learning in Engineering (TALE)

with a consolidated score of 57 %

Online Assignments	18.33/25	Proctored Exam	38.25/75
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Total number of candidates certified in this course: 1584

Prof. G. L. Sivakumar Babu
Chairman, Center for Continuing Education
IISc Bangalore

Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore

Feb-Mar 2019
(4 week course)

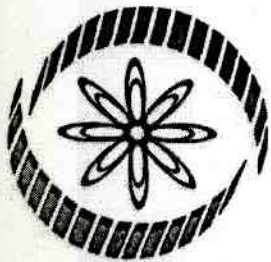


Indian Institute of Science Bangalore



Roll No NPTEL19GE0211490136

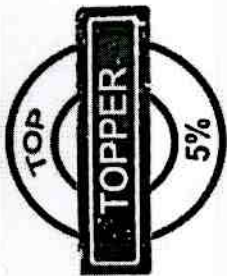
To validate and check scores: <http://npTEL.iisc.ernet.in>



Elite

NPTEL Online Certification

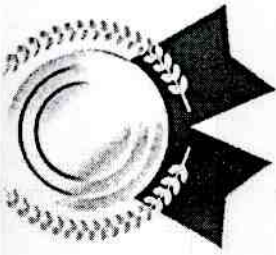
(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

ARUN BENIWAL

for successfully completing the course



Steam and Gas Power Systems

with a consolidated score of 79 %

Online Assignments	23.79/25	Proctored Exam	55.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 347

B. K. Gandhi

Prof. B. K. Gandhi
Coordinator, Continuing Education Centre
NPTEL Coordinator, IIT Roorkee

Feb-Apr 2019
(8 week course)

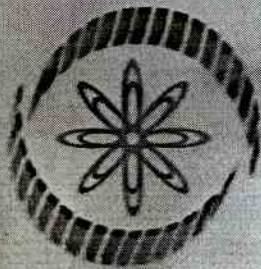


Indian Institute of Technology Roorkee



Roll No: NPTEL19ME09S61480074

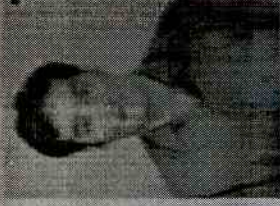
To validate and check scores: <http://lnetel.ac.in/nc>



Elite

NPTEL Online Certification

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



This certificate is awarded to

DR. ATUL GUPTA

for successfully completing the course

Marketing Management-I

with a consolidated score of 66 %

Online Assignments	22.08/25	Proctored Exam	43.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **1530**

T V Prabhakar
Prof. T. V. Prabhakar
Chairman
Center for Continuing Education, IITK

Aug-Sep 2018
(8 week course)

Satyaki Roy

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL 18MG30511370017

To validate and check scores: <http://nptel.ac.in/nec>



Roll No:NPTEL18PH07S21370102

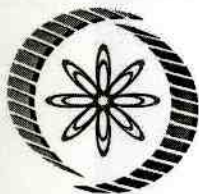
To

BRAJRAJ SHARMA
10/16, SECTOR-1, PRATAP NAGAR HOUSING
BOARD,
SANGANER
JAIPUR
RAJASTHAN
302033
PH. NO :9929731211



No. of credits recommended by NPTEL:2

Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate



NPTEL Online Certification

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



This certificate is awarded to

BRAJRAJ SHARMA

for successfully completing the course

Introduction to Electromagnetic Theory

with a consolidated score of **54 %**

Online Assignments	24.17/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **93**

T V Prabhakar

Prof. T. V. Prabhakar
Chairman
Center for Continuing Education, IITK

Aug-Sep 2018
(8 week course)

Satyaki Roy

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL18PH07S21370102

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

Centre for Continuing Education
Indian Institute of Technology Kanpur



This is to certify that

BRAJ RAJ SHARMA

has participated in the course

Basics of Special Theory of Relativity

(18 Dec 2018 to 8 Mar 2019)

and

the performance was Satisfactory/Good/Excellent/Outstanding

Prof. Jayant K. Singh
Head, Centre for Continuing Education
IIT Kanpur

Prof. H. C. Verma (Retd.)
Department of Physics
IIT Kanpur

Verify at outreach.iitk.ac.in/v/5c08ec3cbc8ce6253e14774e



Roll No: NPTEL19GE11S51480305

To

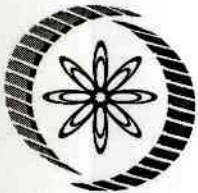
BRAJ RAJ SHARMA
10/16, SECTOR-1, PRATAP NAGAR HOUSING
BOARD, SANGANER,
JAIPUR
RAJASTHAN
302033
PH. NO :9929731211



Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:3

Elite



NPTEL Online Certification

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



This certificate is awarded to
BRAJ RAJ SHARMA
for successfully completing the course

Non-Conventional Energy Resources

with a consolidated score of **78** %

Online Assignments	25.00/25	Proctored Exam	53.25/75
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Total number of candidates certified in this course: 2153

A. Ramesh

Prof. A. Ramesh
Chairman
Centre for Continuing Education, IITM

Jan-Apr 2019
(12 week course)

Prof. Andrew Thangara

Prof. Andrew Thangara
NPTEL Coordinator
IIT Madras

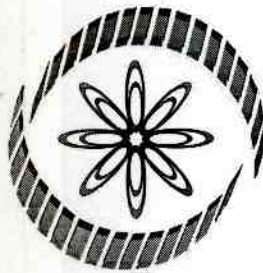


Indian Institute of Technology Madras



Roll No: NPTEL19GE11S51480305

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



Elite

NPTEL Online Certification

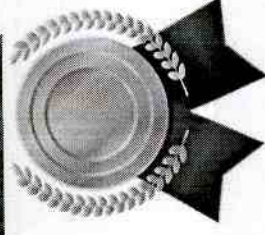
(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

BRIJ MOHAN SHARMA

for successfully completing the course



Principles of Casting Technology

with a consolidated score of 100 %

Online Assignments	24.58/25	Proctored Exam	75/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 631

Prof. B. K. Gandhi

Prof. B. K. Gandhi
Coordinator, Continuing Education Centre
NPTEL Coordinator, IIT Roorkee

Jan-Mar 2019
(8 week course)



Indian Institute of Technology Roorkee



Roll No: NPTEL19ME18S21380197

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



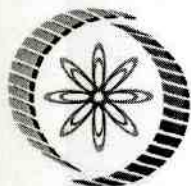
Roll No: NPTEL19ME10S41480257

To
CHANDAN KUMAR
261/513 SECTOR 26 PRATAP NAGAR
SANGANER
JAIPUR
RAJASTHAN
302033
PH. NO :9460481589



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

No. of credits recommended by NPTEL:3



Elite

NPTEL Online Certification

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



This certificate is awarded to
CHANDAN KUMAR
for successfully completing the course

IC Engines and Gas Turbines

with a consolidated score of **72** %

Online Assignments	22.78/25	Proctored Exam	49.5/75
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Total number of candidates certified in this course: 1557

Prof. Sunil Khijwania
Head, Center for Educational Technology
NPTEL Coordinator, IIT Guwahati

Jan-Apr 2019
(12 week course)



Indian Institute of Technology Guwahati



Roll No: NPTEL19MA01S31480223

To
DEEPIKA JAIN
25-GANESH VIHAR B, RAIL NAGAR, NIRMAL
NAGAR, 302019
JAIPUR
RAJASTHAN
302019
PH. NO :8094584015



No. of credits recommended by NPTEL:3

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate



NPTEL Online Certification

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

This certificate is awarded to

DEEPIKA JAIN

for successfully completing the course

Engineering Mathematics - I

with a consolidated score of **83 %**

Online Assignments	20.25/25	Proctored Exam	63/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 344



Jan-Apr 2019
(12 week course)

A. Goswami
Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur



Indian Institute of Technology Kharagpur

Roll No: NPTEL19MA01S31480223



To validate and check scores: <http://npTEL.ac.in/hoc>



Roll No: NPTEL19ME20S51480137

To

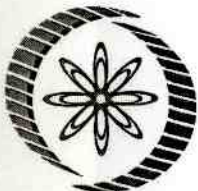
DHEERAJ JOSHI
A-17/F-2, SHIV-SHAKTI NAGAR, MODEL TOWN,
JAGATPURA ROAD
JAIPUR
RAJASTHAN
302017
PH. NO :9460355422



Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:3

Elite



NPTEL Online Certification

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



This certificate is awarded to

DHEERAJ JOSHI

for successfully completing the course

Manufacturing Process Technology

with a consolidated score of **86** %

Online Assignments	23.38/25	Proctored Exam	63/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 1475

T V Prabhakar

Prof. T. V. Prabhakar
Chairman
Centre for Continuing Education, IITK

Jan-Apr 2019
(12 week course)

Satyaki Roy

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL19ME20S51480137

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



Roll No: NPTEL19EE30S41480107

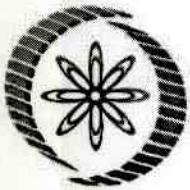
To

GAURAV KANSAL
DEPARTMENT OF ELECTRICAL ENGINEERING,
SKIT M & G, RAMNAGARIA, JAGATPURA,
JAIPUR
RAJASTHAN
302017
PH. NO :8290163035

Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully completed the course
< 40	No Certificate



No. of credits recommended by NPTEL:3



NPTEL Online Certification

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



This certificate is awarded to

GAURAV KANSAL

for successfully completing the course

Control Engineering

with a consolidated score of **53** %

Online Assignments	20.38/25	Proctored Exam	33/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 856

Prof. A. Ramesh
Chairman
Centre for Continuing Education, IITM

Jan-Apr 2019
(12 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19EE30S41480107

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

Roll No: NPTEL19CS35S51480139

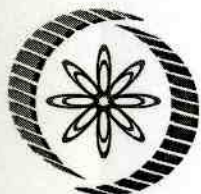
To
GIRISH SHARMA
49 B SHAKTI NAGAR GAJSINGHPURA, NEAR
TEJAJI TEMPLE
AJMER ROAD,
JAIPUR
RAJASTHAN
302024
PH. NO :9785445554



Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully completed the course
< 40	No Certificate

No. of Credits recommended by NPTEL : 2

Elite



NPTEL Online Certification

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



This certificate is awarded to

GIRISH SHARMA

for successfully completing the course

MACHINE LEARNING, ML

with a consolidated score of **76** %

Online Assignments	23.6/25	Proctored Exam	52.5/75
--------------------	---------	----------------	---------

Total number of candidates certified in this course: **1287**

A. Ramesh

Prof. A. Ramesh
Chairman

Centre for Continuing Education, IITM

Feb-Apr 2019
(8 week course)

Prof. Andrew Thangara

Prof. Andrew Thangara
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras

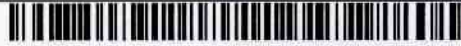


MIELES



Roll No: NPTEL19CS35S51480139

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



Roll No: NPTEL19EE11S41480363

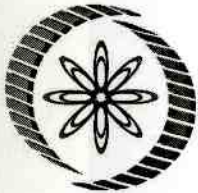
To

GLORIA JOSEPH
4/165-D
MALVIYANAGAR JAIPUR
JAIPUR
RAJASTHAN
302017
PH. NO :8302111335



Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:3



NPTEL Online Certification

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



This certificate is awarded to

GLORIA JOSEPH

for successfully completing the course

Microprocessors and Microcontrollers

with a consolidated score of **41** %

Online Assignments	0/25	Proctored Exam	40.5/75
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Total number of candidates certified in this course: 1727

Jan-Apr 2019
(12 week course)

A. Goswami

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19EE11S41480363

To validate and check scores: <http://npTEL.ac.in/noc>



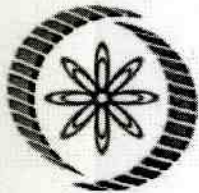
Roll No: NPTEL19EE19S51480103

To
HARSHAL NIGAM
FLAT NO 206 NANAK APARTMENT
ARYA SAMAJ ROAD KOTA-JN.
KOTA
RAJASTHAN
324002
PH. NO :9460005284



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

No. of credits recommended by NPTEL:3



Elite NPTEL Online Certification

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



This certificate is awarded to
HARSHAL NIGAM
for successfully completing the course



Antennas

with a consolidated score of **79** %

Online Assignments	20.94/25	Proctored Exam	57.75/75
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Total number of candidates certified in this course: 511

Prof. Sridhar Iyer
Head CDEEP & NPTEL Coordinator
IIT Bombay

Jan-Apr 2019
(12 week course)



Indian Institute of Technology Bombay



Roll No: NPTEL19EE19S51480103

To validate and check scores: <http://npTEL.ac.in/noc>



Roll No:NPTEL18EE22S11420140

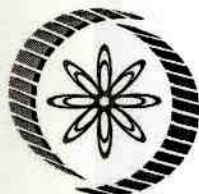
To

HARSHAL NIGAM
FLAT NO 206 NANAK APARTMENT ARYA SAMAJ
ROAD KOTA JN.
KOTA
KOTA
RAJASTHAN
324002
PH. NO :9460005284



Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:3



Elite

NPTEL Online Certification

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



This certificate is awarded to

HARSHAL NIGAM

for successfully completing the course

Microwave Theory and Techniques

with a consolidated score of **82 %**

Online Assignments	20.25/25	Proctored Exam	61.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 251

Sridhar

Prof. Sridhar Iyer
Head CDEEP & NPTEL Coordinator
IIT Bombay

Jul-Oct 2018
(12 week course)



Indian Institute of Technology Bombay



Roll No: NPTEL18EE22S11420140

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



Roll No:NPTEL18CS36S11370084

To

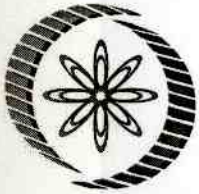
KAJAL MATHUR
197 MAHAVEER NAGAR-I
TONK ROAD
JAIPUR
RAJASTHAN
302018
PH. NO :9461400822



Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:2

Elite



NPTEL Online Certification

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



This certificate is awarded to

KAJAL MATHUR

for successfully completing the course

Data Base Management Systems

with a consolidated score of **77 %**

Online Assignments	21.25/25	Proctored Exam	55.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **3734**

Prof. Anupam Basu
NPTEL Coordinator
IIT Kharagpur

Aug-Sep 2018
(8 week course)

Prof. Adrijit Goswami
Dean
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL18CS36S11370084

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



Roll No: NPTEL19CS15S41480183

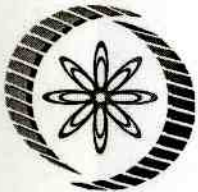
To
KAJAL MATHUR
197 MAHAVEER NAGAR-I
TONK ROAD
JAIPUR
RAJASTHAN
302018
PH. NO :9461400822



Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:2

Elite



NPTEL Online Certification

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



This certificate is awarded to

KAJAL MATHUR

for successfully completing the course

Data Mining

with a consolidated score of **68** %

Online Assignments	22.92/25	Proctored Exam	45.32/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 1345

Feb-Apr 2019
(8 week course)

A. Goswami

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CS15S41480183

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



Roll No:NPTEL18EE33S21410325

To

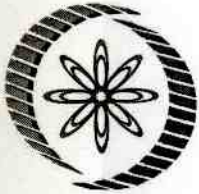
KAVITA JAIN
A-19 RAMNAGARIYA,JAGATPURA
JAIPUR
RAJASTHAN
302017
PH. NO :9461011668



Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:3

Elite



NPTEL Online Certification

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



This certificate is awarded to

KAVITA JAIN

for successfully completing the course

Digital Circuits

with a consolidated score of **71 %**

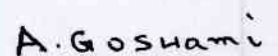
Online Assignments	21.94/25	Proctored Exam	49.5/75
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Prof. Anupam Basu
NPTEL Coordinator
IIT Kharagpur

Total number of candidates certified in this course: **4707**

Jul-Oct 2018
(12 week course)



Prof. Adrijit Goswami
Dean
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL18EE33S21410325

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



Roll No: NPTEL18EE33S11420418

To

KIRAN RATHI
S.K.I.T., JAGATPURA
JAIPUR
RAJASTHAN
302017
PH. NO : 8058555540



Score	Type of Certificate
>=90	Elite + Gold Medal
60-80	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL: 3



NPTEL Online Certification

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



This certificate is awarded to

KIRAN RATHI

for successfully completing the course

Digital Circuits

with a consolidated score of **54 %**

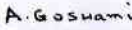
Online Assignments	18.22/25	Proctored Exam	36/75
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Prof. Anupam Basu
NPTEL Coordinator
IIT Kharagpur

Total number of candidates certified in this course: **4707**

Jul-Oct 2018
(12 week course)



Prof. Adrijit Goswami
Dean
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL18EE33S11420418

To validate and check scores: <http://npTEL.ac.in/noc>



Roll No: NPTEL19PH05S21380042

To

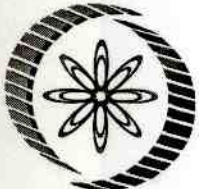
KOMAL SHARMA
114, LANE NO.1, NEMI NAGAR EXTENSION
VAISHALI NAGAR
JAIPUR
RAJASTHAN
302021
PH. NO :9414284046



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2

Elite



NPTEL Online Certification

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



This certificate is awarded to
KOMAL SHARMA
for successfully completing the course

Fiber Optics

with a consolidated score of **79** %

Online Assignments	25.00/25	Proctored Exam	54/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 177

B. K. Gandhi

Prof. B. K. Gandhi
Coordinator, Continuing Education Centre
NPTEL Coordinator, IIT Roorkee

Jan-Mar 2019
(8 week course)



Indian Institute of Technology Roorkee



Roll No: NPTEL19PH05S21380042

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



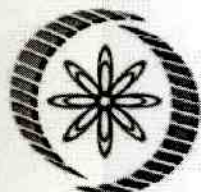
Roll No: NPTEL19EE09S41480232

To
LALIT KUMAR LATA
51/59 SECTOR 15
MALVIYA NAGAR
JAIPUR
RAJASTHAN
302017
PH. NO :9982463217



Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:3



NPTEL Online Certification

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



This certificate is awarded to

LALIT KUMAR LATA

for successfully completing the course

Digital Electronic Circuits

with a consolidated score of **40** %

Online Assignments	2.5/25	Proctored Exam	37.5/75
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Total number of candidates certified in this course: 922

Jan-Apr 2019
(12 week course)

A. Goswami
Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19EE09S41480232

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



Roll No: NPTEL19GE11S51480291

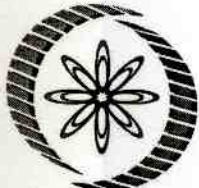
To
MANASVI DIXIT
206, KUSHAL NAGAR, SANGANER
JAIPUR
RAJASTHAN
302029
PH. NO :9783882707



Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:3

Elite



NPTEL Online Certification

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

This certificate is awarded to

MANASVI DIXIT

for successfully completing the course



Non-Conventional Energy Resources

with a consolidated score of **86** %

Online Assignments	25.00/25	Proctored Exam	61.13/75
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Total number of candidates certified in this course: 2153

A. Ramesh

Prof. A. Ramesh
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019
(12 week course)

Prof. Andrew Thangara

Prof. Andrew Thangara
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19GE11S51480291

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



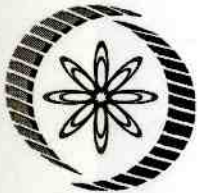
Roll No: NPTEL19EE11S31480179

To
MANJU CHOUDHARY
C-119, 80 FEET ROAD, MAHESH NAGAR
JAIPUR
RAJASTHAN
302015
PH. NO :9694724109



Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:3



Elite

NPTEL Online Certification

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



This certificate is awarded to

MANJU CHOUDHARY

for successfully completing the course



Microprocessors and Microcontrollers

with a consolidated score of **79** %

Online Assignments	22.47/25	Proctored Exam	57/75
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Total number of candidates certified in this course: 1727

Jan-Apr 2019
(12 week course)

A. Goswami
Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur

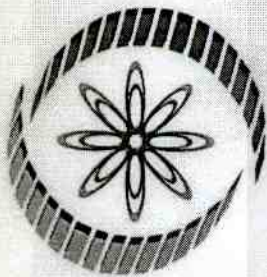


Indian Institute of Technology Kharagpur



Roll No: NPTEL19EE11S31480179

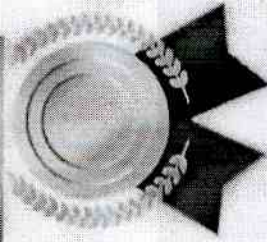
To validate and check scores: <http://npTEL.ac.in/noc>



Elite

NPTEL Online Certification

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



This certificate is awarded to

MANOJ KUMAR SAIN

for successfully completing the course

Inspection and Quality Control in Manufacturing

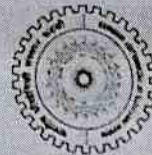
with a consolidated score of **75** %

Online Assignments	23.92/25	Proctored Exam	51/75
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Total number of candidates certified in this course: **1450**

Prof. B. K. Gandhi
Coordinator, Continuing Education Centre
NPTEL Coordinator, IIT Roorkee

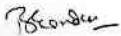
Feb-Mar 2019
(4 week course)



Indian Institute of Technology Roorkee



 Roll No: NPTEL18ME46S21370129											
To MANOJ KUMAR H-16 (H-BLOCK) GODAWARI APARTMENT PRATAP NAGAR JAIPUR PRATAP NAGAR JAIPUR RAJASTHAN 302023 PH. NO : 8053052391											
	<table border="1"> <thead> <tr> <th>Score</th> <th>Type of Certificate</th> </tr> </thead> <tbody> <tr> <td>>=90</td> <td>Elite + Gold Medal</td> </tr> <tr> <td>60-89</td> <td>Elite</td> </tr> <tr> <td>40-59</td> <td>Successfully Completed the course</td> </tr> <tr> <td><40</td> <td>No Certificate</td> </tr> </tbody> </table>	Score	Type of Certificate	>=90	Elite + Gold Medal	60-89	Elite	40-59	Successfully Completed the course	<40	No Certificate
	Score	Type of Certificate									
	>=90	Elite + Gold Medal									
	60-89	Elite									
40-59	Successfully Completed the course										
<40	No Certificate										
No. of credits recommended by NPTEL: 2											

	Elite NPTEL Online Certification (Funded by the Ministry of HRD, Govt. of India)						
	This certificate is awarded to MANOJ KUMAR for successfully completing the course Refrigeration And Air-Conditioning with a consolidated score of 68 %						
<table border="1"> <tr> <td>Online Assignments</td> <td>14.42/25</td> <td>Proctored Exam</td> <td>54/75</td> </tr> </table>		Online Assignments	14.42/25	Proctored Exam	54/75	Total number of candidates certified in this course: 672	
Online Assignments	14.42/25	Proctored Exam	54/75				
 Prof. B. K. Gandhi Coordinator, Continuing Education Center NPTEL Coordinator, IIT Roorkee		Aug-Sep 2018 (8 week course)					
 Indian Institute of Technology Roorkee							
Roll No: NPTEL18ME46S21370129		To validate and check scores: http://nptel.ac.in/noc					



Roll No:NPTEL18EE33S11420428

To

MONIKA MATHUR
PLOT NO. 290, G-1, SHRIGOPAL NAGAR,
GOPALPURA BYPASS
JAIPUR
RAJASTHAN
302019
PH. NO :9460265776



Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:3



Elite

NPTEL Online Certification

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



This certificate is awarded to

MONIKA MATHUR

for successfully completing the course

Digital Circuits

with a consolidated score of **67 %**

Online Assignments	22.44/25	Proctored Exam	45/75
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Total number of candidates certified in this course: **4707**

Prof. Anupam Basu
NPTEL Coordinator
IIT Kharagpur

Jul-Oct 2018
(12 week course)

Prof. Adrijit Goswami
Dean
Continuing Education, IIT Kharagpur

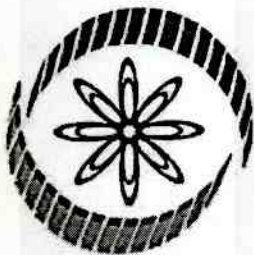


Indian Institute of Technology Kharagpur



Roll No: NPTEL18EE33S11420428

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



NPTEL Online Certification

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



This certificate is awarded to

NAMRATA JOSHI

for successfully completing the course

Control Engineering

with a consolidated score of 49 %

Online Assignments	14.47/25	Proctored Exam	34.88/75
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Total number of candidates certified in this course: 856

A. Ramesh

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019

(12 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19EE30S41480305

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

Elite

NPTEL Online Certification

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

This certificate is awarded to

NEERAJ GARG

for successfully completing the course

Data Base Management System

with a consolidated score of 78 %

Online Assignments	22.63/25	Proctored Exam	55.5/75
--------------------	----------	----------------	---------

Total number of candidate registered in this course: 4749

Feb-Apr 2019
(8 week course)

A. Goswami

Prof. Aditya Goswami

Dean, Continuing Education & NPTEL Programme
IIT Kanpur

NPTEL Online Certification

NPTEL Online Certification



Roll No:NPTEL18EE33S11420424

To

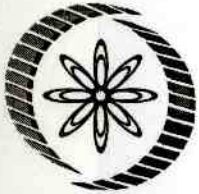
NEERAJ JAIN
157, II FLOOR, SHANTI NAGAR
JAIPUR
RAJASTHAN
302018
PH. NO :9468666815



Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:3

Elite



NPTEL Online Certification

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



This certificate is awarded to

NEERAJ JAIN

for successfully completing the course

Digital Circuits

with a consolidated score of **84 %**

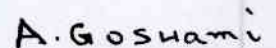
Online Assignments	23.50/25	Proctored Exam	60/75
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Total number of candidates certified in this course: **4707**



Prof. Anupam Basu
NPTEL Coordinator
IIT Kharagpur

Jul-Oct 2018
(12 week course)



Prof. Adrijit Goswami
Dean
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL18EE33S11420424

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



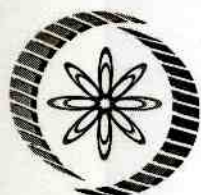
Roll No: NPTEL19CS12S31480099

To
NEHA MATHUR
7/397,
MALVIYA NAGAR, JAIPUR-302017
JAIPUR
RAJASTHAN
302017
PH. NO :9460553722



Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:2



Elite

NPTEL Online Certification

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



This certificate is awarded to

NEHA MATHUR

for successfully completing the course

Data Base Management System

with a consolidated score of **69** %

Online Assignments	18.46/25	Proctored Exam	51/75
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Total number of candidates certified in this course: **4749**

Feb-Apr 2019
(8 week course)

A. Goswami
Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CS12S31480099

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



Roll No: NPTEL18HS27S11370195

To

NEHA PUROHIT
H-006 MAHIMA PANORAMA MAHAL ROAD
JAGATPURA
JAIPUR
RAJASTHAN
302017
PH. NO :9549077755



Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate

No. of credits recommended by NPTEL: 2

Elite

NPTEL Online Certification

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



This certificate is awarded to

NEHA PUROHIT

for successfully completing the course

Technical English for Engineers

with a consolidated score of **93 %**

Online Assignments	25.00/25	Proctored Exam	67.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **1874**

A. Ramesh

Prof. A. Ramesh
Chairman

Center for Continuing Education, IITM

Aug-Sep 2018
(8 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL18HS27S11370195

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



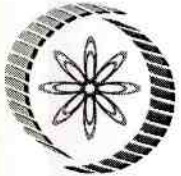
Roll No: NPTEL19HS08S61480140

To
DR. NIDHI SHARMA
116, MILAP NAGAR
JAIPUR
RAJASTHAN
302018
PH. NO :9928592296



Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:2



TOPPER

Elite

NPTEL Online Certification

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

This certificate is awarded to

DR. NIDHI SHARMA

for successfully completing the course

Postmodernism in Literature

with a consolidated score of **75** %

Online Assignments	22.83/25	Proctored Exam	52.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 56

A. Ramesh

Prof. A. Ramesh
Chairman
Centre for Continuing Education, IITM

Feb-Apr 2019
(8 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS08S61480140

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



Roll No:NPTEL18CS36S11370003

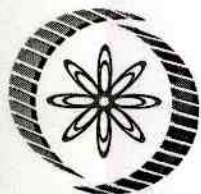
To

NIDHI SRIVASTAV
E-801 MEWAR APARTMENT PRATAP NAGAR
JAIPUR-302033
JAIPUR
RAJASTHAN
302033
PH. NO :9981381882



No. of credits recommended by NPTEL:2

Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate



Elite

NPTEL Online Certification

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



This certificate is awarded to

NIDHI SRIVASTAV

for successfully completing the course

Data Base Management Systems

with a consolidated score of **82 %**

Online Assignments	23.71/25	Proctored Exam	58.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **3734**

Prof. Anupam Basu
NPTEL Coordinator
IIT Kharagpur

Aug-Sep 2018
(8 week course)

Prof. Adrijit Goswami
Dean
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL18CS36S11370003

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



Roll No:NPTEL18CS40S11420225

To

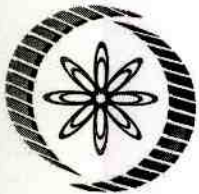
NIDHI SRIVASTAV
E-801 MEWAR APARTMENT PRATAP NAGAR
JAIPUR-302033
JAIPUR
RAJASTHAN
302033
PH. NO :9981381882



Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:2

Elite



NPTEL Online Certification

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



This certificate is awarded to

NIDHI SRIVASTAV

for successfully completing the course

Introduction to Machine Learning

with a consolidated score of **76 %**

Online Assignments	22.50/25	Proctored Exam	53/75
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Prof. Anupam Basu
NPTEL Coordinator
IIT Kharagpur

Total number of candidates certified in this course: **3147**

Aug-Oct 2018
(8 week course)

Prof. Adrijit Goswami
Dean
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL18CS40S11420225

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



Roll No: NPTEL19MA15S31480302

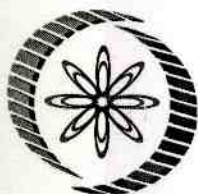
To
NIDHI SRIVASTAV
E-801 MEWAR APARTMENT PRATAP NAGAR
JAIPUR-302033
JAIPUR
RAJASTHAN
302033
PH. NO :9981381882



Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:3

Elite



NPTEL Online Certification

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

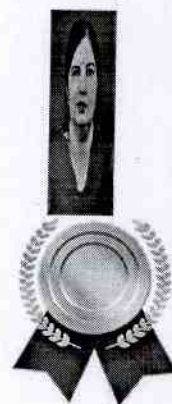
This certificate is awarded to
NIDHI SRIVASTAV
for successfully completing the course

Introduction to Automata, Languages and Computation

with a consolidated score of **82** %

Online Assignments	23.09/25	Proctored Exam	59.04/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 850



Jan-Apr 2019
(12 week course)

A. Goswami
Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MA15S31480302

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



Roll No: NPTEL19CS35S51480299

To

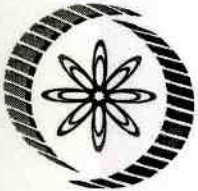
NIKETA SHARMA
PLOT NO A-42, F2, SHRI RADHEY KRISHNA
RESIDENCY, CHANDRAVATIKA
VAISHALI NAGAR
JAIPUR
RAJASTHAN
302034
PH. NO :7014128907

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate



No. of Credits recommended by NPTEL : 2

Elite



NPTEL Online Certification

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



This certificate is awarded to

NIKETA SHARMA

for successfully completing the course

MACHINE LEARNING, ML

with a consolidated score of **66** %

Online Assignments	22.81/25	Proctored Exam	43.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **1287**

A. Ramesh

Prof. A. Ramesh
Chairman

Centre for Continuing Education, IITM

Feb-Apr 2019
(8 week course)

Prof. Andrew Thangara

Prof. Andrew Thangara
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



MIELES



Roll No: NPTEL19CS35S51480299

To validate and check scores: <http://npTEL.ac.in/noc>



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



NISHANT SACHDEVA

for successfully completing the course

Soil Mechanics / Geotechnical Engineering I

with a consolidated score of **61 %**

Online Assignments	22.09/25	Proctored Exam	39/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 988

Jan-Apr 2019
(12 week course)

A. GOSWAMI

Prof. Aditya Goswami

Deen, Continuing Education & NPTEL Coordinator
IIT Kharagpur

Indian Institute of Technology Kharagpur



Elite

NPTEL Online Certification

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



This certificate is awarded to

NITIN GOYAL

for successfully completing the course

Introduction to Fluid Mechanics

with a consolidated score of **66** %

Online Assignments	18.19/25	Proctored Exam	48/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 332

Jan-Apr 2019
(12 week course)

A. Goswami

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19ME15S51480317

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



Roll No:NPTEL18HS30S21410341

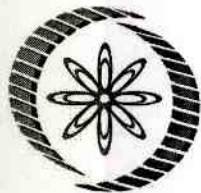
To

NITIN GOYAL
239, BARKAT COLONY DADU MARG TONK PHATAK
JAIPUR
RAJASTHAN
302015
PH. NO :9024578382



Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:2



Elite

NPTEL Online Certification

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



This certificate is awarded to

NITIN GOYAL

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of **69 %**

Online Assignments	20.67/25	Proctored Exam	48.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **12219**

T V Prabhakar

Prof. T. V. Prabhakar
Chairman
Center for Continuing Education, IITK

Satyaki Roy

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL18HS30S21410341

To validate and check scores: <http://npTEL.ac.in/noc>



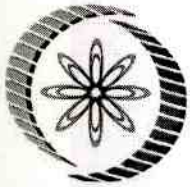
Roll No: NPTEL19GE04S31480275

To
DR. OM JI SHUKLA
632-C BLOCK, SHYAM NAGAR,
KANPUR
KANPUR NAGAR
UTTAR PRADESH
208013
PH. NO :8947938722



Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:1



Elite

NPTEL Online Certification

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



This certificate is awarded to

DR. OM JI SHUKLA

for successfully completing the course

Teaching And Learning in Engineering (TALE)

with a consolidated score of **69** %

Online Assignments	20.17/25	Proctored Exam	48.75/75
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Total number of candidates certified in this course: 1584

Prof. G. L. Sivakumar Babu
Chairman, Center for Continuing Education
IISc Bangalore

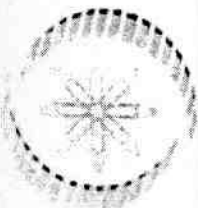
Feb-Mar 2019
(4 week course)

Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore



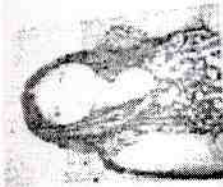
Indian Institute of Science Bangalore





NPTEL Online Certification

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



This certificate is awarded to

ONA LADIWAL

for successfully completing the course

Stress Management

with a consolidated score of 73 %

Online Assignments	21.67/25	Proctored Exam	51/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **1082**

Prof. Anupam Basu
NPTEL Coordinator
IIT Kharagpur

Aug-Sep 2018
(4 week course)

Prof. Adrijit Goswami
Dean

Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No. NPTEL-UG-GEN08511270189

To validate and check scores: <http://npTEL.ac/validate>



Roll No: NPTEL19CS12S41480366

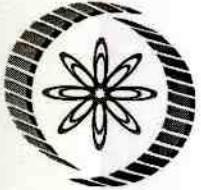
To
PALIKA JAJOO
S-2, 25-A DIAMOND COLONY, NEAR SARASWATI
NAGAR
BEHIND GOLD SOUK MALL, JAWAHAR CIRCL
JAIPUR
RAJASTHAN
302017
PH. NO : 9414499507



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

No. of credits recommended by NPTEL: 2

Elite



NPTEL Online Certification

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

This certificate is awarded to

PALIKA JAJOO

for successfully completing the course



Data Base Management System

with a consolidated score of **89** %

Online Assignments	22.58/25	Proctored Exam	66/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 4749

Feb-Apr 2019
(8 week course)

A. Goswami
Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CS12S41480366

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



Roll No: NPTEL19CS09S51480394

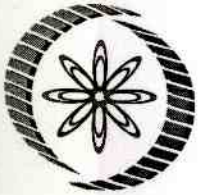
To
PALIKA JAJOO
S-2, 25-A DIAMOND COLONY, NEAR SARASWATI
NAGAR
BEHIND GOLD SOUK MALL, JAWAHAR CIRCL
JAIPUR
RAJASTHAN
302017
PH. NO : 9414499507



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

No. of credits recommended by NPTEL:3

Elite



NPTEL Online Certification

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



This certificate is awarded to

PALIKA JAJOO

for successfully completing the course

Joy of Computing Using Python

with a consolidated score of **85 %**

Online Assignments	24.94/25	Proctored Exam	60/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 9034

A. Ramesh

Prof. A. Ramesh
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019
(12 week course)

Thangara

Prof. Andrew Thangara
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS09S51480394

To validate and check scores: <http://npTEL.ac.in/noc>



Roll No: NPTEL18CS46S11420307

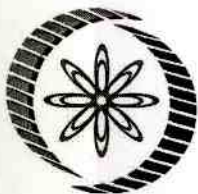
To

PALLAV RAWAL
76/181, SECTOR 7, PRATAPNAGAR
SANGANER
JAIPUR
RAJASTHAN
302033
PH. NO :9887487953



Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:3



Elite

NPTEL Online Certification

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



This certificate is awarded to

PALLAV RAWAL

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **76 %**

Online Assignments	23.44/25	Proctored Exam	52.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **3617**

Prof. Anupam Basu
NPTEL Coordinator
IIT Kharagpur

Jul-Oct 2018
(12 week course)

A. Goswami
Prof. Adrijit Goswami
Dean
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL18CS46S11420307

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

Centre for Continuing Education

Indian Institute of Technology Kanpur



This is to certify that

PAWAN KUMAR JAIN

has participated in the course

Basics of Special Theory of Relativity

(18 Dec 2018 to 8 Mar 2019)

and

the performance was Satisfactory/Good/Excellent/Outstanding

Prof. Jayant K. Singh
Head, Centre for Continuing Education
IIT Kanpur

Prof. H. C. Verma (Retd.)
Department of Physics
IIT Kanpur



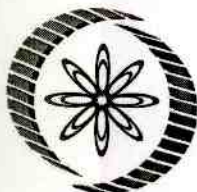
Roll No: NPTEL19GE11S51480242

To
PAWAN KUMAR JAIN
FLAT F1, P.NO.16
RADHA NIKUNJ-C, KHEJRO KA BASS
NEAR ISCKON TEMPLE, MANSAROVAR
JAIPUR
RAJASTHAN
302020
PH. NO :9828801324



Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:3



Elite

NPTEL Online Certification

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



This certificate is awarded to

PAWAN KUMAR JAIN

for successfully completing the course



Non-Conventional Energy Resources

with a consolidated score of **84 %**

Online Assignments	25.00/25	Proctored Exam	59.25/75
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Total number of candidates certified in this course: 2153

A. Ramesh

Prof. A. Ramesh
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019
(12 week course)

Prof. Andrew Thangara

Prof. Andrew Thangara
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19GE11S51480242

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



Roll No: NPTEL19EE19S61480046

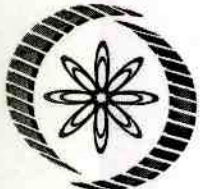
To
PAWAN KUMAR JAIN
FLAT F1, P.NO.16
RADHA NIKUNJ-C, KHEJRO KA BASS
NEAR ISCKON TEMPLE, MANSAROVAR
JAIPUR
RAJASTHAN
302020
PH. NO :9828801324



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

No. of credits recommended by NPTEL:3

Elite



NPTEL Online Certification

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



This certificate is awarded to
PAWAN KUMAR JAIN
for successfully completing the course

Antennas

with a consolidated score of **87** %

Online Assignments	22.81/25	Proctored Exam	63.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 511

Sridhar

Prof. Sridhar Iyer
Head CDEEP & NPTEL Coordinator
IIT Bombay

Jan-Apr 2019
(12 week course)

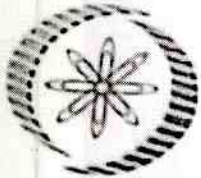


Indian Institute of Technology Bombay



Roll No: NPTEL19EE19S61480046

To validate and check scores: <http://npTEL.ac.in/noc>



NPTEL Online Certification

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



This certificate is awarded to

POOJA CHOUDHARY

for successfully completing the course

Fabrication Techniques for MEMs-based Sensors:

Clinical Perspective

with a consolidated score of **49 %**

Online Assignments	17.91/25	Proctored Exam	31.5/75
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Total number of candidates certified in this course: **422**

Jul-Oct 2018
(12 week course)

Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore

Prof. G. L. Sivakumar Babu
Irman Center for Continuing Education
IISc Bangalore



Indian Institute of Science Bangalore





Roll No: NPTEL19GE11S51480203

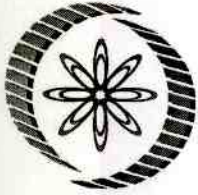
To
DR POONAM OJHA
H.NO. 2466, CHOUBAY HOUSE BEHIND PAREEK
GIRLS COLLEGE, NAHARGARH ROAD, JAIPUR
RAJASTHAN
302001
PH. NO :9928086033



No. of credits recommended by NPTEL:3

Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully completed the course
< 40	No Certificate

Elite



NPTEL Online Certification

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

This certificate is awarded to

DR POONAM OJHA

for successfully completing the course

Non-Conventional Energy Resources

with a consolidated score of **85** %

Online Assignments	23.44/25	Proctored Exam	61.88/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2153

A. Ramesh

Prof. A. Ramesh
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019
(12 week course)

Prof. Andrew Thangara

Prof. Andrew Thangara
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19GE11S51480203

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

Roll No: NPTEL19MA04S51480228

To
PRAMILA KUMAWAT
1/244 MALVIYA NAGAR
JAIPUR
RAJASTHAN
302017
PH. NO :9829304298



No. of credits recommended by NPTEL:3

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate



Elite NPTEL Online Certification

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



This certificate is awarded to
PRAMILA KUMAWAT
for successfully completing the course

Transform Calculus and Its Applications in Differential Equations

with a consolidated score of **86** %

Online Assignments	24.69/25	Proctored Exam	61.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 356

Jan-Apr 2019
(12 week course)

A. Goswami
Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MA04S51480228

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



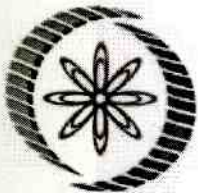
Roll No: NPTEL19PH05S21380161

To
PRAVEEN KUMAR JAIN
DEPARTMENT OF ECE, SWAMI KESHVANAND
INSTITUTE OF TECHNOLOGY
RAMNAGARIA, JAGATPURA
JAIPUR
RAJASTHAN
302017
PH. NO :9928652224

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate



No. of credits recommended by NPTEL:2



NPTEL Online Certification

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



This certificate is awarded to

PRAVEEN KUMAR JAIN

for successfully completing the course

Fiber Optics

with a consolidated score of **54** %

Online Assignments	22.50/25	Proctored Exam	31.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 177

B. K. Gandhi

Prof. B. K. Gandhi
Coordinator, Continuing Education Centre
NPTEL Coordinator, IIT Roorkee

Jan-Mar 2019
(8 week course)



Indian Institute of Technology Roorkee



Roll No: NPTEL19PH05S21380161

To validate and check scores: <http://npTEL.ac.in/noc>



Roll No:NPTEL18EE36S11420070

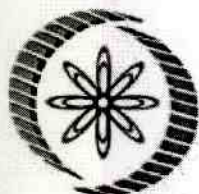
To

PRAVEEN KUMAR JAIN
DEPARTMENT OF ECE
SKIT
JAIPUR
RAJASTHAN
302017
PH. NO :9928652224



Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:3



NPTEL Online Certification

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



This certificate is awarded to

PRAVEEN KUMAR JAIN

for successfully completing the course

Fabrication Techniques for MEMs-based Sensors:

Clinical Perspective

with a consolidated score of **54 %**

Online Assignments	16.84/25	Proctored Exam	37.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 422

Prof. G. L. Sivakumar Babu
Chairman, Center for Continuing Education
IISc Bangalore

Jul-Oct 2018
(12 week course)

Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore



Indian Institute of Science Bangalore



Roll No: NPTEL18EE36S11420070

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



Roll No: NPTEL19ME24S51480097

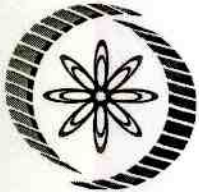
To
PRAVEEN SARASWAT
PLOT NO 31, F NO 101
BUDHVIHAR
JAGATPURA
JAIPUR
RAJASTHAN
302017
PH. NO :9785018458



Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:3

Elite



NPTEL Online Certification

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



This certificate is awarded to

PRAVEEN SARASWAT

for successfully completing the course

Rapid Manufacturing

with a consolidated score of **75** %

Online Assignments	24.38/25	Proctored Exam	51/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 815

T V Prabhakar

Prof. T. V. Prabhakar
Chairman
Centre for Continuing Education, IITK

Jan-Apr 2019
(12 week course)

Satyaki Roy

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

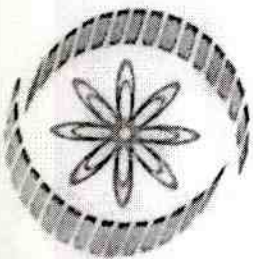


Indian Institute of Technology Kanpur



Roll No: NPTEL19ME24S51480097

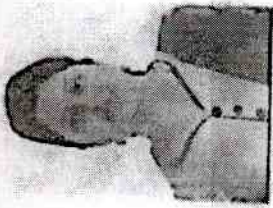
To validate and check scores: <http://npTEL.ac.in/noc>



Elite

NPTEL Online Certification

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



This certificate is awarded to

Priyanka

for successfully completing the course

Data Base Management Systems

with a consolidated score of 79 %

Online Assignments	22.13/25	Proctored Exam	57/75
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Total number of candidates certified in this course: 3734



Prof. Anupam Basu
NPTEL Coordinator
IIT Kharagpur

Aug-Sep 2018
(8 week course)

A. Goswami

Prof. Adrijit Goswami
Dean

Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL18CS36511

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



Roll No: NPTEL19EE09S31480213

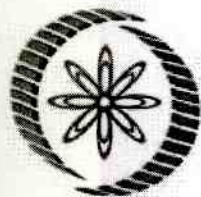
To
RAHUL PANDEY
263/762 SECTOR 26
PRATAP NAGAR
JAIPUR
RAJASTHAN
302033
PH. NO :7073903153



Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:3

Elite



NPTEL Online Certification

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

This certificate is awarded to

RAHUL PANDEY

for successfully completing the course

Digital Electronic Circuits

with a consolidated score of **75** %

Online Assignments	18.31/25	Proctored Exam	57/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 922



Jan-Apr 2019
(12 week course)

A. Goswami

Prof. Adrijit Goswami

Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19EE09S31480213

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



Roll No:NPTEL18GE15S11420249

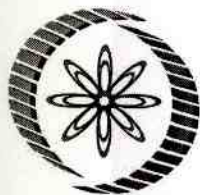
To

RAJIV KUMAR
S-2,25-A DIAMOND COLONY,NEAR SARASWATI
NAGAR
BEHIND GOLD SOUK MALL,JAWAHAR CIRCL
JAIPUR
RAJASTHAN
302017
PH. NO :7597049105



No. of credits recommended by NPTEL:1

Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate



Elite

NPTEL Online Certification

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



This certificate is awarded to

RAJIV KUMAR

for successfully completing the course

Outcome based pedagogic principles

for Effective Teaching

with a consolidated score of **73 %**

Online Assignments	17.17/25	Proctored Exam	55.5/75
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Prof. Anupam Basu
NPTEL Coordinator
IIT Kharagpur

Total number of candidates certified in this course: **966**

Prof. Adrijit Goswami
Dean
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL18GE15S11420249

To validate and check scores: <http://npTEL.ac.in/noc>



Roll No: NPTEL19PH05S11380180

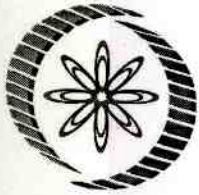
To

RAJIV KUMAR
S-2 25A DIAMOND COLONY NEAR SARAWATI
NAGAR BEHIND GOLD SOUK MALL MALVIYA
NAGAR
JAIPUR
RAJASTHAN
302017
PH. NO :7597049105



Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:2



NPTEL Online Certification

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

This certificate is awarded to

RAJIV KUMAR

for successfully completing the course

Fiber Optics

with a consolidated score of **80** %

Online Assignments	24.58/25	Proctored Exam	55.5/75
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Total number of candidates certified in this course: 177

Prof. B. K. Gandhi

Prof. B. K. Gandhi
Coordinator, Continuing Education Centre
NPTEL Coordinator, IIT Roorkee

Jan-Mar 2019
(8 week course)



Indian Institute of Technology Roorkee



Roll No: NPTEL19PH05S11380180

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



Roll No:NPTEL18EE20S11420235

To

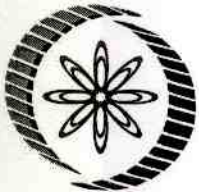
RAMMURTI MEENA
C/O RAMSINGH MEENA, ALUDA HOUSE MADHUBAN
COLONEY NEAR JHAREDA ROAD
HINDAUN CITY
KARALI
RAJASTHAN
322230
PH. NO :9261167241



Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:3

Elite



NPTEL Online Certification

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



This certificate is awarded to

RAMMURTI MEENA

for successfully completing the course

Control Engineering

with a consolidated score of **64 %**

Online Assignments	20.00/25	Proctored Exam	44.25/75
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Total number of candidates certified in this course: 490

A. Ramesh

Prof. A. Ramesh
Chairman

Center for Continuing Education, IITM

Jul-Oct 2018
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

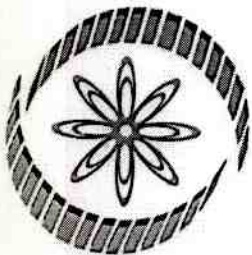


Indian Institute of Technology Madras



Roll No: NPTEL18EE20S11420235

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



Elite

NPTEL Online Certification

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



This certificate is awarded to

Rashmi Dadhich

for successfully completing the course

Data Base Management Systems

with a consolidated score of 69 %

Online Assignments	21.50/25	Proctored Exam	47.25/75
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Total number of candidates certified in this course: 3734



Prof. Anupam Basu
NPTEL Coordinator
IIT Kharagpur

Aug-Sep 2018
(8 week course)

A. Goswami

Prof. Adrijit Goswami

Dean

Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL18CS36S11370224

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



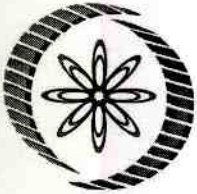
Roll No: NPTEL19EE30S41480319

To
RAVI KUMAR JANGIR
SKIT RAMNAGRIA JAGATPURA
JAIPUR
RAJASTHAN
302025
PH. NO :9649331099



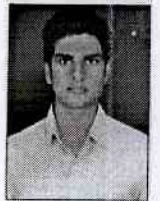
Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:3



NPTEL Online Certification

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



This certificate is awarded to
RAVI KUMAR JANGIR
for successfully completing the course

Control Engineering

with a consolidated score of **42** %

Online Assignments	14.47/25	Proctored Exam	27.75/75
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Total number of candidates certified in this course: 856

A. Ramesh

Prof. A. Ramesh
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019
(12 week course)

Prof. Andrew Thangara

Prof. Andrew Thangara
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19EE30S41480319

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



Roll No:NPTEL18EE21S11420078

To

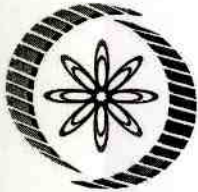
RUKHSAR ZAFAR
D/O M. ZAFAR KALIM
5/88, MALVIYA NAGAR
JAIPUR
RAJASTHAN
302017
PH. NO :8058318786



Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:3

Elite



NPTEL Online Certification

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



This certificate is awarded to

RUKHSAR ZAFAR

for successfully completing the course

Principles of Signal Estimation for MIMO/ OFDM

Wireless Communication

with a consolidated score of **98 %**

Online Assignments	24.69/25	Proctored Exam	73.5/75
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T V Prabhakar

Prof. T. V. Prabhakar
Chairman
Center for Continuing Education, IITK

Total number of candidates certified in this course: 94

Jul-Oct 2018
(12 week course)

Satyaki Roy

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

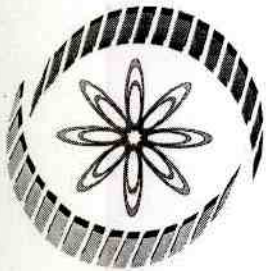


Indian Institute of Technology Kanpur



Roll No: NPTEL18EE21S11420078

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



NPTEL Online Certification

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



This certificate is awarded to

SANWTA RAM DOGIWAL

for successfully completing the course

Deep Learning

with a consolidated score of **56 %**

Online Assignments	12.47/25	Proctored Exam	43.5/75
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Total number of candidates certified in this course: **701**

A. Ramesh

Prof. A. Ramesh

Chairman

Center for Continuing Education, IITM

Jul-Oct 2018
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

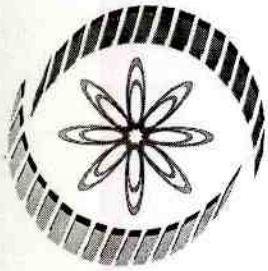


Indian Institute of Technology Madras



Roll No: NPTEL18CS41S21410245

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



Elite

NPTEL Online Certification

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



This certificate is awarded to

SANWTA RAM DOGIWAL

for successfully completing the course

Digital Image Processing

with a consolidated score of **65 %**

Online Assignments	18.72/25	Proctored Exam	45.92/75
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Total number of candidates certified in this course: **1031**

Prof. Anupam Basu
NPTEL Coordinator
IIT Kharagpur

Jul-Oct 2018
(12 week course)

A. Goswami

Prof. Adrijit Goswami
Dean

Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL18EE40S11420037

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



TOPPER

Elite

NPTEL Online Certification

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



This certificate is awarded to
SANGEETA CHOUDHARY

for successfully completing the course

Transform Techniques for Engineers

with a consolidated score of **98 %**

Online Assignments	25/25	Proctored Exam	72.75/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: 62

A. Ramesh

Prof. A. Ramesh
Chairman
Center for Continuing Education, IITM

Jul-Oct 2018
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL18MA12511420430

To validate and check scores, visit www.nptel.ac.in

Roll No: NPTEL19MA04S51480049

To
SANGEETA CHOUDHARY
T-18/5, SHANTI PATH, SANJAY COLONY,
RPA ROAD, PANIPECH
JAIPUR
RAJASTHAN
302016
PH. NO :9414455719



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

No. of credits recommended by NPTEL:3

Elite

NPTEL Online Certification

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

This certificate is awarded to

SANGEETA CHOUDHARY

for successfully completing the course

**Transform Calculus and Its Applications in
Differential Equations**

with a consolidated score of **96** %

Online Assignments	25.00/25	Proctored Exam	70.5/75
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Total number of candidates certified in this course: 356

Jan-Apr 2019
(12 week course)

A. Goswami
Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MA04S51480049

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



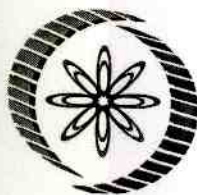
Roll No: NPTEL19CS22S11380184

To
SARABJEET SINGH
SWAMI KESHVANAND INSTITUTE OF
TECHNOLOGY, MANAGEMENT & GRAMOTHAN
JAIPUR
RAJASTHAN
302017
PH. NO :9828483582



Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:2



Elite

NPTEL Online Certification

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



This certificate is awarded to
SARABJEET SINGH
for successfully completing the course

Embedded System Design with ARM

with a consolidated score of **83** %

Online Assignments	19.46/25	Proctored Exam	63.25/75
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Total number of candidates certified in this course: 956

Jan-Mar 2019
(8 week course)

A. Goswami

Prof. Adrijit Goswami
Dean
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CS22S11380184

To validate and check scores: <http://npTEL.ac.in/noc>



Roll No: NPTEL19CE03S11380162

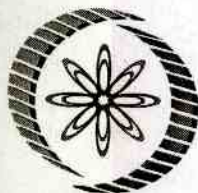
To

SAURABH SINGH
23 DEENDAYAL NAGAR BEHIND RBM HOSPITAL
BHARATPUR
RAJASTHAN
321001
PH. NO :7791906314



Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:2



NPTEL Online Certification

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



This certificate is awarded to

SAURABH SINGH

for successfully completing the course

**Hydration, Porosity &
Strength of Cementitious Materials**

with a consolidated score of **41** %

Online Assignments	11.58/25	Proctored Exam	29.85/75
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Total number of candidates certified in this course: 320

T V Prabhakar

Prof. T. V. Prabhakar

Chairman

Centre for Continuing Education, IITK

Jan-Mar 2019
(8 week course)

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL19CE03S11380162

To validate and check scores: <http://npTEL.ac.in/noc>



Roll No: NPTEL19CE11S61480186

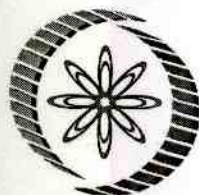
To

SAURABH SINGH
23 DEENDAYAL NAGAR BEHIND RBM HOSPITAL
BHARATPUR
RAJASTHAN
321001
PH. NO :7791906314



Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:3



NPTEL Online Certification

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



This certificate is awarded to

SAURABH SINGH

for successfully completing the course

Geotechnical Engineering II

Foundation Engineering

with a consolidated score of **48** %

Online Assignments	21.19/25	Proctored Exam	27/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 265

Jan-Apr 2019
(12 week course)

A. Goswami

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur

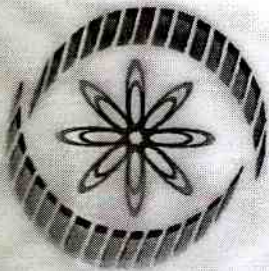


Indian Institute of Technology Kharagpur



Roll No: NPTEL19CE11S61480186

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



Elite

NPTEL Online Certification

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



This certificate is awarded to

DR.SAVITA CHOUDHARY

for successfully completing the course

Leadership

with a consolidated score of **76 %**

Online Assignments	20.50/25	Proctored Exam	55.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **2331**


Prof. Anupam Basu
NPTEL Coordinator
IIT Kharagpur

Prof. Anupam Basu
NPTEL Coordinator
IIT Kharagpur

Aug-Sep 2018
(4 week course)

A. Goswami

Prof. Adrijit Goswami
Dean

Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL18MG29511420230

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



NPTEL Online Certification

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



This certificate is awarded to

SHALINI SHEKHAWAT

for successfully completing the course

Mathematical Modelling:

Analysis and Applications

with a consolidated score of **55 %**

Online Assignments	11.00/25	Proctored Exam	43.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **45**

B. K. Gandhi

Prof. B. K. Gandhi
Coordinator, Continuing Education Center
NPTEL Coordinator, IIT Roorkee

Aug-Sep 2018
(4 week course)



Indian Institute of Technology Roorkee



Roll No: NPTEL18MA18S11420195

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



Elite

NPTEL Online Certification

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

This certificate is awarded to

SHANU TRIPATHI

for successfully completing the course

Embedded System Design with ARM

with a consolidated score of **88** %

Online Assignments	21.25/25	Proctored Exam	67/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 956

Jan-Mar 2019
(8 week course)

A. Goswami

Prof. Adrijit Goswami

Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CS22S11380134

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



Roll No:NPTEL18GE14S21410074

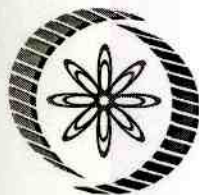
To

DR.SHARDA SONI
C - 43, ANAND VIHAR, RAILWAY COLONY
JAGATPURA JAIPUR.
JAIPUR
RAJASTHAN
302017
PH. NO :9785337775



Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:3



Elite

NPTEL Online Certification

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



This certificate is awarded to

DR.SHARDA SONI

for successfully completing the course

Non-Conventional Energy Resources

with a consolidated score of **92 %**

Online Assignments	24.06/25	Proctored Exam	67.88/75
--------------------	----------	----------------	----------

A. Ramesh

Prof. A. Ramesh
Chairman
Center for Continuing Education, IITM

Total number of candidates certified in this course: **667**

Jul-Oct 2018
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL18GE14S21410074

To validate and check scores: <http://npTEL.ac.in/noc>



Roll No: NPTEL19HS19S61480269

To

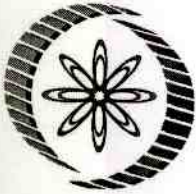
DR.SHARDA SONI
C-43, ANAND VIHAR, RAILWAY COLONY,
JAGATPURA, JAIPUR
JAGATPURA
JAIPUR
RAJASTHAN
302017
PH. NO :9785337775

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate



No. of credits recommended by NPTEL:3

Elite



NPTEL Online Certification

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



This certificate is awarded to
DR.SHARDA SONI
for successfully completing the course



Better Spoken English

with a consolidated score of **75** %

Online Assignments	22.19/25	Proctored Exam	52.43/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2469

A. Ramesh

Prof. A. Ramesh
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019
(12 week course)

Prof. Andrew Thangara

Prof. Andrew Thangara
NPTEL Coordinator
IIT Madras



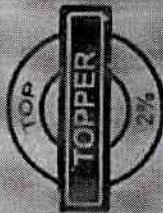
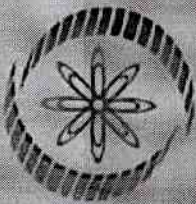
Indian Institute of Technology Madras



Roll No: NPTEL19HS19S61480269

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

GREEN DOOT



Elite

NPTEL Online Certification

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



This certificate is awarded to

Sheeba Anjum

for successfully completing the course

Technical English for Engineers

with a consolidated score of **88 %**

Online Assignments	24.17/25	Proctored Exam	63.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **1874**

A. Ramesh

Prof. A. Ramesh
Chairman

Center for Continuing Education, IITM



Indian Institute of Technology Madras

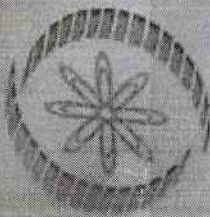
Aug-Sep 2018
(8 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Roll No. NPTEL18HS27511370096

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



Elite

NPTEL Online Certification

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

This certificate is awarded to

SHIKHA AGARWAL

for successfully completing the course

Postmodernism in Literature

with a consolidated score of 62 %

Online Assignments	21.58/25	Proctored Exam	40.88/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 56

A. Ramesh

Prof. A. Ramesh
Chairman

Centre for Continuing Education, IITM



Indian Institute of Technology Madras

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Roll No: NPTEL19HS08S61480036

To validate and check scores, <http://npTEL.ac.in>



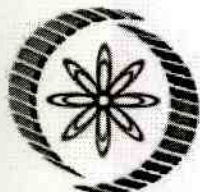
Roll No: NPTEL19EE19S61480150

To
SHUBHIJAIN
C-6A, DEV NAGAR, TONK ROAD
JAIPUR
RAJASTHAN
302018
PH. NO : 9468783437



Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully completed the course
< 40	No Certificate

No. of credits recommended by NPTEL: 3



NPTEL Online Certification

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



This certificate is awarded to

SHUBHIJAIN

for successfully completing the course

Antennas

with a consolidated score of **42** %

Online Assignments	20.31/25	Proctored Exam	21.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 511

Prof. Sridhar Iyer
Head CDEEP & NPTEL Coordinator
IIT Bombay

Jan-Apr 2019
(12 week course)

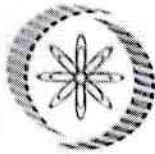


Indian Institute of Technology Bombay



Roll No: NPTEL19EE19S61480150

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



NPTEL Online Certification

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



This certificate is awarded to

SUMIT GUPTA

for successfully completing the course

Computational Fluid Dynamics

with a consolidated score of **56 %**

Online Assignments	20.22/25	Proctored Exam	36/75
--------------------	----------	----------------	-------

Prof. Anupam Basu
NPTEL Coordinator
IIT Kharagpur

Total number of candidates certified in this course: **211**

Jul-Oct 2018
(12 week course)

Prof. Adrijit Goswami
Dean
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No. NPTEL18ME48S11420277

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

Roll No: NPTEL18ME61S21370145

To
 SUNIL KUMAR
 H.NO- 233/30
 PRATAP NAGAR SEC-23 JAIPUR
 JAIPUR
 RAJASTHAN
 302017
 PH. NO :7877730379



No. of credits recommended by NPTEL:2

Score	Type of Certificate
>=90	Elite + Gold Medal
80-89	Elite
40-59	Successfully Completed the course
<40	No Certificate



Elite NPTEL Online Certification

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



This certificate is awarded to
SUNIL KUMAR
 for successfully completing the course
Robotics
 with a consolidated score of **71 %**

Online Assignments	19.58/25	Proctored Exam	51/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 1069

Prof. Anupam Basu
 NPTEL Coordinator
 IIT Kharagpur

Aug-Sep 2018
 (8 week course)

Prof. Adrijit Goswami
 Dean
 Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL18ME61S21370145

To validate and check scores: <http://npTEL.ac.in/noc>



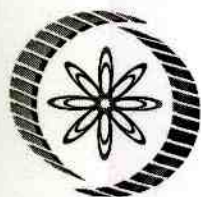
Roll No: NPTEL19MA15S31480334

To
DR. SUNITA GUPTA
189, JAI NAGAR
MURLIPURA
ROAD NUMBER 2,
JAIPUR
RAJASTHAN
302013
PH. NO :9828510686



Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:3



Elite

NPTEL Online Certification

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



This certificate is awarded to

DR. SUNITA GUPTA

for successfully completing the course

Introduction to Automata, Languages and Computation

with a consolidated score of **81** %

Online Assignments	23.13/25	Proctored Exam	57.45/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 850

Jan-Apr 2019
(12 week course)

A. Goswami

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MA15S31480334

To validate and check scores: <http://npTEL.ac.in/noc>



Roll No:NPTEL18CS46S11420291

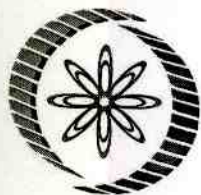
To

DR. SUNITA GUPTA
189, JAI NAGAR, ROAD NO. 2, SIKAR ROAD
MURLIPURA
JAIPUR
RAJASTHAN
302013
PH. NO :9828510686



Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:3



Elite

NPTEL Online Certification

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



This certificate is awarded to

DR. SUNITA GUPTA

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **68 %**

Online Assignments	22.81/25	Proctored Exam	45/75
--------------------	----------	----------------	-------

Prof. Anupam Basu
NPTEL Coordinator
IIT Kharagpur

Total number of candidates certified in this course: **3617**

Jul-Oct 2018
(12 week course)

Prof. Adrijit Goswami
Dean
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL18CS46S11420291

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



Roll No: NPTEL19ME10S41480278

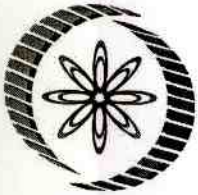
To
SUSHIL SURANA
D182, JAGRAJ MARG, BAPUNAGAR
JAIPUR
RAJASTHAN
302015
PH. NO :9314889036



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

No. of credits recommended by NPTEL:3

Elite



NPTEL Online Certification

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



This certificate is awarded to

SUSHIL SURANA

for successfully completing the course

IC Engines and Gas Turbines

with a consolidated score of **68** %

Online Assignments	22.53/25	Proctored Exam	45/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **1557**

Prof. Sunil Khijwania
Head, Center for Educational Technology
NPTEL Coordinator, IIT Guwahati

Jan-Apr 2019
(12 week course)

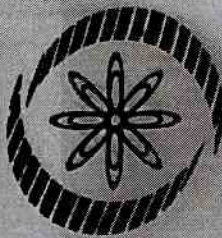


Indian Institute of Technology Guwahati



Roll No: NPTEL19ME10S41480278

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



Elite

NPTEL Online Certification

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



This certificate is awarded to

SUSHILA VISHNOI

for successfully completing the course

MACHINE LEARNING, ML

with a consolidated score of 60 %

Online Assignments	22.04/25	Proctored Exam	38.25/75
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Total number of candidates certified in this course: 1287

A. Ramesh

Prof. A. Ramesh

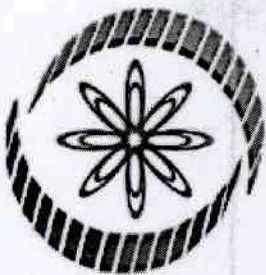
Chairman

Centre for Continuing Education, IITM

Feb-Apr 2019
(8 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Elite

NPTEL Online Certification

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



This certificate is awarded to

DR. SWATI ARORA

for successfully completing the course

Ethics in Engineering Practice

with a consolidated score of **61** %

Online Assignments	23.63/25	Proctored Exam	37.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **1721**

A. Goswami

Prof. Adrijit Goswami

Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur

Feb-Apr 2019
(8 week course)

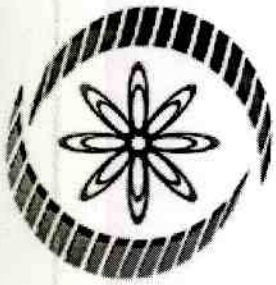


Indian Institute of Technology Kharagpur

Roll No: NPTEL19MG03S51480110

Validate and check scores: <http://nptel.ac.in/noc>





Elite

NPTEL Online Certification

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



This certificate is awarded to

DR. SWATI ARORA

for successfully completing the course

Digital Circuits

with a consolidated score of **71 %**

Online Assignments	22.66/25	Proctored Exam	48/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **4707**



Prof. Anupam Basu
NPTEL Coordinator
IIT Kharagpur

Jul-Oct 2018
(12 week course)

A. Goswami

Prof. Adrijit Goswami
Dean

Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL18EE33S11420422

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



Roll No:NPTEL18CY11S11370029

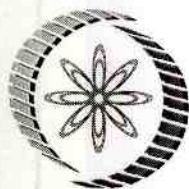
To

DR SWATI JOSHI
A17,F2, SHIVSHAKTI NAGAR, NEAR MODEL
TOWN, JAGATPURA ROAD
JAIPUR
RAJASTHAN
302017
PH. NO :9461207759



No. of credits recommended by NPTEL:2

Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate



Elite NPTEL Online Certification

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



This certificate is awarded to

DR SWATI JOSHI

for successfully completing the course

Stereochemistry

with a consolidated score of **92 %**

Online Assignments	21.71/25	Proctored Exam	70.5/75
--------------------	----------	----------------	---------



Prof. Anupam Basu
NPTEL Coordinator
IIT Kharagpur

Total number of candidates certified in this course: **132**

Aug-Sep 2018
(8 week course)



Prof. Adrijit Goswami
Dean
Continuing Education, IIT Kharagpur

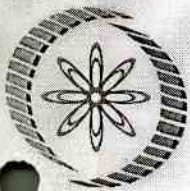


Indian Institute of Technology Kharagpur



Roll No: NPTEL18CY11S11370029

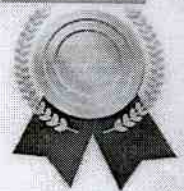
To validate and check scores: <http://nptel.ac.in/noc>



Elite

NPTEL Online Certification

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



This certificate is awarded to

DR SWATI JOSHI

for successfully completing the course

Non-Conventional Energy Resources

with a consolidated score of **83 %**

Online Assignments	23.75/25	Proctored Exam	58.88/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **2153**

A. Ramesh

Prof. A. Ramesh
Chairman
Center for Continuing Education, IITM

Jan-Apr 2019
(12 week course)

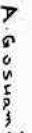
Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



 Roll No: NPTEL18EE33S11420416		To URVASHI PRAKASH SHUKLA NPTEL CAMPUS RAJASTHAN JAIPUR PIN: 302010 Ph: 9549101345											
		<table border="1"> <thead> <tr> <th>Score</th> <th>Type of Certificate</th> </tr> </thead> <tbody> <tr> <td>>=90</td> <td>Elite + Gold Medal</td> </tr> <tr> <td>80-89</td> <td>Elite</td> </tr> <tr> <td>40-59</td> <td>Successfully Completed the course</td> </tr> <tr> <td><40</td> <td>No Certificate</td> </tr> </tbody> </table>		Score	Type of Certificate	>=90	Elite + Gold Medal	80-89	Elite	40-59	Successfully Completed the course	<40	No Certificate
Score	Type of Certificate												
>=90	Elite + Gold Medal												
80-89	Elite												
40-59	Successfully Completed the course												
<40	No Certificate												
No. of credits recommended by NPTEL: 3													
 NPTEL Online Certification (Funded by the Ministry of HRD, Govt. of India)													
 Elite NPTEL Online Certification (Funded by the Ministry of HRD, Govt. of India)													
This certificate is awarded to URVASHI PRAKASH SHUKLA for successfully completing the course Digital Circuits with a consolidated score of 62 %													
Online Assignments 19.84/25		Proctored Exam 42/75											
Total number of candidates certified in this course: 4707													
Prof. Anupam Basu NPTEL Coordinator IIT Kharagpur		Jul-Oct 2018 (12 week course)											
													
Indian Institute of Technology Kharagpur		Prof. Adijit Goswami Dean Continuing Education, IIT Kharagpur											
Roll No: NPTEL18EE33S11420416		To validate and check scores: http://npel.ac.in/noc											



Elite

NPTEL Online Certification

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



This certificate is awarded to
VIJAY KUMAR SINGHAL
for successfully completing the course
Discrete Mathematics
with a consolidated score of **73 %**

Online Assignments	21.50/25	Proctored Exam	51/75
--------------------	----------	----------------	-------

A. Ramesh

Prof. A. Ramesh
Chairman
Center for Continuing Education, IITM

Total number of candidates certified in this course: 982

Jul-Oct 2018
(12 week course)

Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras





Elite

NPTEL Online Certification

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



This certificate is awarded to

VIKAS PATHAK

for successfully completing the course

Digital Circuits

with a consolidated score of **72 %**

Online Assignments	20.59/25	Proctored Exam	51/75
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Total number of candidates certified in this course: **4707**

Prof. Anupam Basu
NPTEL Coordinator
IIT Kharagpur

Jul-Oct 2018
(12 week course)

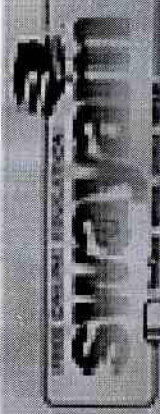
A. G. Goswami

Prof. Adrijit Goswami
Dean

Continuing Education, IIT Kharagpur

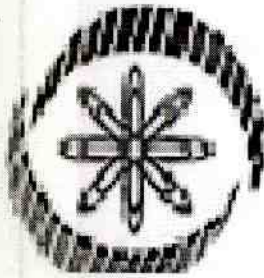


Indian Institute of Technology Kharagpur



Roll No. NPTEL18EE33S11420420

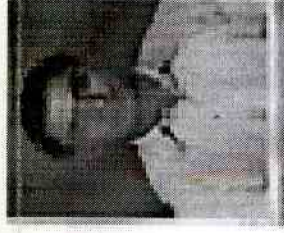
To validate and check scores, click on the link provided



Elite

NPTEL Online Certification

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



This certificate is awarded to

VIKAS PATHAK

for successfully completing the course

Switching Circuits and Logic Design

with a consolidated score of **60 %**

Online Assignments	18.06/25	Proctored Exam	42/75
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Total number of candidates certified in this course: **723**

Prof. Anupam Basu
NPTEL Coordinator
IIT Kharagpur

Jul-Oct 2018
(12 week course)

A. G. Goswami
Prof. Arvind Goswami
Dean
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur



Ref No. NPTEL18CS30S21410120

To validate and check scores: <http://npTEL.iitk.ac.in>



Roll No:NPTEL18EE18S11420013

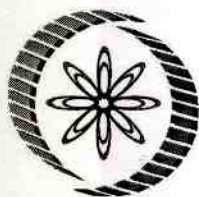
To

VIKAS RANVEER SINGH MAHALA
1031, RANI SATI NAGAR, NIRMAL NAGAR
JAIPUR
RAJASTHAN
302019
PH. NO :9351066315



No. of credits recommended by NPTEL:3

Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate



Elite

NPTEL Online Certification

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



This certificate is awarded to
VIKAS RANVEER SINGH MAHALA

for successfully completing the course

Basic Electrical Circuits

with a consolidated score of **64 %**

Online Assignments	20.91/25	Proctored Exam	43.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 221

A. Ramesh

Prof. A. Ramesh

Chairman

Center for Continuing Education, IITM

Jul-Oct 2018
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL18EE18S11420013

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



Roll No: NPTEL18EE15S11370053

To

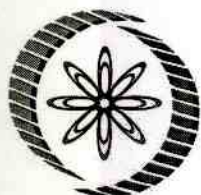
VIKAS RANVEER SINGH MAHALA
1031, RANI SATI NAGAR, NIRMAL NAGAR
JAIPUR
RAJASTHAN
302019
PH. NO : 9351066315



Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate

No. of credits recommended by NPTEL: 2

Elite



NPTEL Online Certification

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



This certificate is awarded to

VIKAS RANVEER SINGH MAHALA

for successfully completing the course

Electrical Distribution System Analysis

with a consolidated score of **78 %**

Online Assignments	23.88/25	Proctored Exam	54/75
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B. K. Gandhi

Total number of candidates certified in this course: 225

Prof. B. K. Gandhi
Coordinator, Continuing Education Center
NPTEL Coordinator, IIT Roorkee

Aug-Sep 2018
(8 week course)



Indian Institute of Technology Roorkee



Roll No: NPTEL18EE15S11370053

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



Roll No:NPTEL18ME51S21410178

To

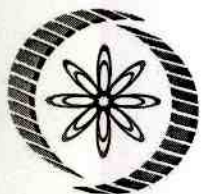
VINAY SINGH MARWAL
HOUSE NO 67 / 227; SECTOR - 6; PRATAP
NAGAR
SANGANER; JAIPUR
JAIPUR
RAJASTHAN
302033
PH. NO :9829368210



Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:3

Elite



NPTEL Online Certification

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



This certificate is awarded to
VINAY SINGH MARWAL

for successfully completing the course

Fundamentals of Manufacturing Processes

with a consolidated score of **90 %**

Online Assignments	24.06/25	Proctored Exam	65.5/75
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Prof. B. K. Gandhi

Prof. B. K. Gandhi
Coordinator, Continuing Education Center
NPTEL Coordinator, IIT Roorkee

Total number of candidates certified in this course: **1084**

Jul-Oct 2018
(12 week course)



Indian Institute of Technology Roorkee



Roll No: NPTEL18ME51S21410178

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



Roll No: NPTEL19ME17S61480090

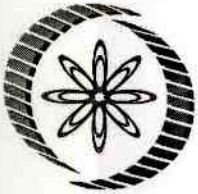
To
VINAY SINGH MARWAL
HOUSE NO. 67 / 227; SECTOR-6; PRATAP
NAGAR; SANGANER.
SANGANER, JAIPUR
JAIPUR
RAJASTHAN
302033
PH. NO :9116618210



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2

Elite



NPTEL Online Certification

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



This certificate is awarded to
VINAY SINGH MARWAL
for successfully completing the course

Joining Technologies for Metals

with a consolidated score of **83** %

Online Assignments	24.58/25	Proctored Exam	58.16/75
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Total number of candidates certified in this course: 268

Prof. B. K. Gandhi
Coordinator, Continuing Education Centre
NPTEL Coordinator, IIT Roorkee

Feb-Apr 2019
(8 week course)



Indian Institute of Technology Roorkee



Roll No: NPTEL19ME17S61480090

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



Roll No:NPTEL18CY12S11420201

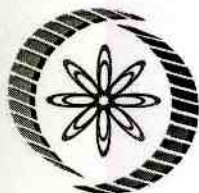
To

VINITA SHARMA
3,PUSHPANJALI COLONY,NEAR MAHESH NAGAR
FATAK
JAIPUR
RAJASTHAN
302015
PH. NO :9460766621



Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:3



Elite

NPTEL Online Certification

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



This certificate is awarded to

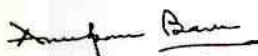
VINITA SHARMA

for successfully completing the course

Coordination Chemistry

with a consolidated score of **71 %**

Online Assignments	24.75/25	Proctored Exam	46.5/75
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Prof. Anupam Basu
NPTEL Coordinator
IIT Kharagpur

Total number of candidates certified in this course: **182**

Jul-Oct 2018
(12 week course)



Prof. Adrijit Goswami
Dean
Continuing Education, IIT Kharagpur

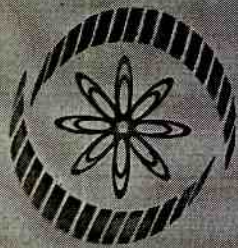


Indian Institute of Technology Kharagpur



Roll No: NPTEL18CY12S11420201

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



Elite

NPTEL Online Certification

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



This certificate is awarded to

VINOD KATARIA

for successfully completing the course

Embedded Systems-Design Verification and Test

with a consolidated score of **62 %**

Online Assignments	21.97/25	Proctored Exam	40.5/75
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Total number of candidates certified in this course: **99**

Prof. Sunil Khijwania
Head, Center for Educational Technology
NPTEL Coordinator, IIT Guwahati

Jul-Oct 2013
(12 week course)



Indian Institute of Technology Guwahati



Roll No: NPTEL18CS54S21410108

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



Roll No: NPTEL18CS53S11420175

To

VIVEK VIJAY
DEPARTMENT OF MATHEMATICS
SKIT
JAGATPURA, JAIPUR
JAIPUR
RAJASTHAN
302017
PH. NO :9950863661



No. of credits recommended by NPTEL:3

Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate



Elite NPTEL Online Certification

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



This certificate is awarded to

VIVEK VIJAY

for successfully completing the course

Discrete Mathematics

with a consolidated score of **96 %**

Online Assignments	25.00/25	Proctored Exam	70.5/75
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Total number of candidates certified in this course: **982**


Prof. A. Ramesh
Chairman
Center for Continuing Education, IITM

Jul-Oct 2018
(12 week course)


Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL18CS53S11420175

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



Roll No: NPTEL19EE01S31480293

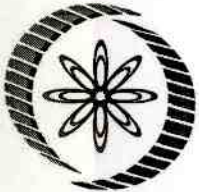
To
MD YUSUF SHARIF
Q-NO T2 35-A
GOWTHAMPUR COLONY
KOTHAGUDEM
KHAMMAM
TELANGANA
507138
PH. NO :7989689498



Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:3

Elite



NPTEL Online Certification

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



This certificate is awarded to

MD YUSUF SHARIF

for successfully completing the course

Electrical Machines - II

with a consolidated score of **76** %

Online Assignments	17.41/25	Proctored Exam	58.5/75
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Total number of candidates certified in this course: **443**

Jan-Apr 2019
(12 week course)

A. Goswami

Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur

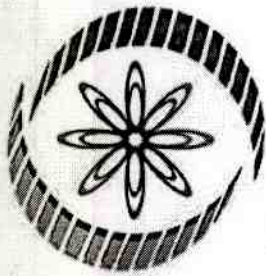


Indian Institute of Technology Kharagpur



Roll No: NPTEL19EE01S31480293

To validate and check scores: <http://npTEL.ac.in/noc>



Elite

NPTEL Online Certification

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



This certificate is awarded to

ANKIT AGARWAL

for successfully completing the course

Principles of Communication Systems - I

with a consolidated score of **69 %**

Online Assignments	17.5/25	Proctored Exam	51/75
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T V Prabhakar

Prof. T. V. Prabhakar

Chairman

Center for Continuing Education, IITK

Total number of candidates certified in this course: **371**

(12 week course)

Jan-Apr 2018

Satyaki Roy

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur



Roll No NPTEL18EE03S4410010

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



Roll No:NPTEL18CS55S11370069

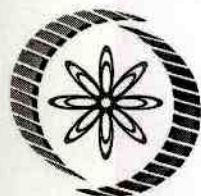
To

GIRISH SHARMA
49 B SHAKTI NAGAR GAJSINGHPURA
AJMER ROAD
JAIPUR
RAJASTHAN
302024
PH. NO :9785445554



Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate

No. of credits recommended by NPTEL:1



Elite

NPTEL Online Certification

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



This certificate is awarded to

GIRISH SHARMA

for successfully completing the course

Introduction to Parallel Programming in Open MP

with a consolidated score of **73 %**

Online Assignments	20.21/25	Proctored Exam	52.5/75
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A. Ramesh

Prof. A. Ramesh
Chairman
Center for Continuing Education, IITM

Total number of candidates certified in this course: **101**

Aug-Sep 2018
(4 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

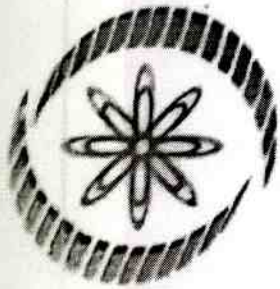


Indian Institute of Technology Madras



Roll No: NPTEL18CS55S11370069

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



NPTEL Online Certification

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



This certificate is awarded to

MONIKA MATHUR

for successfully completing the course

Antennas

with a consolidated score of **45 %**

Online Assignments	13.5/25	Proctored Exam	31.5/75
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Total number of candidates certified in this course: **298**

Prof. Sridhar Iyer
Head CDEEP & NPTEL Coordinator
IIT Bombay

Jan-Apr 2018
(12 week course)

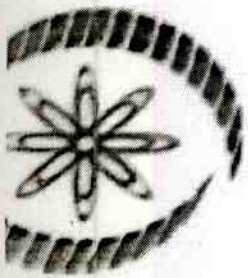


Indian Institute of Technology Bombay



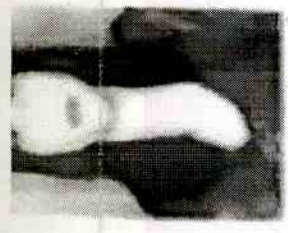
Roll No: NPTEL18EE13S3410231

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



NPTEL Online Certification

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



This certificate is awarded to

MONIKA MATHUR

for successfully completing the course

Principles of Communication Systems - I

with a consolidated score of **53 %**

Online Assignments	17.25/25	Proctored Exam	36/75
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T. V. Prabhakar

Prof. T. V. Prabhakar
Chairman
Center for Continuing Education, IITK



Indian Institute of Technology Kanpur

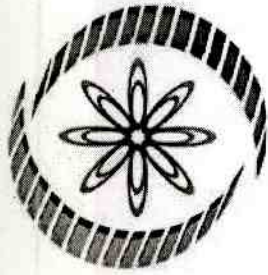
Satyaki Roy

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Total number of candidates certified in this course: **371**

Jan-Apr 2018
(12 week course)





NPTEL Online Certification

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



This certificate is awarded to

PRAVEEN KUMAR JAIN

for successfully completing the course

Principles of Communication Systems - I

with a consolidated score of **41 %**

Online Assignments	15.75/25	Proctored Exam	25.5/75
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T V Prabhakar

Prof. T. V. Prabhakar
Chairman
Center for Continuing Education, IITK

Total number of candidates certified in this course: **371**

Satyaki Roy

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

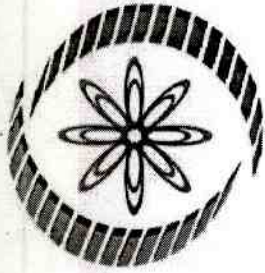


Indian Institute of Technology Kanpur



Roll No: NPTEL18EE03S4410165

To validate and check scores: <http://npTEL.ac.in/noc>



Elite

NPTEL Online Certification

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



This certificate is awarded to

PRAVEEN KUMAR JAIN

for successfully completing the course

Soft Nano Technology

with a consolidated score of **64 %**

Online Assignments	24.5/25	Proctored Exam	39/75
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Total number of candidates certified in this course: **34**



Prof. Anupam Basu
NPTEL Coordinator
IIT Kharagpur

Feb-Mar 2018
(8 week course)

A. Goswami

Prof. Adrijit Goswami
Dean

Continuing Education, IIT Kharagpur

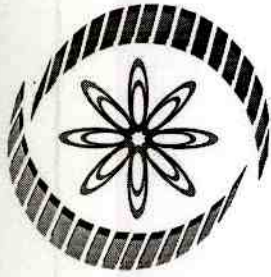


Indian Institute of Technology Kharagpur



Roll No: NPTEL18CH16S3410089

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



NPTEL Online Certification

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



This certificate is awarded to

DR. SWATI ARORA

for successfully completing the course

Material Characterization

with a consolidated score of **43 %**

Online Assignments	11.5/25	Proctored Exam	31.5/75
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Total number of candidates certified in this course: **39**

A. Ramesh

Prof. A. Ramesh
Chairman

Center for Continuing Education, IITM

Jan-Apr 2018

(12 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

Andrew Thangaraj

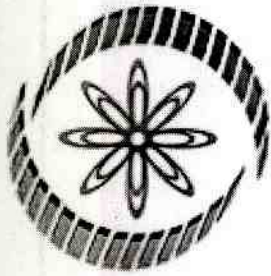


Indian Institute of Technology Madras



Roll No: NPTEL18MM02S3410144

To validate and check scores: <http://npTEL.ac.in/noc>



Elite

NPTEL Online Certification

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



This certificate is awarded to

ANKIT AGARWAL

for successfully completing the course

PRINCIPLES OF MODERN CDMA/ MIMO/ OFDM WIRELESS COMMUNICATIONS

with a consolidated score of **69 %**

Online Assignments	24.25/25	Proctored Exam	45/75
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T V Prabhakar

Prof. T. V. Prabhakar

Chairman

Centre for Continuing Education, IITK



Indian Institute of Technology Kanpur

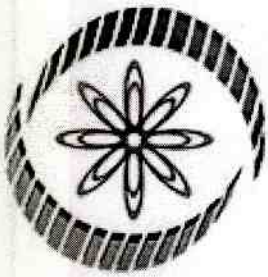
Satyaki Roy

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Jul to Sep 2016
(20 hour course)

Roll No: NPTEL16EC1918390027

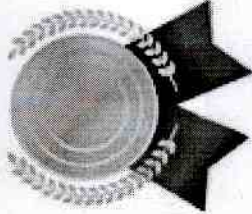
To validate and check scores: <http://nptel.ac.in/noc>



Elite

NPTEL Online Certification

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



This certificate is awarded to

RUKHSAR ZAFAR

for successfully completing the course

PRINCIPLES OF MODERN CDMA/ MIMO/ OFDM WIRELESS COMMUNICATIONS

with a consolidated score of **90 %**

Online Assignments	23.75/25	Proctored Exam	66/75
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T V Prabhakar

Prof. T. V. Prabhakar

Chairman

Centre for Continuing Education, IITK

Jul to Sep 2016
(20 hour course)

Satyaki Roy

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur

Roll No: NPTEL16EC1918390013

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