

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

Roll No: NPTEL20BT39S41820035

To
ADHEENA R S
ANANDU NIVAS
POONTHOTTAM JN, ANAYAM, ANAKOTTOOR PO,
KOTTARAKKARA
KOLLAM
KERALA - 691505
PH. NO :7510533372



Score	Type 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

ADHEENA R S

for successfully completing the course

Wildlife Conservation

with a consolidated score of **75** %

Online Assignments	22.50/25	Proctored Exam	52/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 488

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

Sep-Nov 2020
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



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

Roll No: NPTEL20BT29S61820007

To
ARSHA A S
MINI COTTAGE
VAIDYASALA NAGAR 369
ASRAMAM P O KOLLAM
KERALA - 691002
PH. NO :9605304835



Score	Type 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.



NPTEL Online Certification

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



This certificate is awarded to

ARSHA A S

for successfully completing the course

Biomedical Nanotechnology

with a consolidated score of **55** %

Online Assignments	25.00/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **733**

Prof. V. C. Srivastava

Coordinator, Continuing Education Centre
IIT Roorkee

Sep-Oct 2020
(4 week course)

Prof. Inderdeep Singh

NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL20CY19S51820117

To
ABHIJITH S
SIVA SAILAM
KERALAPURAM VELLIMON P O
KOLLAM
KERALA - 691511
PH. NO :9995210520



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

No. of credits recommended by NPTEL:3

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



Elite

NPTEL Online Certification

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



This certificate is awarded to

ABHIJITH S

for successfully completing the course

**Co-Ordination Chemistry
(Chemistry of Transition Elements)**

with a consolidated score of **72** %

Online Assignments	19.53/25	Proctored Exam	52.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 212

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

Sep-Dec 2020
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



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

Roll No: NPTEL20PH15S71820040

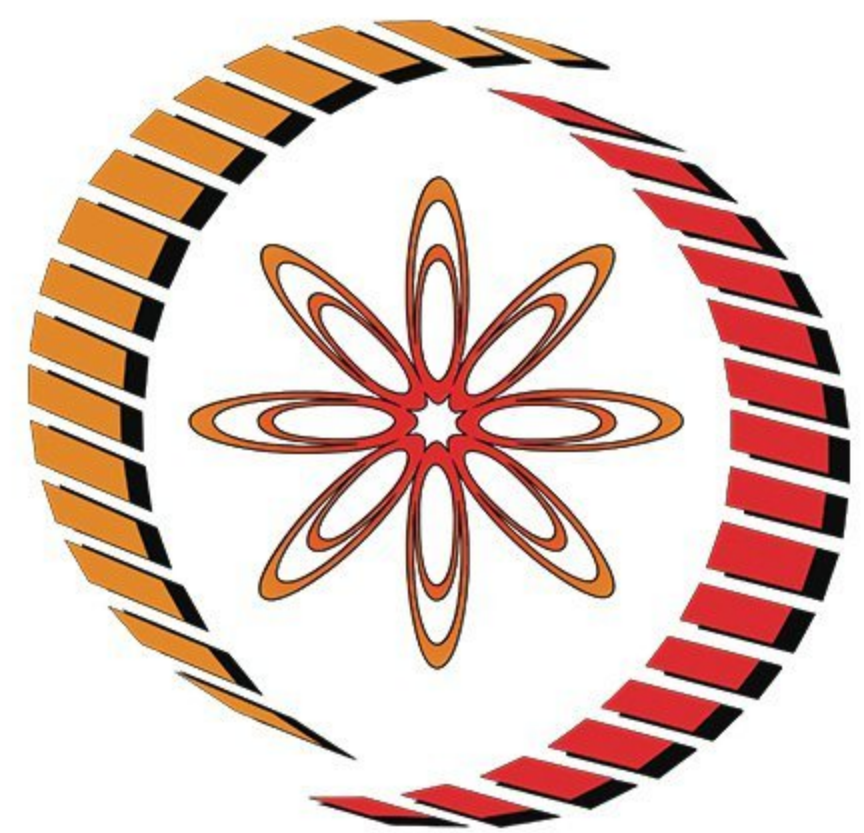
To
ABHINANDANA B
KUZHIKKANATHU VADAKKATHIL
SARAYOO NAGAR 118,ASRAMAM, KOLLAM 2
KOLLAM
KERALA - 691002
PH. NO :9497836358



Score	Type 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
ABHINANDANA B
for successfully completing the course



Solid State Physics

with a consolidated score of **78** %

Online Assignments	22.53/25	Proctored Exam	55.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 166

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

Sep-Dec 2020
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



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

Roll No: NPTEL20BT29S61820197

To
ABHIRAM MOHAN
KARUVILA VEEDU, PALLIMON PO
KOLLAM, PIN:691576
KARUVILA VEEDU
KOLLAM
KERALA - 691576
PH. NO :9846836914



Score	Type 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

ABHIRAM MOHAN

for successfully completing the course

Biomedical Nanotechnology

with a consolidated score of **65** %

Online Assignments	21.67/25	Proctored Exam	43.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **733**

Prof. V. C. Srivastava

Coordinator, Continuing Education Centre
IIT Roorkee

Sep-Oct 2020
(4 week course)

Prof. Inderdeep Singh

NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL20BT35S82440001

To
JS AISWARYA
CHAITHRAM
KATTAPPARAMBU, VANCHIYOOR POST
ALAMCODE
KERALA - 695102
PH. NO :6235096467



Score	Type 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

JS AISWARYA

for successfully completing the course

Introduction to Developmental Biology

with a consolidated score of **55** %

Online Assignments	18.03/25	Proctored Exam	36.75/75
--------------------	----------	----------------	----------

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

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

Sep-Dec 2020
(12 week course)

Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



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

Roll No: NPTEL20BT43S72440230

To
JS AISWARYA
CHAITHRAM
KATTAPPARAMBU, VANCHIYOOR POST
ALAMCODE
KERALA - 695102
PH. NO :6235096467



Score	Type 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

JS AISWARYA

for successfully completing the course

Immunology

with a consolidated score of **53** %

Online Assignments	18.13/25	Proctored Exam	35.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **352**

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

Sep-Dec 2020
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



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

Roll No: NPTEL20BT32S51820116

To
ANJANA AJAYAN
ANJU NIVAS
CHAVARA SOUTH
KOLLAM
KERALA - 691584
PH. NO :9567949506



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

No. of credits recommended by NPTEL:3

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



NPTEL Online Certification

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



This certificate is awarded to

ANJANA AJAYAN

for successfully completing the course

Genetic Engineering: Theory and Application

with a consolidated score of **52** %

Online Assignments	21.25/25	Proctored Exam	30.75/75
--------------------	----------	----------------	----------

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

Sep-Dec 2020
(12 week course)

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



Indian Institute of Technology Guwahati



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

Roll No: NPTEL20BT29S61820207

To
AKHILA PRASAD
AKHILA BHAVAN
VELAMANNOOR PO
PARIPPALLY
KERALA - 691574
PH. NO :7994567614



Score	Type 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

AKHILA PRASAD

for successfully completing the course

Biomedical Nanotechnology

with a consolidated score of **65** %

Online Assignments	25.00/25	Proctored Exam	39.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **733**

Prof. V. C. Srivastava

Coordinator, Continuing Education Centre
IIT Roorkee

Sep-Oct 2020
(4 week course)

Prof. Inderdeep Singh

NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL20CY26S41820047

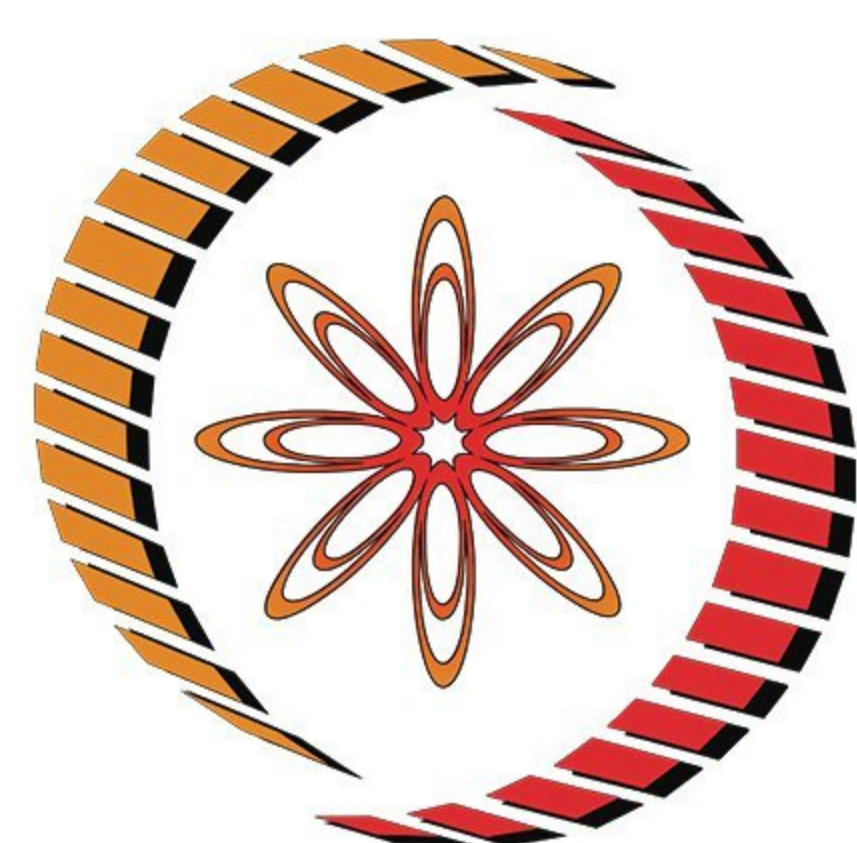
To
AKHIL V S
SREE VINAYAK
KALLUPALAKKADA PERUMPUZHA P O
KOLLAM
KERALA - 691504
PH. NO :7736576238



Score	Type 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

AKHIL V S

for successfully completing the course

Mechanisms in Organic Chemistry

with a consolidated score of **41** %

Online Assignments	10.38/25	Proctored Exam	30.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 95

Sep-Nov 2020
(8 week course)

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



Indian Institute of Technology Bombay



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

Roll No: NPTEL20CY30S71820153

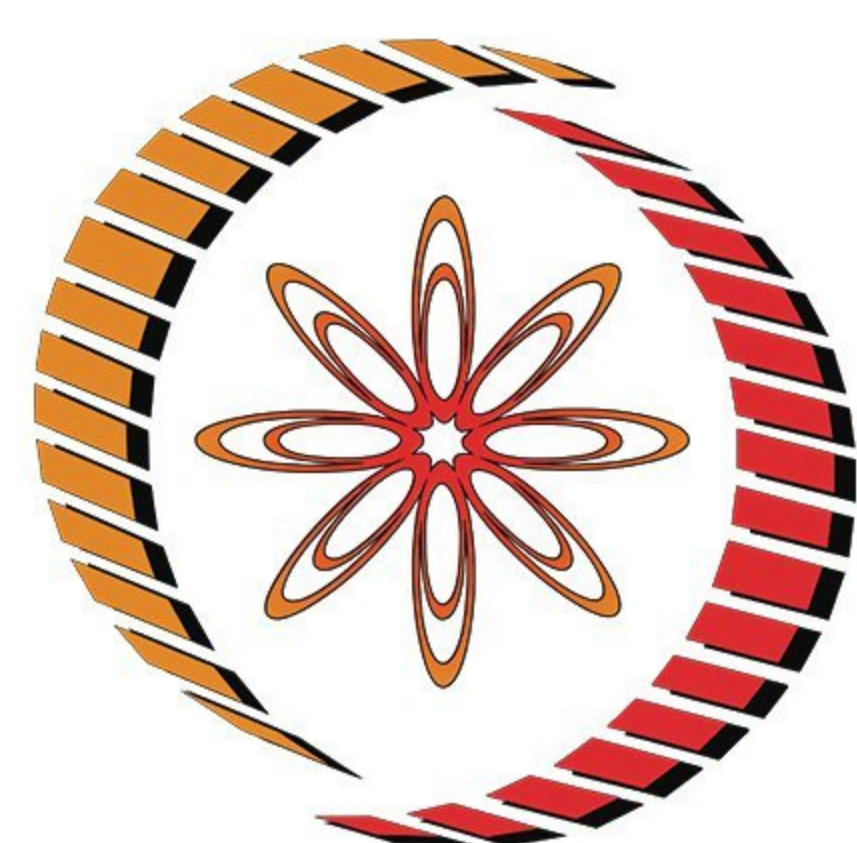
To
AKSHAYA S ASOK
KAILASAM
KUZHIMATHICADU P.O
KOLLAM
KERALA - 691509
PH. NO :8590498029



Score	Type 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

AKSHAYA S ASOK

for successfully completing the course

Introductory Organic Chemistry - I

with a consolidated score of **51** %

Online Assignments	21.25/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 177

Prof. Harinath Chakrapani

Dean, International Relations and Outreach
IISER Pune

Sep-Nov 2020
(8 week course)

Prof. Andrew Thangaraj

NPTEL Coordinator
IIT Madras



IISER - Indian Institute of Science Education
and Research Pune



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

Roll No: NPTEL20BT29S61820215

To
AMRITHA NAIR
AMRITHA NIVAS
M.R.LANE, MARKET ROAD, ATTINGAL P.O
TRIVANDRUM
KERALA - 695101
PH. NO :8139074541



Score	Type 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

AMRITHA NAIR

for successfully completing the course



Biomedical Nanotechnology

with a consolidated score of **79** %

Online Assignments	25.00/25	Proctored Exam	54/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **733**

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

Sep-Oct 2020
(4 week course)

Prof. Inderdeep Singh
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL20HS52S81820080

To
AMRUTHA ANILKUMAR
POIKAVILA VEEDU
KOTTARA
MEEYANNOOR PO
KERALA - 691537
PH. NO :9061566931



Score	Type 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
AMRUTHA ANILKUMAR
for successfully completing the course

History of English Language and Literature

with a consolidated score of **70** %

Online Assignments	25.00/25	Proctored Exam	44.63/75
--------------------	----------	----------------	----------

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **293**

Sep-Dec 2020
(12 week course)

Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



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

Roll No: NPTEL20BT29S61820223

To
ANJALI B R
ANJALI
NEELESWARAM P.O, KOTTARAKARA
KOLLAM
KERALA - 691505
PH. NO :7356851581



Score	Type 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.



NPTEL Online Certification

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



This certificate is awarded to

ANJALI B R

for successfully completing the course

Biomedical Nanotechnology

with a consolidated score of **56** %

Online Assignments	25.00/25	Proctored Exam	30.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **733**

Prof. V. C. Srivastava

Coordinator, Continuing Education Centre
IIT Roorkee

Sep-Oct 2020
(4 week course)

Prof. Inderdeep Singh

NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL20MA34S71820030

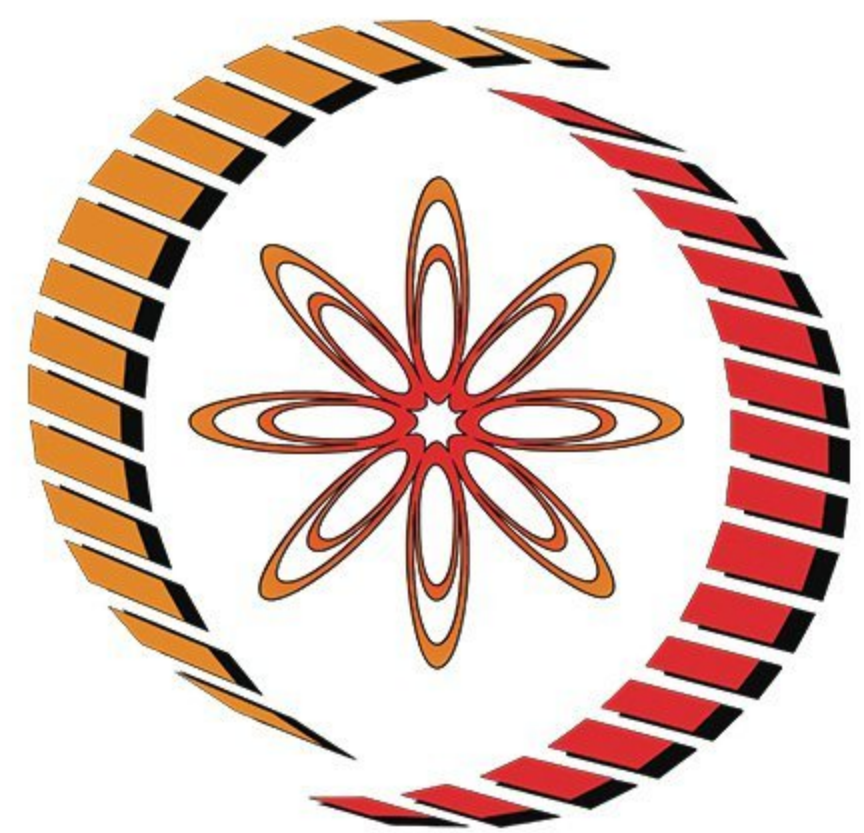
To
ANJANA S
ERATHU MELATHIL VEEDU
AMBALAMKUNNU, MYLODE
KOLLAM
KERALA - 691537
PH. NO :9400958200



Score	Type 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

ANJANA S

for successfully completing the course



Matrix Analysis with Applications

with a consolidated score of **79** %

Online Assignments	23.33/25	Proctored Exam	55.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **159**

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



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

Roll No: NPTEL20MA34S71820054

To
ANJU R
ANJU BHAVAN, NELLIMUKAL PO,
MUNDAPPALLY, ADOOR
PATHANAMTHITTA
KERALA - 691551
PH. NO :9747181544



Score	Type 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

ANJU R

for successfully completing the course

Matrix Analysis with Applications

with a consolidated score of **67** %

Online Assignments	24.58/25	Proctored Exam	42.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **159**

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



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

Roll No: NPTEL20BT29S61820231

To
ANUJA S
SANTHIBHAVAN
MATHRIKA NAGAR 57A, ULIAKOVIL
KOLLAM
KERALA - 691019
PH. NO :6235768538

Score	Type 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.



NPTEL Online Certification

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



This certificate is awarded to

ANUJA S

for successfully completing the course

Biomedical Nanotechnology

with a consolidated score of **55** %

Online Assignments	25.00/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **733**

Prof. V. C. Srivastava

Coordinator, Continuing Education Centre
IIT Roorkee

Sep-Oct 2020
(4 week course)

Prof. Inderdeep Singh

NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL20BT29S61820111

To
ANU KRISHNA K R
HOUSE NO.2, MAHESWARI MANSION
BEHIND CANARA BANK, THAMARKULAM
KOLLAM
KERALA - 691001
PH. NO :7510670811



Score	Type 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
ANU KRISHNA K R

for successfully completing the course



Biomedical Nanotechnology

with a consolidated score of **77** %

Online Assignments	25.00/25	Proctored Exam	51.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **733**

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

Sep-Oct 2020
(4 week course)

Prof. Inderdeep Singh
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL20PH17S72440122

To
ANUPAMA A C
ANASWARA
CHANI, KANJIRAMKULAM P O
THIRUVANANTHAPURAM
KERALA - 695524
PH. NO :9496250066



Score	Type 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

ANUPAMA A C

for successfully completing the course

Introduction to Classical Mechanics

with a consolidated score of **62** %

Online Assignments	15.94/25	Proctored Exam	45.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 53

Prof. B Umashankar

Chairperson, Centre for Continued Education (CCE)
IIT Hyderabad

Sep-Dec 2020
(12 week course)

Prof. Andrew Thangaraj

NPTEL Coordinator
IIT Madras



भारतीय प्रौद्योगिकी संस्थान हैदराबाद
Indian Institute of Technology Hyderabad



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

Roll No: NPTEL20PH15S71820065

To
ARAVIND S LAL
KALABHAVAN(H)
EDAKULAM P.O
RANNY
KERALA - 689672
PH. NO :8113894868



Score	Type 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
ARAVIND S LAL
for successfully completing the course

Solid State Physics

with a consolidated score of **58** %

Online Assignments	20.63/25	Proctored Exam	37.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 166

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

Sep-Dec 2020
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



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

Roll No: NPTEL20BT32S51820211

To
ARCHA DILEEP
DEEPA NIVAS
SARAVANA NAGAR -302, ERAVIPURAM
KOLLAM
KERALA - 691011
PH. NO :7594823703



Score	Type 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

ARCHA DILEEP

for successfully completing the course

Genetic Engineering: Theory and Application

with a consolidated score of **66** %

Online Assignments	21.06/25	Proctored Exam	44.63/75
--------------------	----------	----------------	----------

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

Sep-Dec 2020
(12 week course)

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



Indian Institute of Technology Guwahati



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

Roll No: NPTEL20CY26S41820121

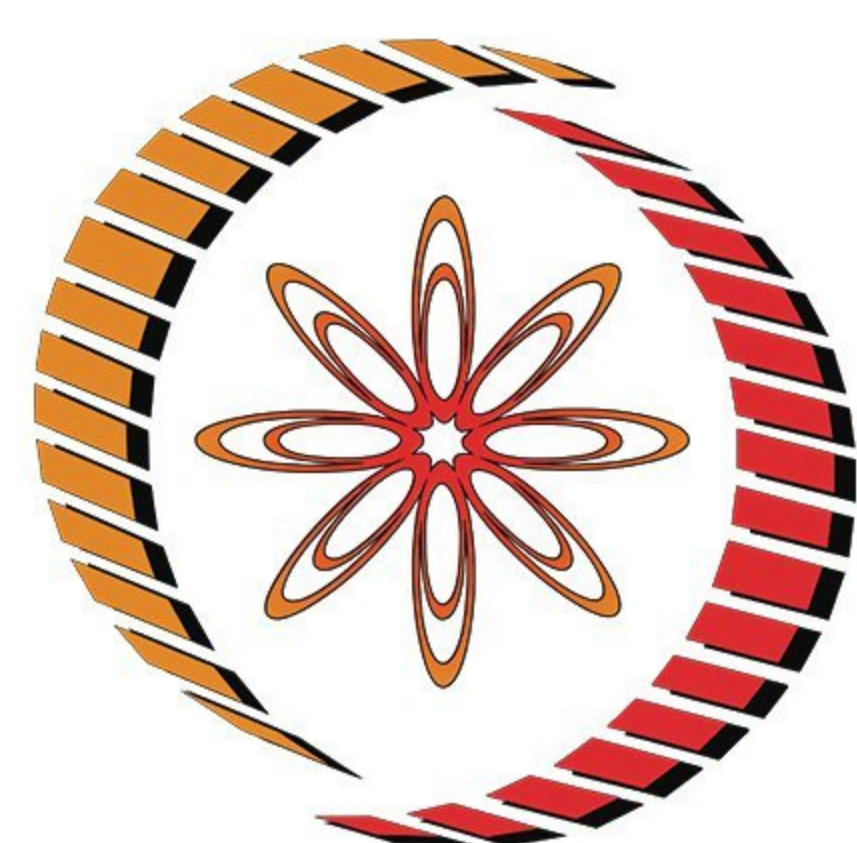
To
ARJUN J
DEVAGEETHAM
KONGAL
PARAVUR
KERALA - 691301
PH. NO :9656436317



Score	Type 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

ARJUN J

for successfully completing the course

Mechanisms in Organic Chemistry

with a consolidated score of **57** %

Online Assignments	20.96/25	Proctored Exam	36.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 95

Sep-Nov 2020
(8 week course)

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



Indian Institute of Technology Bombay



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

Roll No: NPTEL20BT31S72440278

To
ARYA RAJAN
RADHA MANDIRAM
VELLOORKONAM KADUVAYIL ATTINGAL P O
TRIVANDRUM
KERALA - 695101
PH. NO :7025415798



Score	Type 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

ARYA RAJAN

for successfully completing the course

Experimental Biotechnology

with a consolidated score of **51** %

Online Assignments	14.50/25	Proctored Exam	36/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **370**

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: NPTEL20BT29S61820239

To
ARYA SHA
PLAVILA PUTHEN VEEDU
PAVITHRESWARAM
KOLLAM
KERALA - 691507
PH. NO :7510380341



Score	Type 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.



NPTEL Online Certification

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



This certificate is awarded to

ARYA SHA

for successfully completing the course

Biomedical Nanotechnology

with a consolidated score of **48** %

Online Assignments	17.50/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **733**

Prof. V. C. Srivastava

Coordinator, Continuing Education Centre
IIT Roorkee

Sep-Oct 2020
(4 week course)

Prof. Inderdeep Singh

NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL20CY19S51820227

To
ARYA SUNIL
SARADA
NEDUNGANDA PO
VARKALA
KERALA - 695307
PH. NO :7994607144



Score	Type 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

ARYA SUNIL

for successfully completing the course

**Co-Ordination Chemistry
(Chemistry of Transition Elements)**

with a consolidated score of **53** %

Online Assignments	18.50/25	Proctored Exam	34.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **212**

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

Sep-Dec 2020
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



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

Roll No: NPTEL20HS52S81820094

To
ARYA V S
CHARUVILA PUTHEN VEEDU
THAZHAM SOUTH CHATHANNOOR P O
KOLLAM
KERALA - 691572
PH. NO :7736617646



Score	Type 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

ARYA V S

for successfully completing the course

History of English Language and Literature

with a consolidated score of **67** %

Online Assignments	25.00/25	Proctored Exam	42/75
--------------------	----------	----------------	-------

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **293**

Sep-Dec 2020
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



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

Roll No: NPTEL20CY29S41820033

To
ASIYA A S
THEKKEPALAVILA
VEEDU, PADANILAM, THATTAMALA P.O
KOLLAM
KERALA - 691020
PH. NO :9188253601



Score	Type 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

ASIYA A S

for successfully completing the course

Metals in Biology

with a consolidated score of **72** %

Online Assignments	23.96/25	Proctored Exam	48/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 78

Sep-Nov 2020
(8 week course)

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



Indian Institute of Technology Bombay



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

Roll No: NPTEL20MA34S71820083

To
ASWATHY A
ARATHY BHAVAN
EDAVATTOM, CHIRAKKARA PO
KOLLAM
KERALA - 691578
PH. NO :7012868255



Score	Type 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

ASWATHY A

for successfully completing the course



Matrix Analysis with Applications

with a consolidated score of **79** %

Online Assignments	24.17/25	Proctored Exam	54.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **159**

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



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

Roll No: NPTEL20HS43S81820073

To
ATHIRA S R
PALLAKKARANTAZHIKAM
VIKAS NAGAR 101 PATTATHANAM PO
KOLLAM
KERALA - 691021
PH. NO :9633669512



Score	Type 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

ATHIRA S R

for successfully completing the course



Developing Soft Skills and Personality

with a consolidated score of **84** %

Online Assignments	22.58/25	Proctored Exam	61.76/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 8393

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

Sep-Nov 2020
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



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

Roll No: NPTEL20MA34S71820095

To
ATHIRA A
ARATHY BHAVAN
EDAVATTOM, CHIRAKKARA PO
KOLLAM
KERALA - 691578
PH. NO :8075020059



Score	Type 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

ATHIRA A

for successfully completing the course



Matrix Analysis with Applications

with a consolidated score of **90** %

Online Assignments	24.17/25	Proctored Exam	65.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **159**

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



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

Roll No: NPTEL20BT29S61820247

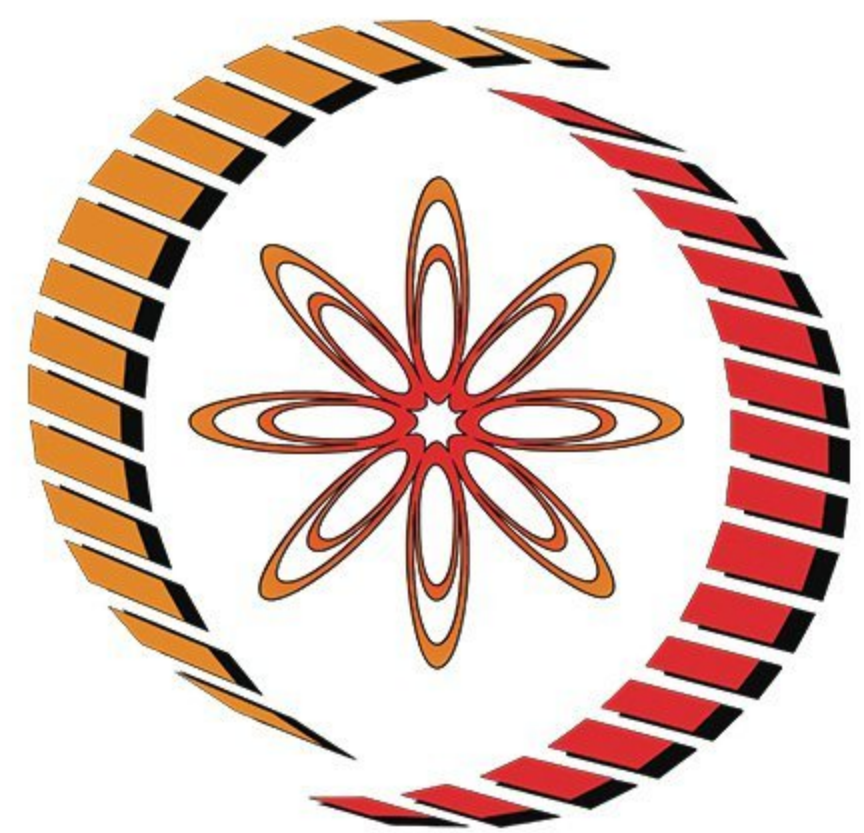
To
ATHULYA RAJ
THUSHARAM
PALAYAMKUNNU (P.O), VARKALA
TRIVANDRUM
KERALA - 695146
PH. NO :9895665806



Score	Type 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

ATHULYA RAJ

for successfully completing the course



Biomedical Nanotechnology

with a consolidated score of **78** %

Online Assignments	25.00/25	Proctored Exam	52.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **733**

Prof. V. C. Srivastava

Coordinator, Continuing Education Centre
IIT Roorkee

Sep-Oct 2020
(4 week course)

Prof. Inderdeep Singh

NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL20CY29S41820114

To
AVANTHIKA S KUMAR
AVANTHIKA CHIRAYIL MANGALATHU
NEERAVIL
PERINAD P O KOLLAM
KERALA - 691601
PH. NO :7356431868



Score	Type 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
AVANTHIKA S KUMAR
for successfully completing the course



Metals in Biology

with a consolidated score of **79** %

Online Assignments	23.92/25	Proctored Exam	55.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **78**

Sep-Nov 2020
(8 week course)

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



Indian Institute of Technology Bombay



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

Roll No: NPTEL20CY19S51820238

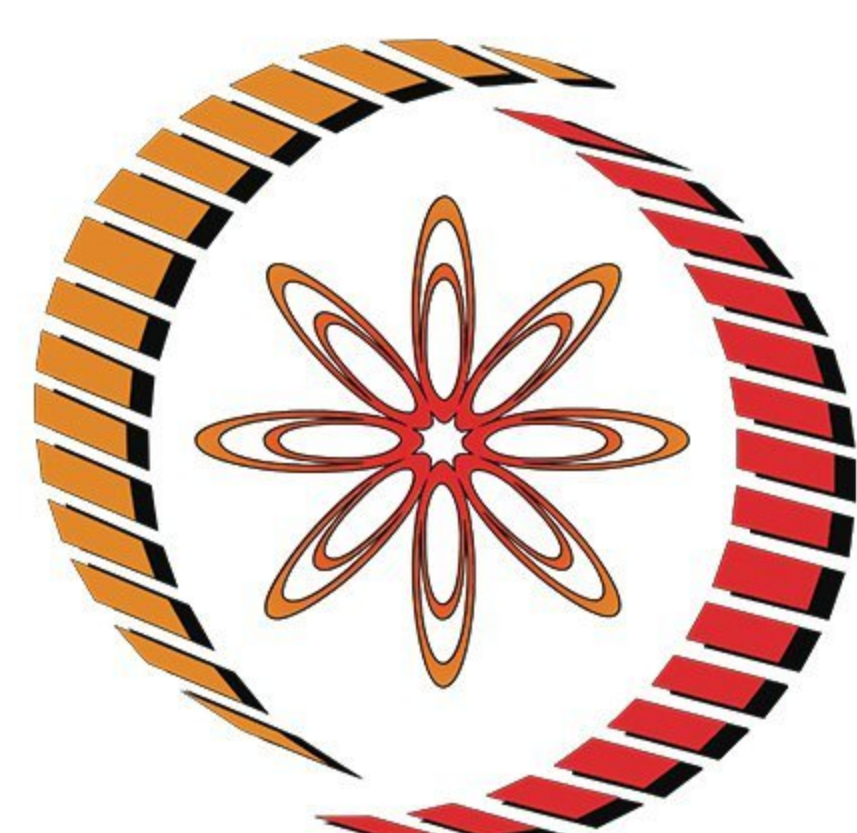
To
KRISHNARAJ T S
SUKRITHI, VIKAS NAGAR - 174A
PATTATHANAM P O, KOLLAM
KOLLAM
KERALA - 691021
PH. NO :8281518986



Score	Type 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

KRISHNARAJ T S

for successfully completing the course

**Co-Ordination Chemistry
(Chemistry of Transition Elements)**

with a consolidated score of **67** %

Online Assignments	21.91/25	Proctored Exam	45/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 212

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

Sep-Dec 2020
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



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

Roll No: NPTEL20CY26S41820149

To
KRISHNARAJ T S
SUKRITHI, VIKAS NAGAR - 174A
PATTATHANAM P O, KOLLAM
KOLLAM
KERALA - 691021
PH. NO :8281518986



Score	Type 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

KRISHNARAJ T S

for successfully completing the course

Mechanisms in Organic Chemistry

with a consolidated score of **60** %

Online Assignments	20.96/25	Proctored Exam	39.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 95

Sep-Nov 2020
(8 week course)

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



Indian Institute of Technology Bombay



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

Roll No: NPTEL20HS80S71820202

To
AVANI AKASH
KUMUDA VILAS
KAYIKKARA P O
TRIVANDRUM
KERALA - 695307
PH. NO :7558814668



Score	Type 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

AVANI AKASH

for successfully completing the course



Cognition, Transformation and Lives

with a consolidated score of **84** %

Online Assignments	24.17/25	Proctored Exam	60/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 92

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

Sep-Oct 2020
(4 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



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

Roll No: NPTEL20BT29S61820253

To
BEEGAM NAZRIN
A.S.N.COTTAGE
ALAMCODE P.O, ATTINGAL
TRIVANDRUM
KERALA - 695102
PH. NO :7994929693



Score	Type 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

BEEGAM NAZRIN

for successfully completing the course

Biomedical Nanotechnology

with a consolidated score of **64** %

Online Assignments	25.00/25	Proctored Exam	39/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **733**

Prof. V. C. Srivastava

Coordinator, Continuing Education Centre
IIT Roorkee

Sep-Oct 2020
(4 week course)

Prof. Inderdeep Singh

NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL20CY35S51820023

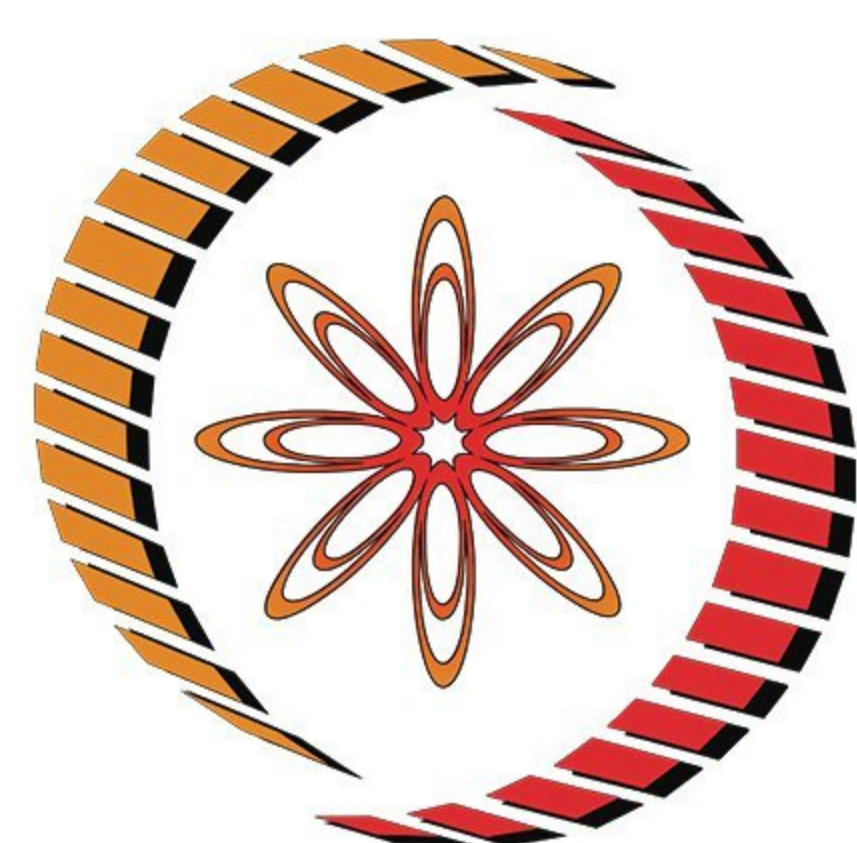
To
CHITHIRA KRISHNAN
CHITHIRA
THAMALLACKAL P O KUMARAPURAM
ALAPPUZHA
KERALA - 690548
PH. NO :7306314885



Score	Type 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
CHITHIRA KRISHNAN
for successfully completing the course

Reagents in Organic Synthesis

with a consolidated score of **70** %

Online Assignments	23.06/25	Proctored Exam	46.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 103

Sep-Dec 2020
(12 week course)

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



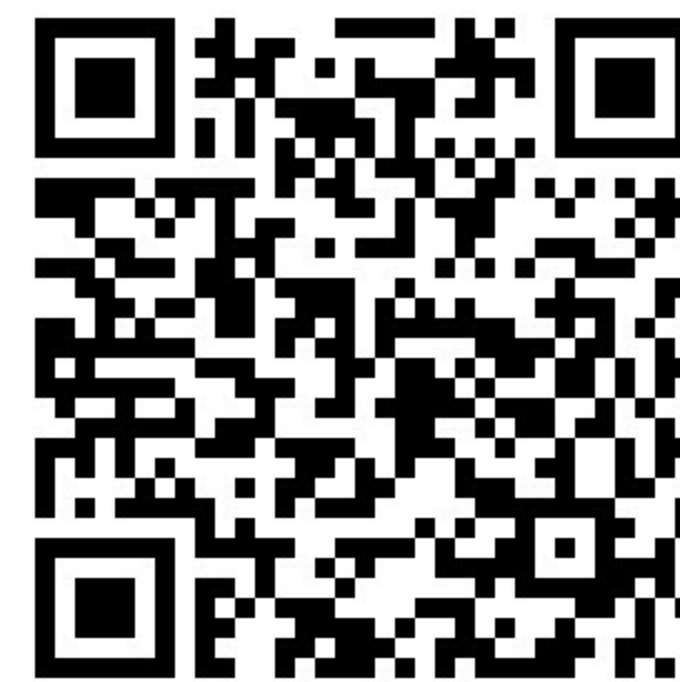
Indian Institute of Technology Guwahati



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: NPTEL20BT29S61820259

To
BHOOMIKA S
INCHAKKATTU
VILAKKUVETOM PO
PUNALUR
KERALA - 691331
PH. NO :9544527015



Score	Type 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

BHOOMIKA S

for successfully completing the course



Biomedical Nanotechnology

with a consolidated score of **81** %

Online Assignments	25.00/25	Proctored Exam	56.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **733**

Prof. V. C. Srivastava

Coordinator, Continuing Education Centre
IIT Roorkee

Sep-Oct 2020
(4 week course)

Prof. Inderdeep Singh

NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL20HS61S51820202

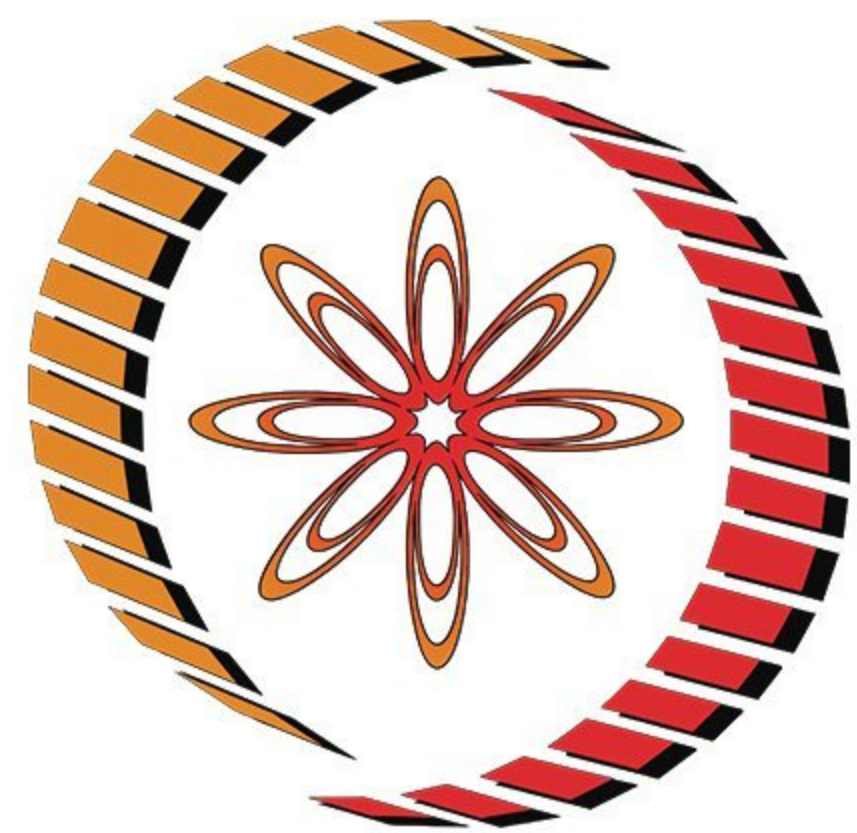
To
BODHI A S
SREEKULAM
ANCHALUMOOD, PERINAD PO
KOLLAM
KERALA - 691601
PH. NO :9495266781



Score	Type 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

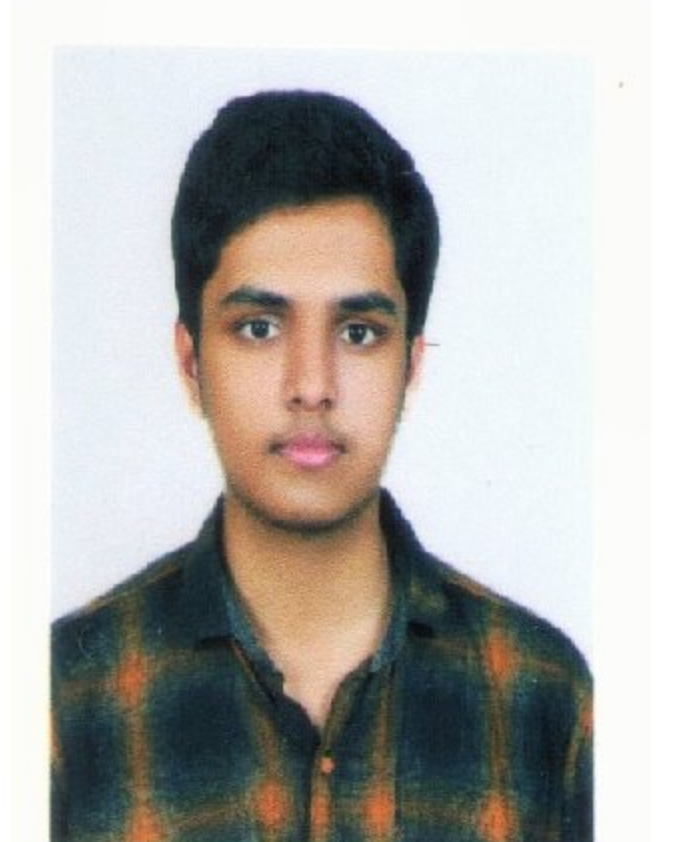
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

NPTEL Online Certification

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



This certificate is awarded to

BODHI A S

for successfully completing the course

Introduction to Western Political Thought

with a consolidated score of **72** %

Online Assignments	20.63/25	Proctored Exam	51/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 185

Sep-Dec 2020
(12 week course)

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



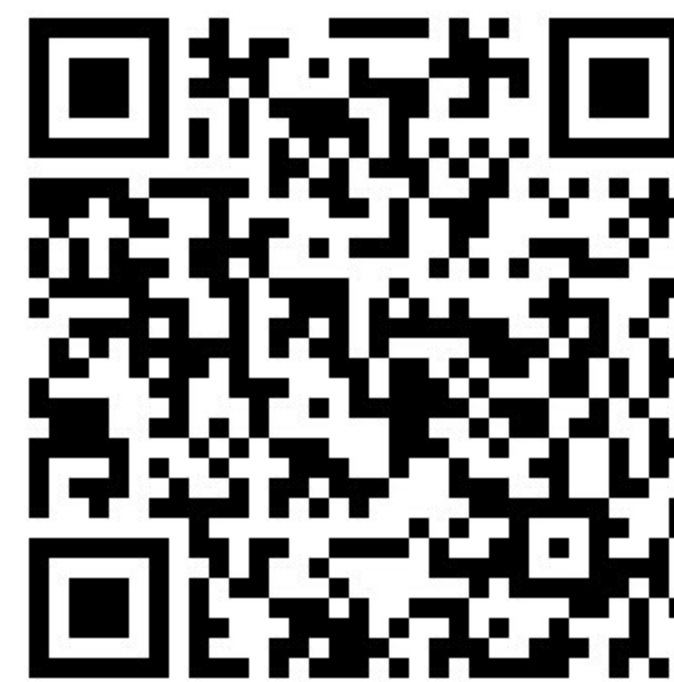
Indian Institute of Technology Guwahati



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: NPTEL20BT29S61820271

To
CHANDHANA SHEKHAR
RADHA NIVAS
TRA-95, THIRUMULLAVARAM
KOLLAM
KERALA - 691012
PH. NO :8129179741



Score	Type 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
CHANDHANA SHEKHAR
for successfully completing the course



Biomedical Nanotechnology

with a consolidated score of **81** %

Online Assignments	25.00/25	Proctored Exam	56.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **733**

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

Sep-Oct 2020
(4 week course)

Prof. Inderdeep Singh
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL20HS52S71820407

To
DEVIKA S KUMAR
NARAYANAMANDIRAM
VELLIMON WEST, KUNDARA
KOLLAM
KERALA - 691511
PH. NO :9847435341



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

No. of credits recommended by NPTEL:3

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



Elite

NPTEL Online Certification

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



This certificate is awarded to
DEVIKA S KUMAR
for successfully completing the course

History of English Language and Literature

with a consolidated score of **79** %

Online Assignments	21.88/25	Proctored Exam	57/75
--------------------	----------	----------------	-------

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **293**

Sep-Dec 2020
(12 week course)

Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



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

Roll No: NPTEL20HS52S81820008

To
DURGA S
SREE DURGA, MELOOTTU MELATHIL,
THATHAMUKKU
PUNUKKANNOOR, PERUMPUZHA P.O;
KOLLAM
KERALA - 691504
PH. NO :9495539538



Score	Type 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

DURGA S

for successfully completing the course

History of English Language and Literature

with a consolidated score of **62** %

Online Assignments	24.69/25	Proctored Exam	37.13/75
--------------------	----------	----------------	----------

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **293**

Sep-Dec 2020
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



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

Roll No: NPTEL20CY29S41820142

To
HIMA PRASAD
MELEVILA PUTHEN VEEDU, CHAVADIMUKKU,
MUTTAPPALAM P.O,VARKALA,
THIRUVANANTHAPURAM,KERALA
KERALA - 695145
PH. NO :9048002186



Score	Type 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

HIMA PRASAD

for successfully completing the course



Metals in Biology

with a consolidated score of **75** %

Online Assignments	23.92/25	Proctored Exam	51/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **78**

Sep-Nov 2020
(8 week course)

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



Indian Institute of Technology Bombay



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

Roll No: NPTEL20BT29S61820125

To
ILA KRISHNAN
NARAYANA MANDIRAM
ASRAMAM
KOLLAM
KERALA - 691002
PH. NO :6238976584



Score	Type 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

ILA KRISHNAN

for successfully completing the course

Biomedical Nanotechnology

with a consolidated score of **73** %

Online Assignments	25.00/25	Proctored Exam	48/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **733**

Prof. V. C. Srivastava

Coordinator, Continuing Education Centre
IIT Roorkee

Sep-Oct 2020
(4 week course)

Prof. Inderdeep Singh

NPTEL Coordinator
IIT Roorkee



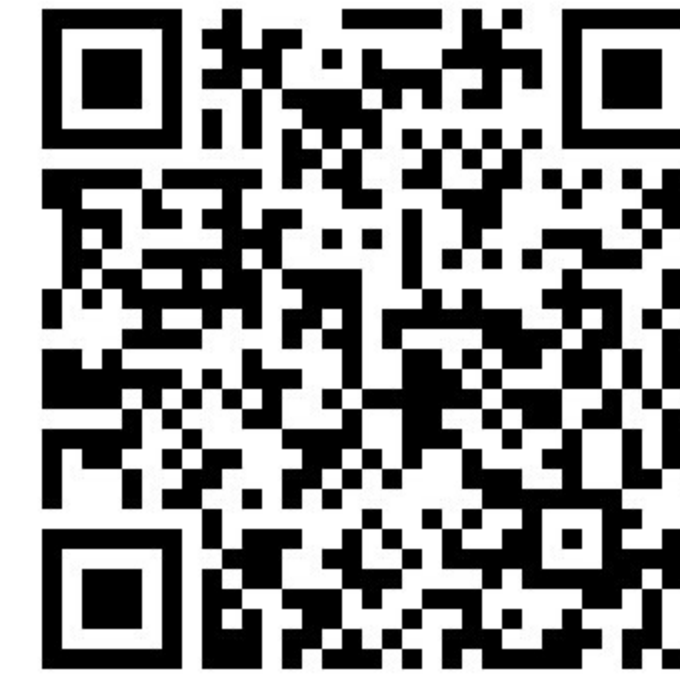
Indian Institute of Technology Roorkee



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

Roll No: NPTEL20LW02S71820048

To
JYOLSNA S
CHIRACKAL HOUSE
NEENDAKARA PUTHENTHURA PO
KOLLAM
KERALA - 691582
PH. NO :9633071864



Score	Type 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

JYOLSNA S

for successfully completing the course

**Constitution of India and Environmental Governance:
Administrative and Adjudicatory Process**

with a consolidated score of **55** %

Online Assignments	19.25/25	Proctored Exam	36/75
--------------------	----------	----------------	-------

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **194**

Sep-Dec 2020
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



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

Roll No: NPTEL20CY19S51820247

To
KAVYA SATHEESH
ANANDA BHAVANAM
KALARI, PANMANA, CHAVARA P.O, KOLLAM
KOLLAM
KERALA - 691583
PH. NO :8138848183

Score	Type 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

KAVYA SATHEESH

for successfully completing the course

**Co-Ordination Chemistry
(Chemistry of Transition Elements)**

with a consolidated score of **51** %

Online Assignments	21.06/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 212

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

Sep-Dec 2020
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



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

Roll No: NPTEL20BT41S51820165

To
KAVYA S
KANNELIL
KOZHIKODU MEKKU SVM PO
KARUNAGAPPALLY
KERALA - 690573
PH. NO :8943483697



Score	Type 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

KAVYA S

for successfully completing the course

Nanotechnology in Agriculture

with a consolidated score of **65** %

Online Assignments	19.46/25	Proctored Exam	45.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 283

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

Sep-Nov 2020
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



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

Roll No: NPTEL20CY30S71820159

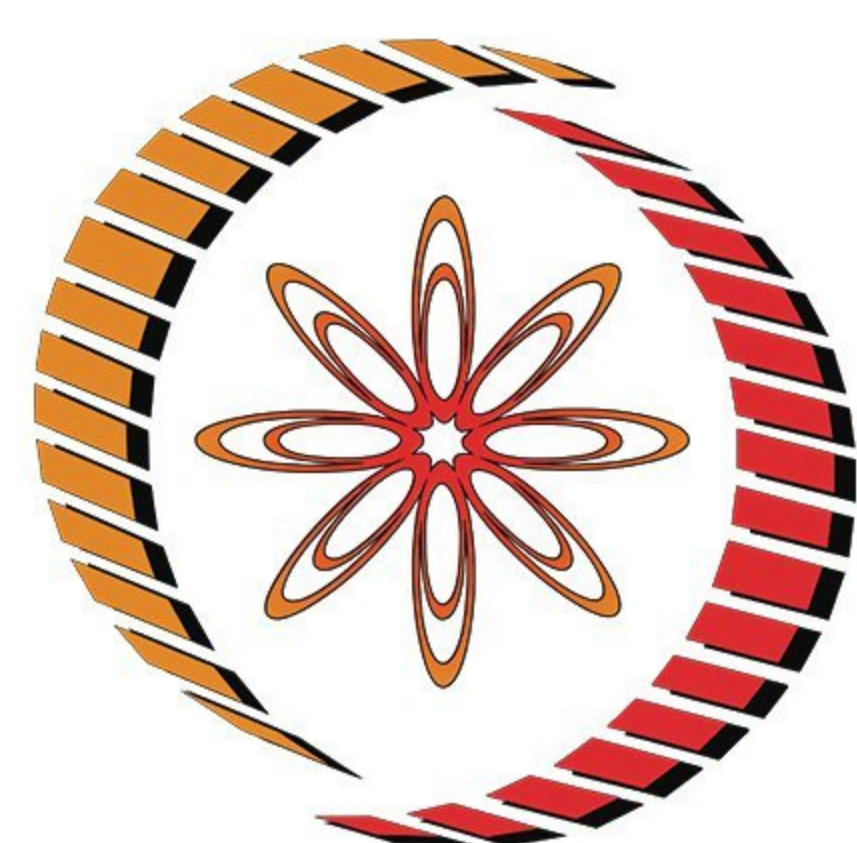
To
KRISHNANUNNI M
KALEECKAL KIZHAKATHIL
MANAKKARA, PO, SASTHAMCOTTAH
KOLLAM
KERALA - 690521
PH. NO :7306039822



Score	Type 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
KRISHNANUNNI M
for successfully completing the course

Introductory Organic Chemistry - I

with a consolidated score of **56** %

Online Assignments	16.25/25	Proctored Exam	39.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 177

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

Sep-Nov 2020
(8 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



IISER - Indian Institute of Science Education
and Research Pune



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

Roll No: NPTEL20BT31S72440016

To
LISHA AJITH
SNEHALAYAM, THOTTAKKADU
P.O, KALLAMBALAM, THIRUVANANTHAPURAM
KERALA - 695605
PH. NO : 7356656339



Score	Type 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

LISHA AJITH

for successfully completing the course

Experimental Biotechnology

with a consolidated score of **56** %

Online Assignments	21.22/25	Proctored Exam	34.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **370**

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: NPTEL20HS60S71820428

To
MADHURIMA M
THIRUVONAM
KALLUMTHAZHAM PO KOLLAM
KOLLAM
KERALA - 691004
PH. NO :9497336994



Score	Type 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

MADHURIMA M

for successfully completing the course

Soft Skills

with a consolidated score of **68** %

Online Assignments	22.91/25	Proctored Exam	45.38/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **3401**

Prof. V. C. Srivastava

Coordinator, Continuing Education Centre
IIT Roorkee

Sep-Dec 2020
(12 week course)

Prof. Inderdeep Singh

NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL20CY30S71820163

To
ANAKHA S
PUTHUVETTIL
MATHILIL P.O
KOLLAM
KERALA - 691601
PH. NO :7736238189



Score	Type 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

ANAKHA S

for successfully completing the course

Introductory Organic Chemistry - I

with a consolidated score of **63** %

Online Assignments	21.67/25	Proctored Exam	41.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 177

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

Sep-Nov 2020
(8 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



IISER - Indian Institute of Science Education
and Research Pune



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

Roll No: NPTEL20CH23S42440071

To
MIDHUN RAJ I
TC 50/2029 UTHRAM KARAKKADE LANE
KARAKKAMANDAPAM NEMOM P O
THIRUVANANTHAPURAM
KERALA - 695020
PH. NO :9895700853



Score	Type 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.



NPTEL Online Certification

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



This certificate is awarded to

MIDHUN RAJ I

for successfully completing the course

Infrared Spectroscopy for Pollution Monitoring

with a consolidated score of **56** %

Online Assignments	20.00/25	Proctored Exam	36/75
--------------------	----------	----------------	-------

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

Total number of candidates certified in this course: 30

Sep-Oct 2020
(4 week course)

Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore



Indian Institute of Science Bangalore



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

Roll No: NPTEL20PH15S71820170

To
NAYANA S S
SANTHOSH VIHAR, PARUTHIYARA, ODANAVATTOM
P.O,691512, KOLLAM, KERALA
SAINDHAVAM, MAVADY P.O, 691507, PUTHOOR,
KOLLAM, KERALA
KOLLAM
KERALA - 691512
PH. NO :7306295712



Score	Type 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
NAYANA S S
for successfully completing the course

Solid State Physics

with a consolidated score of **64** %

Online Assignments	19.19/25	Proctored Exam	45/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 166

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

Sep-Dec 2020
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



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

Roll No: NPTEL20CY20S31820102

To
NEENA SEKHAR
NEENA BHAVAN
MEENADU, NEDUNGOLAM PO
KOLLAM
KERALA - 691334
PH. NO :9744286864



Score	Type 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
NEENA SEKHAR
for successfully completing the course

Stereochemistry

with a consolidated score of **71** %

Online Assignments	16.71/25	Proctored Exam	54.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **56**

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



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

Roll No: NPTEL20BT42S71820229

To
PADMAASOK
PANAYILVEEDU,
NAVAIKULAM P O, NAVAIKULAM,
THIRUVANANTHAPURAM
KERALA - 695603
PH. NO :8129772036



Score	Type 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

PADMAASOK

for successfully completing the course

Animal Physiology

with a consolidated score of **54** %

Online Assignments	15.00/25	Proctored Exam	39/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 495

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

Sep-Dec 2020
(12 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



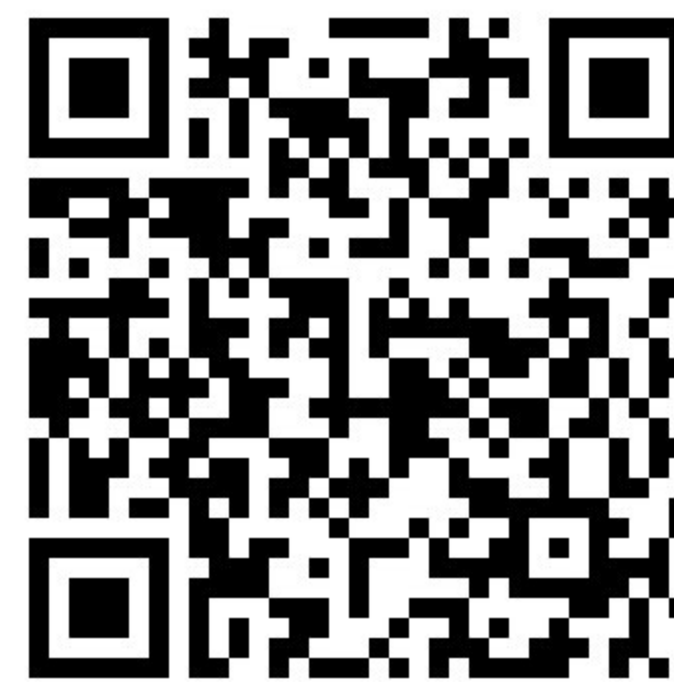
Indian Institute of Technology Kanpur



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

Roll No: NPTEL20BT29S61820151

To
PARVATHY R
ETTEKKAL PADINJARE THARA PADA SOUTH
KARUNAGAPPALLY
KARUNAGAPPALLY
KOLLAM
KERALA - 690518
PH. NO :7306136186



Score	Type 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

PARVATHY R

for successfully completing the course



Biomedical Nanotechnology

with a consolidated score of **78** %

Online Assignments	25.00/25	Proctored Exam	52.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **733**

Prof. V. C. Srivastava

Coordinator, Continuing Education Centre
IIT Roorkee

Sep-Oct 2020
(4 week course)

Prof. Inderdeep Singh

NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL20BT32S51820271

To
RUKSANA N
VELIKKADU KODIMEL KODI, ARAFA NAGAR -
106
ERAVIPURAM P.O.
KOLLAM
KERALA - 691011
PH. NO :7306298819



Score	Type 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

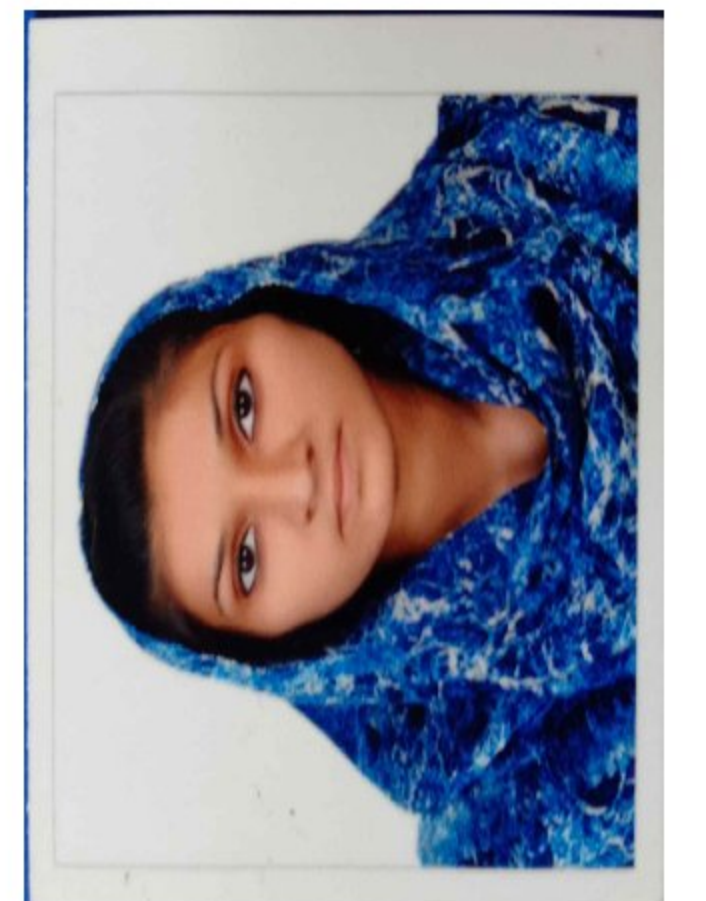
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

NPTEL Online Certification

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



This certificate is awarded to

RUKSANA N

for successfully completing the course

Genetic Engineering: Theory and Application

with a consolidated score of **64** %

Online Assignments	22.34/25	Proctored Exam	42/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 342

Sep-Dec 2020
(12 week course)

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



Indian Institute of Technology Guwahati



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

Roll No: NPTEL20BT39S41820143

To
SAJITHKUMAR K A
KAILAS
MALIBHAGOM CHAVARA SOUTH P O
KOLLAM
KERALA - 691584
PH. NO :9745533973



Score	Type 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
SAJITHKUMAR K A
for successfully completing the course

Wildlife Conservation

with a consolidated score of **62** %

Online Assignments	22.50/25	Proctored Exam	39/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 488

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

Sep-Nov 2020
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



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

Roll No: NPTEL20BT29S61820175

To
SANTHRA SUBASH
ESWRICHA
AKSHARA NAGAR 62.A, KUREPUZHA, KAVANADU
P.O
KOLLAM
KERALA - 691003
PH. NO :7558082238



Score	Type 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

SANTHRA SUBASH

for successfully completing the course

Biomedical Nanotechnology

with a consolidated score of **69** %

Online Assignments	25.00/25	Proctored Exam	44.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **733**

Prof. V. C. Srivastava

Coordinator, Continuing Education Centre
IIT Roorkee

Sep-Oct 2020
(4 week course)

Prof. Inderdeep Singh

NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL20BT29S61820288

To
SANIGA S KUMAR
SANIGA BHAVAN
KUDIKKODU, NEDUMONCAVU P.O
KOLLAM
KERALA - 691509
PH. NO :9495679842



Score	Type 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.



NPTEL Online Certification

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



This certificate is awarded to

SANIGA S KUMAR

for successfully completing the course

Biomedical Nanotechnology

with a consolidated score of **55** %

Online Assignments	25.00/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **733**

Prof. V. C. Srivastava

Coordinator, Continuing Education Centre
IIT Roorkee

Sep-Oct 2020
(4 week course)

Prof. Inderdeep Singh

NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL20PH15S71820213

To
SARANYA BABU
CHENATHU HOUSE
BANK ROAD KAYAMKULAM
ALAPPUZHA
KERALA - 690502
PH. NO :9995154591



Score	Type 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
SARANYA BABU
for successfully completing the course



Solid State Physics

with a consolidated score of **81** %

Online Assignments	21.41/25	Proctored Exam	60/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 166

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

Sep-Dec 2020
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



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

Roll No: NPTEL20HS43S71820498

To
PRIYA PRAKASH S
CHARUVILA PUTHEN VEEDU
ULIYANADU ,KARAMCODE P O
KOLLAM
KERALA - 691579
PH. NO :9895344614



Score	Type 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

PRIYA PRAKASH S

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of **61** %

Online Assignments	18.17/25	Proctored Exam	43.32/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 8393

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

Sep-Nov 2020
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



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

Roll No: NPTEL20MA34S71820011

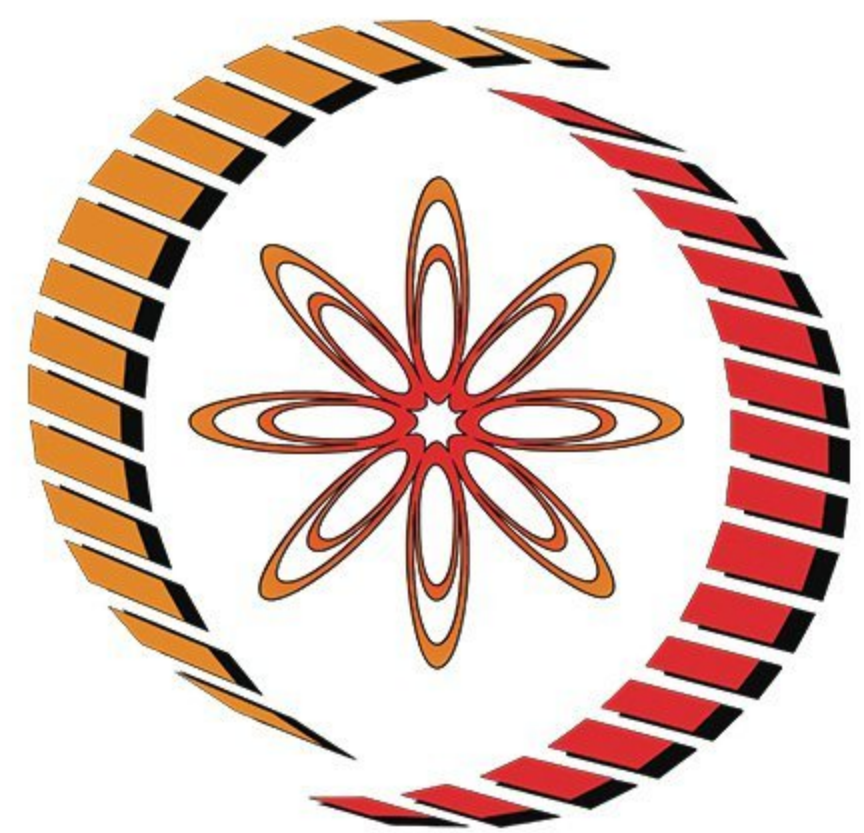
To
SHERIN GEORGE
KIDANGUVILA VADAKKATHIL
MANGAD PO
KOLLAM
KERALA - 691015
PH. NO :8137917252



Score	Type 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

SHERIN GEORGE

for successfully completing the course



Matrix Analysis with Applications

with a consolidated score of **77** %

Online Assignments	24.17/25	Proctored Exam	52.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **159**

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



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

Roll No: NPTEL20BT31S71820211

To
SHYMA N
EITTIPOYKAYIL
KARAMCODE P.O
KOLLAM
KERALA - 691579
PH. NO :6235636386



Score	Type 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

SHYMA N

for successfully completing the course

Experimental Biotechnology

with a consolidated score of **57** %

Online Assignments	22.31/25	Proctored Exam	34.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **370**

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: NPTEL20BT29S61820186

To
DR VINOD BS
RESMI
KARICODE, BHARAT NAGAR 14
KOLLAM
KERALA - 691005
PH. NO :9447144677



Score	Type 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 VINOD BS

for successfully completing the course



Biomedical Nanotechnology

with a consolidated score of **83** %

Online Assignments	24.17/25	Proctored Exam	59.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **733**

Prof. V. C. Srivastava

Coordinator, Continuing Education Centre
IIT Roorkee

Sep-Oct 2020
(4 week course)

Prof. Inderdeep Singh

NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL20CY30S71820173

To
A K SNEHA BABU
KAILASAM
ELAMPALLOOR
KOLLAM
KERALA - 691501
PH. NO :9074068066



Score	Type 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

A K SNEHA BABU

for successfully completing the course

Introductory Organic Chemistry - I

with a consolidated score of **64** %

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

Total number of candidates certified in this course: 177

Prof. Harinath Chakrapani

Dean, International Relations and Outreach
IISER Pune

Sep-Nov 2020
(8 week course)

Prof. Andrew Thangaraj

NPTEL Coordinator
IIT Madras



IISER - Indian Institute of Science Education
and Research Pune



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

Roll No: NPTEL20BT31S71820236

To
SOWMYA R
LEENA NIVAS
DECENT JUNCTION
KOLLAM
KERALA - 691577
PH. NO :9633825531



Score	Type 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

SOWMYA R

for successfully completing the course

Experimental Biotechnology

with a consolidated score of **60** %

Online Assignments	20.59/25	Proctored Exam	39.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **370**

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: NPTEL20CY30S71820175

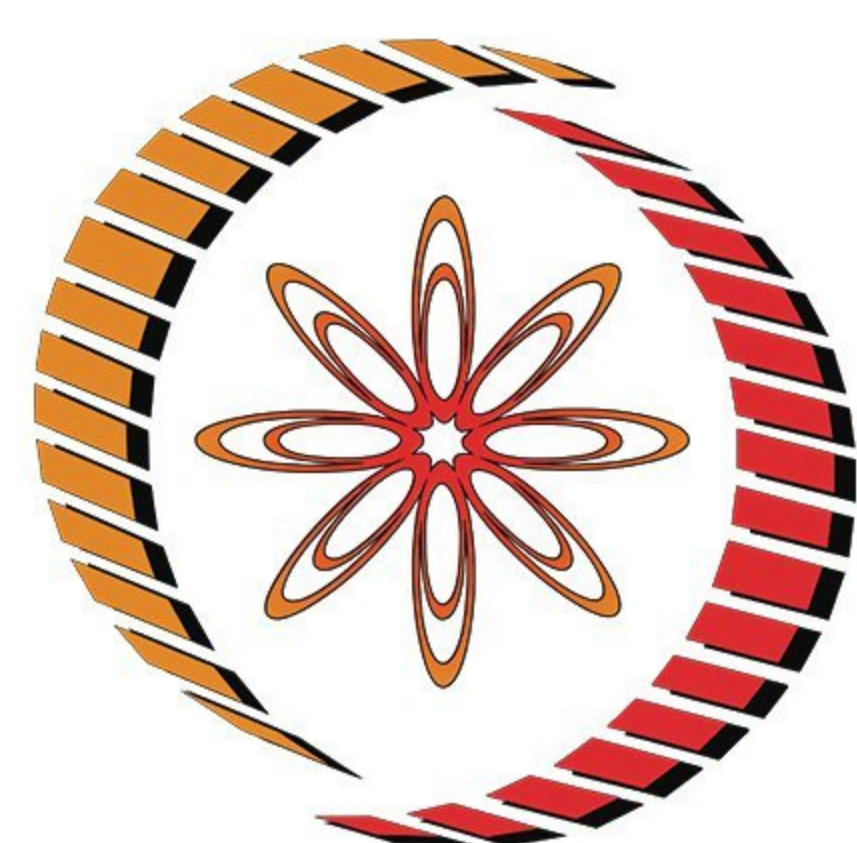
To
SREELEKSHMY P
LEKSHMI NIVAS
KALAKKODE PO BHOOTHAKULAM
PARAVUR
KERALA - 691302
PH. NO :7356448655



Score	Type 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

SREELEKSHMY P

for successfully completing the course

Introductory Organic Chemistry - I

with a consolidated score of **51** %

Online Assignments	16.67/25	Proctored Exam	34.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 177

Prof. Harinath Chakrapani

Dean, International Relations and Outreach
IISER Pune

Sep-Nov 2020
(8 week course)

Prof. Andrew Thangaraj

NPTEL Coordinator
IIT Madras



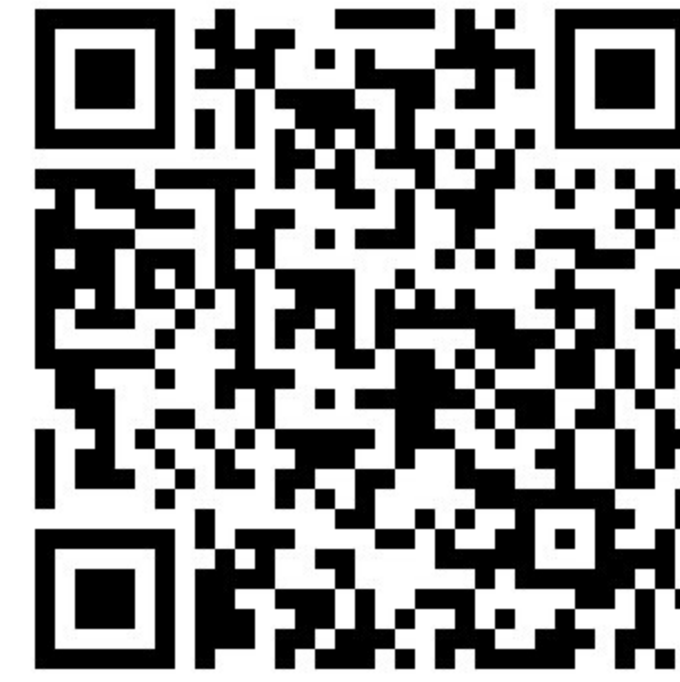
IISER - Indian Institute of Science Education
and Research Pune



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

Roll No: NPTEL20BT29S61820296

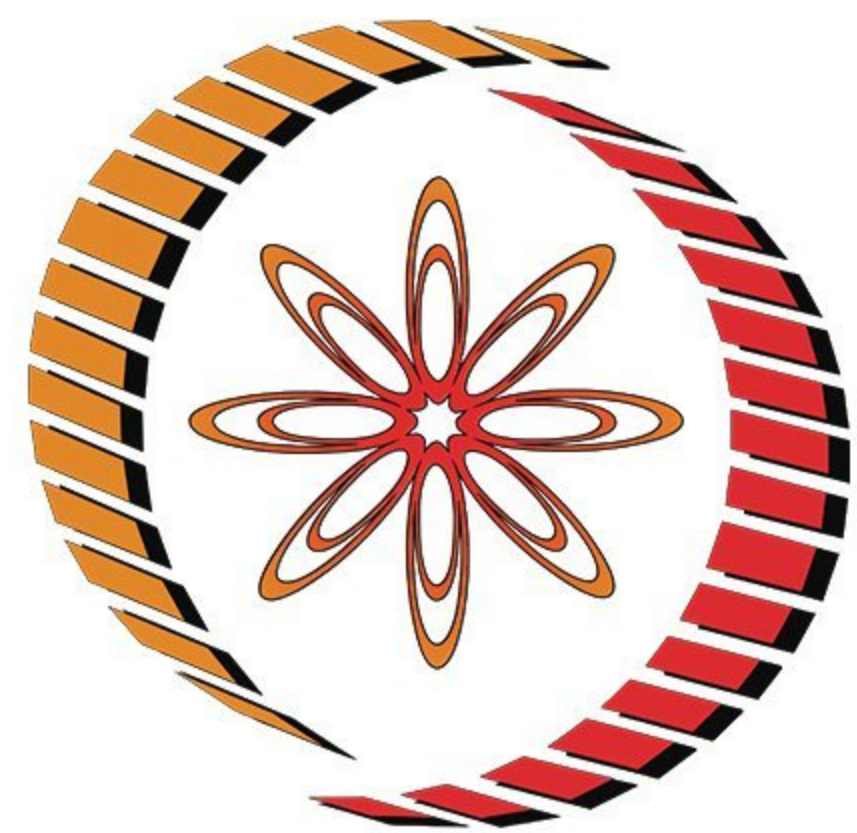
To
SREELEKSHMI S
UTHRADAM POIKAYIL
PULIYILA, NALLILA P.O
KOLLAM
KERALA - 691515
PH. NO :8593025694



Score	Type 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

SREELEKSHMI S

for successfully completing the course

Biomedical Nanotechnology

with a consolidated score of **68** %

Online Assignments	25.00/25	Proctored Exam	42.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **733**

Prof. V. C. Srivastava

Coordinator, Continuing Education Centre
IIT Roorkee

Sep-Oct 2020
(4 week course)

Prof. Inderdeep Singh

NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL20CY19S51820265

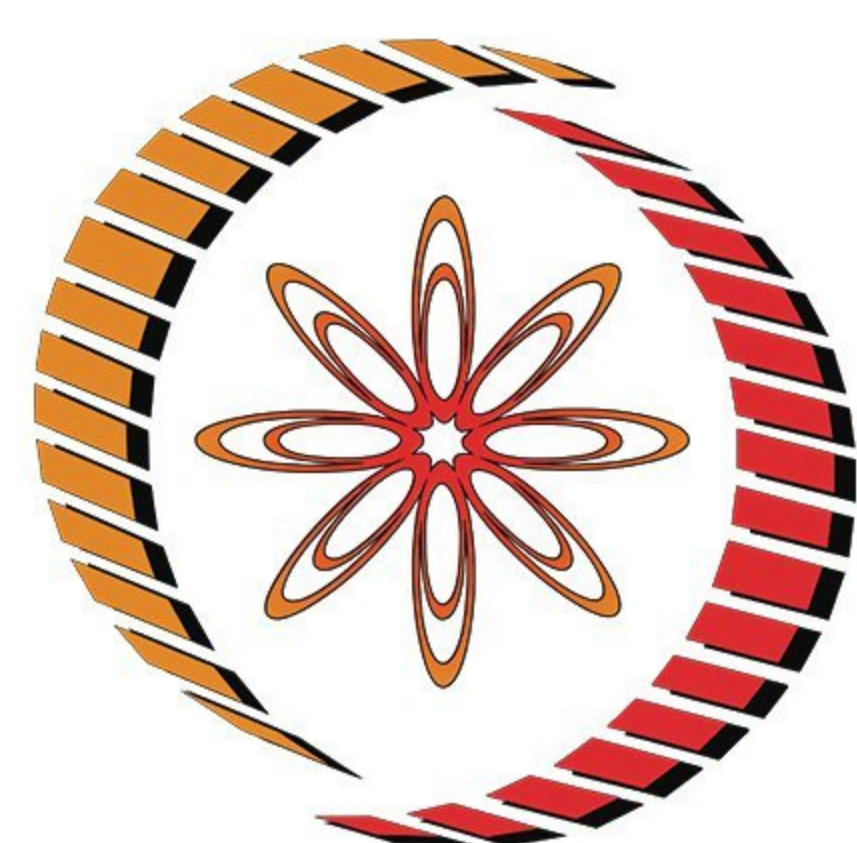
To
SREELEKSHMI S
JANARDHANA VILASAM
NELLETTIL P O POTHAKULAM
KOLLAM
KERALA - 691302
PH. NO :8137810483



Score	Type 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

SREELEKSHMI S

for successfully completing the course

**Co-Ordination Chemistry
(Chemistry of Transition Elements)**

with a consolidated score of **65** %

Online Assignments	18.50/25	Proctored Exam	46.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 212

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

Sep-Dec 2020
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



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

Roll No: NPTEL20CY19S51820085

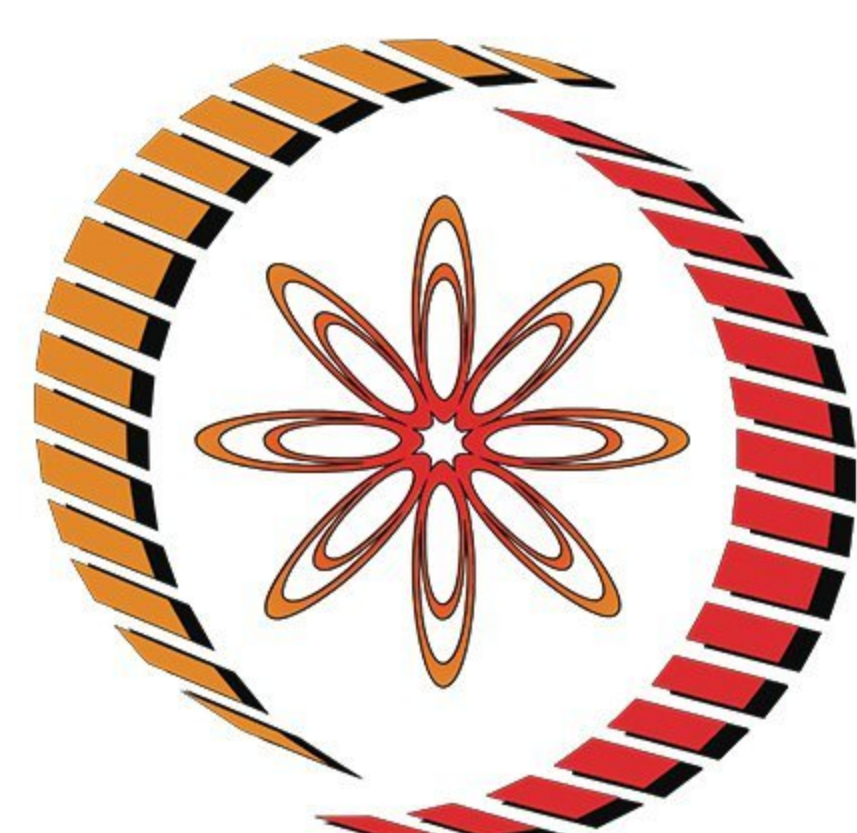
To
SULTHANA FEHROZA P P
PARAMBIL PEEDIKAKKAL HOUSE
PADINHATTUMURI POST, KOOTILANGADI VIA
MALAPPURAM
KERALA - 676506
PH. NO :9895037056



Score	Type 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

SULTHANA FEHROZA P P

for successfully completing the course

**Co-Ordination Chemistry
(Chemistry of Transition Elements)**

with a consolidated score of **66** %

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

Total number of candidates certified in this course: 212

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

Sep-Dec 2020
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



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

Roll No: NPTEL20CY20S31820045

To
SULTHANA FEHROZA P P
PARAMBIL PEEDIKAKKAL HOUSE
PADINHATTUMURI POST, KOOTLANGADI VIA
MALAPPURAM
KERALA - 676506
PH. NO :9895037056



Score	Type 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
SULTHANA FEHROZA P P
for successfully completing the course



Stereochemistry

with a consolidated score of **84** %

Online Assignments	21.21/25	Proctored Exam	63/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **56**

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



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

Roll No: NPTEL20CY23S71820076

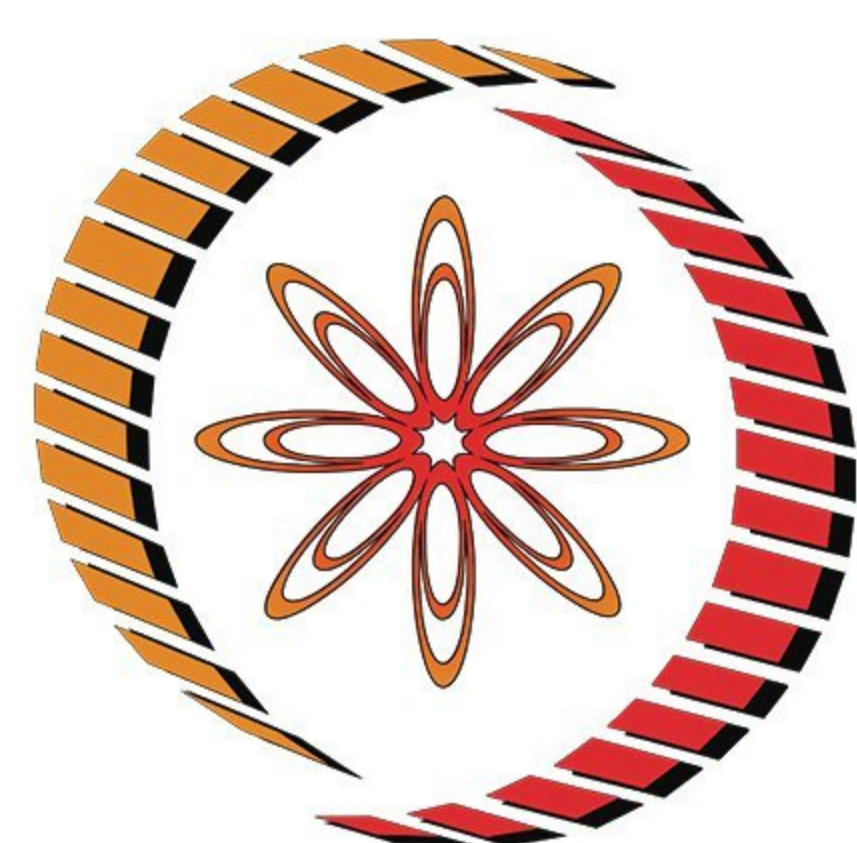
To
SULTHANA FEHROZA P P
PARAMBIL PEEDIKAKKAL HOUSE
PADINHATTUMURI POST, KOOTILANGADI VIA
MALAPPURAM
KERALA - 676506
PH. NO :9895037056



Score	Type 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

SULTHANA FEHROZA P P

for successfully completing the course

**Application of Spectroscopic Methods
in Molecular Structure Determination**

with a consolidated score of **49** %

Online Assignments	17/25	Proctored Exam	32.25/75
--------------------	-------	----------------	----------

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **50**

Sep-Nov 2020
(8 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



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

Roll No: NPTEL20BT29S61820304

To
SWATHI SUNDARESAN
KINATTUVILA PADINJATTATHIL VEEDU
KALLUVATHUKKAL
KOLLAM
KERALA - 691578
PH. NO :9188567529



Score	Type 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.



NPTEL Online Certification

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



This certificate is awarded to
SWATHI SUNDARESAN
for successfully completing the course

Biomedical Nanotechnology

with a consolidated score of **56** %

Online Assignments	24.17/25	Proctored Exam	31.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **733**

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

Sep-Oct 2020
(4 week course)

Prof. Inderdeep Singh
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL20BT35S71820237

To
SYAMASASIDHARAN
CHYTHRAM PARAMBITHARAYIL
NAMBARUVIKALA
KARUNAGAPPALLY, KOLLAM
KERALA - 690573
PH. NO :7510214145



Score	Type 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
SYAMASASIDHARAN
for successfully completing the course

Introduction to Developmental Biology

with a consolidated score of **55** %

Online Assignments	20.59/25	Proctored Exam	34/75
--------------------	----------	----------------	-------

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

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

Sep-Dec 2020
(12 week course)

Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



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

Roll No: NPTEL20LW02S71820200

To
KIRAN T P
POURNAMI
KOTTARAKARA
KERALA - 691506
PH. NO :9633727704



Score	Type 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

KIRAN T P

for successfully completing the course

**Constitution of India and Environmental Governance:
Administrative and Adjudicatory Process**

with a consolidated score of **78** %

Online Assignments	19.25/25	Proctored Exam	58.5/75
--------------------	----------	----------------	---------



Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **194**

Sep-Dec 2020
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



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

Roll No: NPTEL20CY30S71820177

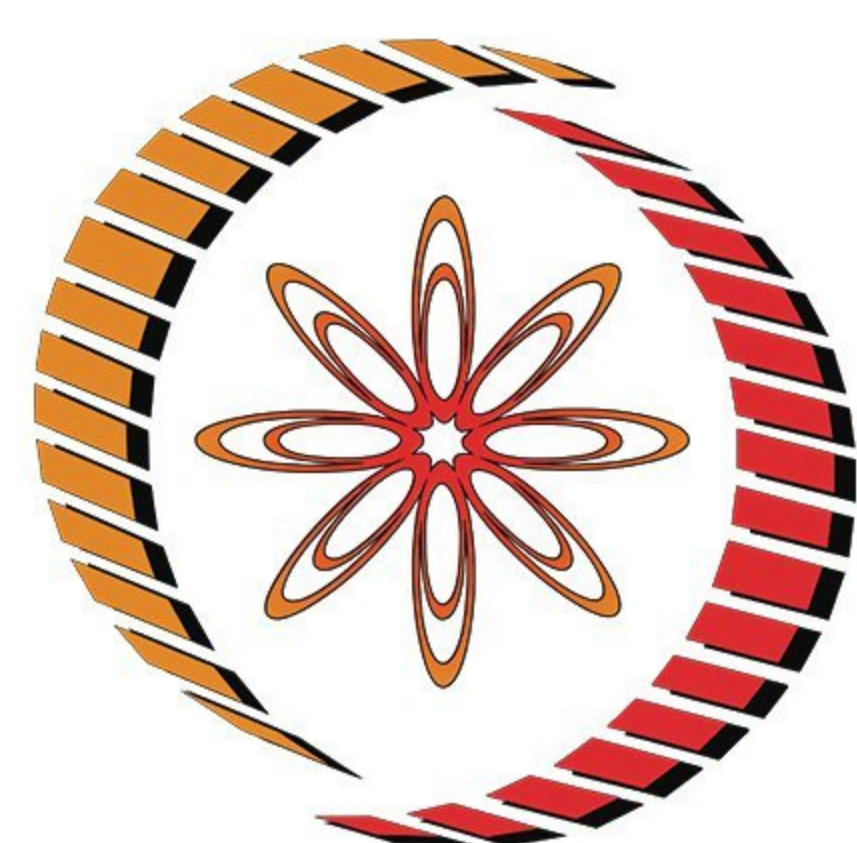
To
VIDHYA PRASAD
SIVALAYAM
KANNANALLOOR P O
KOLLAM
KERALA - 691576
PH. NO :8594064880



Score	Type 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

VIDHYA PRASAD

for successfully completing the course

Introductory Organic Chemistry - I

with a consolidated score of **54** %

Online Assignments	21.25/25	Proctored Exam	32.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 177

C. Harinath

Prof. Harinath Chakrapani

Dean, International Relations and Outreach
IISER Pune

Sep-Nov 2020
(8 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj

NPTEL Coordinator
IIT Madras



IISER - Indian Institute of Science Education
and Research Pune



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

Roll No: NPTEL20CY30S71820179

To
AISWARYA V R
AISWARYA
PALLIMON
KOLLAM
KERALA - 691576
PH. NO :8075104797



Score	Type 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

AISWARYA V R

for successfully completing the course

Introductory Organic Chemistry - I

with a consolidated score of **54** %

Online Assignments	24.17/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 177

Prof. Harinath Chakrapani

Dean, International Relations and Outreach
IISER Pune

Sep-Nov 2020
(8 week course)

Prof. Andrew Thangaraj

NPTEL Coordinator
IIT Madras



IISER - Indian Institute of Science Education
and Research Pune



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

Roll No: NPTEL20BT39S41820035

To
ADHEENA R S
ANANDU NIVAS
POONTHOTTAM JN, ANAYAM, ANAKOTTOOR PO,
KOTTARAKKARA
KOLLAM
KERALA - 691505
PH. NO :7510533372



Score	Type 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
ADHEENA R S
for successfully completing the course

Wildlife Conservation

with a consolidated score of **75** %

Online Assignments	22.50/25	Proctored Exam	52/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 488

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

Sep-Nov 2020
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



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

Roll No: NPTEL20BT29S61820007

To
ARSHA A S
MINI COTTAGE
VAIDYASALA NAGAR 369
ASRAMAM P O KOLLAM
KERALA - 691002
PH. NO :9605304835



Score	Type 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.



NPTEL Online Certification

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



This certificate is awarded to

ARSHA A S

for successfully completing the course

Biomedical Nanotechnology

with a consolidated score of **55** %

Online Assignments	25.00/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **733**

Prof. V. C. Srivastava

Coordinator, Continuing Education Centre
IIT Roorkee

Sep-Oct 2020
(4 week course)

Prof. Inderdeep Singh

NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL20CY19S51820117

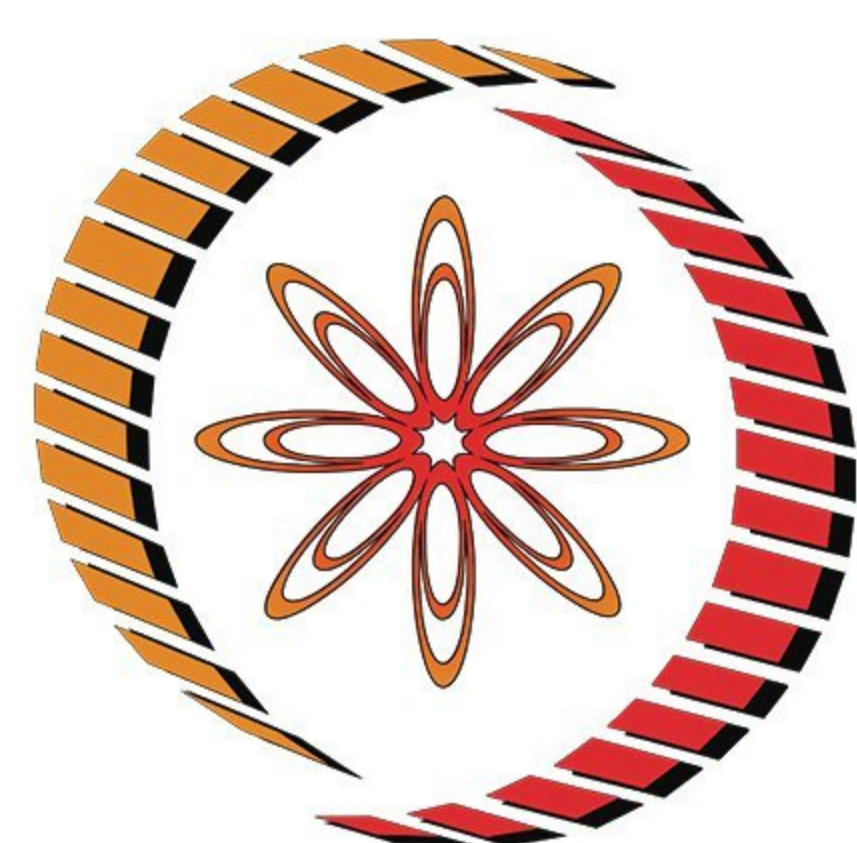
To
ABHIJITH S
SIVA SAILAM
KERALAPURAM VELLIMON P O
KOLLAM
KERALA - 691511
PH. NO :9995210520



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

No. of credits recommended by NPTEL:3

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



Elite

NPTEL Online Certification

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



This certificate is awarded to

ABHIJITH S

for successfully completing the course

**Co-Ordination Chemistry
(Chemistry of Transition Elements)**

with a consolidated score of **72** %

Online Assignments	19.53/25	Proctored Exam	52.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 212

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

Sep-Dec 2020
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



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

Roll No: NPTEL20PH15S71820040

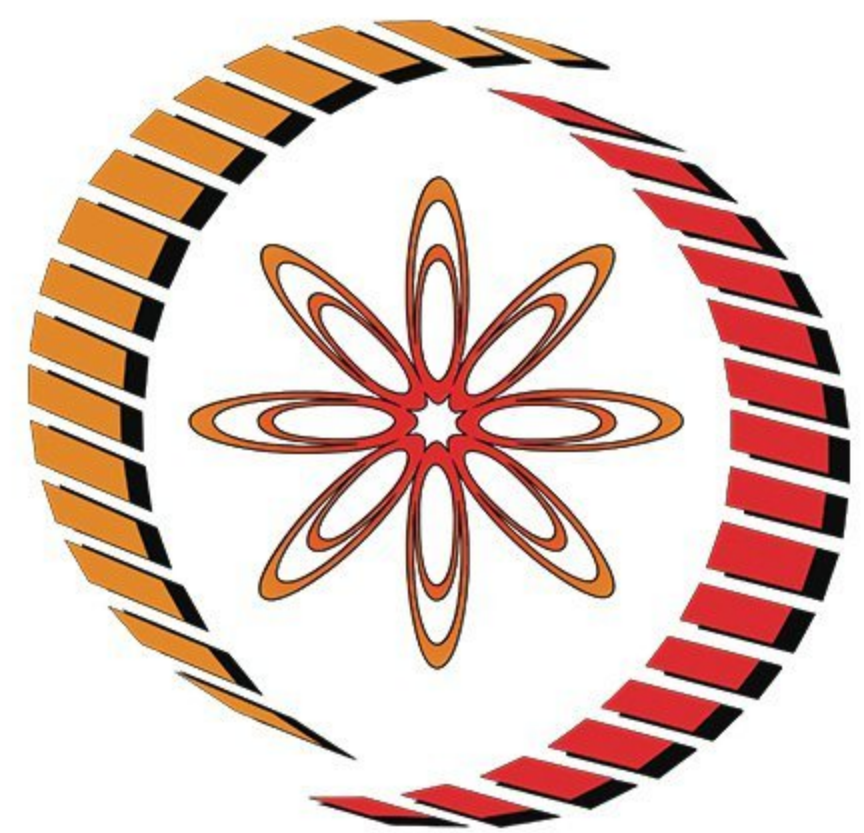
To
ABHINANDANA B
KUZHIKKANATHU VADAKKATHIL
SARAYOO NAGAR 118, ASRAMAM, KOLLAM 2
KOLLAM
KERALA - 691002
PH. NO :9497836358



Score	Type 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
ABHINANDANA B
for successfully completing the course



Solid State Physics

with a consolidated score of **78** %

Online Assignments	22.53/25	Proctored Exam	55.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 166

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

Sep-Dec 2020
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



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

Roll No: NPTEL20BT29S61820197

To
ABHIRAM MOHAN
KARUVILA VEEDU, PALLIMON PO
KOLLAM, PIN:691576
KARUVILA VEEDU
KOLLAM
KERALA - 691576
PH. NO :9846836914



Score	Type 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

ABHIRAM MOHAN

for successfully completing the course

Biomedical Nanotechnology

with a consolidated score of **65** %

Online Assignments	21.67/25	Proctored Exam	43.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **733**

Prof. V. C. Srivastava

Coordinator, Continuing Education Centre
IIT Roorkee

Sep-Oct 2020
(4 week course)

Prof. Inderdeep Singh

NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL20BT35S82440001

To
JS AISWARYA
CHAITHRAM
KATTAPPARAMBU, VANCHIYOOR POST
ALAMCODE
KERALA - 695102
PH. NO :6235096467



Score	Type 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

JS AISWARYA

for successfully completing the course

Introduction to Developmental Biology

with a consolidated score of **55** %

Online Assignments	18.03/25	Proctored Exam	36.75/75
--------------------	----------	----------------	----------

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

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

Sep-Dec 2020
(12 week course)

Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



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

Roll No: NPTEL20BT43S72440230

To
JS AISWARYA
CHAITHRAM
KATTAPPARAMBU, VANCHIYOOR POST
ALAMCODE
KERALA - 695102
PH. NO :6235096467



Score	Type 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
JS AISWARYA
for successfully completing the course

Immunology

with a consolidated score of **53** %

Online Assignments	18.13/25	Proctored Exam	35.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **352**

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

Sep-Dec 2020
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



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

Roll No: NPTEL20BT32S51820116

To
ANJANA AJAYAN
ANJU NIVAS
CHAVARA SOUTH
KOLLAM
KERALA - 691584
PH. NO :9567949506



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

No. of credits recommended by NPTEL:3

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



NPTEL Online Certification

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



This certificate is awarded to

ANJANA AJAYAN

for successfully completing the course

Genetic Engineering: Theory and Application

with a consolidated score of **52** %

Online Assignments	21.25/25	Proctored Exam	30.75/75
--------------------	----------	----------------	----------

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

Sep-Dec 2020
(12 week course)

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



Indian Institute of Technology Guwahati



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

Roll No: NPTEL20BT29S61820207

To
AKHILA PRASAD
AKHILA BHAVAN
VELAMANNOOR PO
PARIPPALLY
KERALA - 691574
PH. NO :7994567614



Score	Type 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

AKHILA PRASAD

for successfully completing the course

Biomedical Nanotechnology

with a consolidated score of **65** %

Online Assignments	25.00/25	Proctored Exam	39.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **733**

Prof. V. C. Srivastava

Coordinator, Continuing Education Centre
IIT Roorkee

Sep-Oct 2020
(4 week course)

Prof. Inderdeep Singh

NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL20CY26S41820047

To
AKHIL V S
SREE VINAYAK
KALLUPALAKKADA PERUMPUZHA P O
KOLLAM
KERALA - 691504
PH. NO :7736576238



Score	Type 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

AKHIL V S

for successfully completing the course

Mechanisms in Organic Chemistry

with a consolidated score of **41** %

Online Assignments	10.38/25	Proctored Exam	30.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 95

Sep-Nov 2020
(8 week course)

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



Indian Institute of Technology Bombay



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

Roll No: NPTEL20CY30S71820153

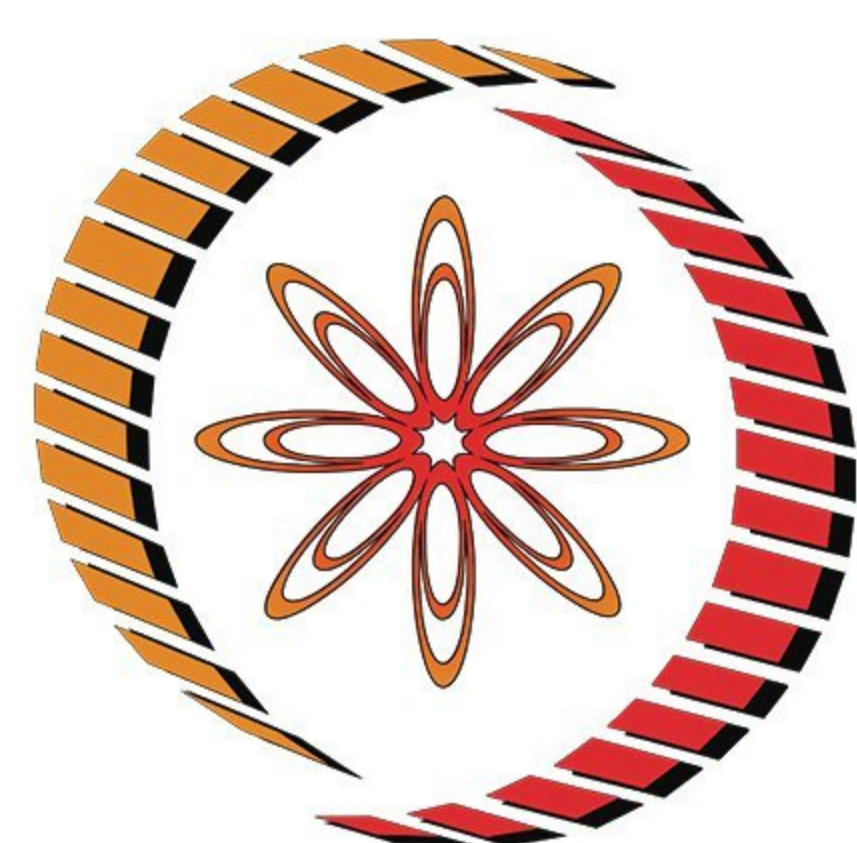
To
AKSHAYA S ASOK
KAILASAM
KUZHIMATHICADU P.O
KOLLAM
KERALA - 691509
PH. NO :8590498029



Score	Type 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

AKSHAYA S ASOK

for successfully completing the course

Introductory Organic Chemistry - I

with a consolidated score of **51** %

Online Assignments	21.25/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 177

Prof. Harinath Chakrapani

Dean, International Relations and Outreach
IISER Pune

Sep-Nov 2020
(8 week course)

Prof. Andrew Thangaraj

NPTEL Coordinator
IIT Madras



IISER - Indian Institute of Science Education
and Research Pune



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

Roll No: NPTEL20BT29S61820215

To
AMRITHA NAIR
AMRITHA NIVAS
M.R.LANE, MARKET ROAD, ATTINGAL P.O
TRIVANDRUM
KERALA - 695101
PH. NO :8139074541



Score	Type 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

AMRITHA NAIR

for successfully completing the course



Biomedical Nanotechnology

with a consolidated score of **79** %

Online Assignments	25.00/25	Proctored Exam	54/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **733**

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

Sep-Oct 2020
(4 week course)

Prof. Inderdeep Singh
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL20HS52S81820080

To
AMRUTHA ANILKUMAR
POIKAVILA VEEDU
KOTTARA
MEEYANNOOR PO
KERALA - 691537
PH. NO :9061566931



Score	Type 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
AMRUTHA ANILKUMAR
for successfully completing the course

History of English Language and Literature

with a consolidated score of **70** %

Online Assignments	25.00/25	Proctored Exam	44.63/75
--------------------	----------	----------------	----------

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **293**

Sep-Dec 2020
(12 week course)

Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



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

Roll No: NPTEL20BT29S61820223

To
ANJALI B R
ANJALI
NEELESWARAM P.O, KOTTARAKARA
KOLLAM
KERALA - 691505
PH. NO :7356851581



Score	Type 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.



NPTEL Online Certification

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



This certificate is awarded to

ANJALI B R

for successfully completing the course

Biomedical Nanotechnology

with a consolidated score of **56** %

Online Assignments	25.00/25	Proctored Exam	30.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **733**

Prof. V. C. Srivastava

Coordinator, Continuing Education Centre
IIT Roorkee

Sep-Oct 2020
(4 week course)

Prof. Inderdeep Singh

NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL20MA34S71820030

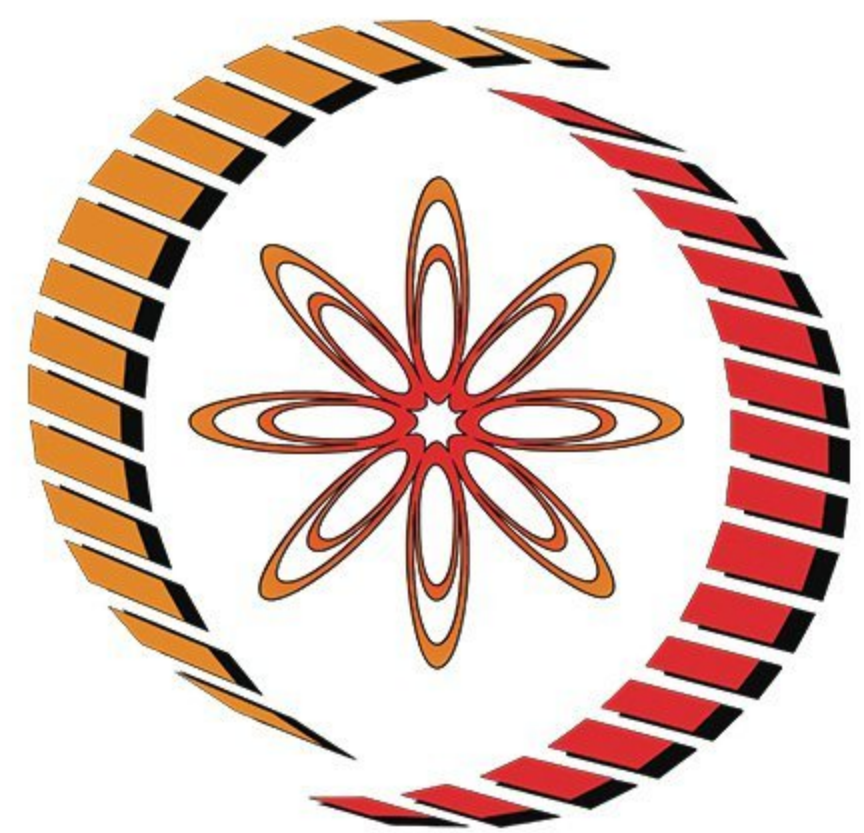
To
ANJANA S
ERATHU MELATHIL VEEDU
AMBALAMKUNNU, MYLODE
KOLLAM
KERALA - 691537
PH. NO :9400958200



Score	Type 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

ANJANA S

for successfully completing the course



Matrix Analysis with Applications

with a consolidated score of **79** %

Online Assignments	23.33/25	Proctored Exam	55.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **159**

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



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

Roll No: NPTEL20MA34S71820054

To
ANJU R
ANJU BHAVAN, NELLIMUKAL PO,
MUNDAPPALLY, ADOOR
PATHANAMTHITTA
KERALA - 691551
PH. NO :9747181544



Score	Type 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

ANJU R

for successfully completing the course

Matrix Analysis with Applications

with a consolidated score of **67** %

Online Assignments	24.58/25	Proctored Exam	42.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **159**

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

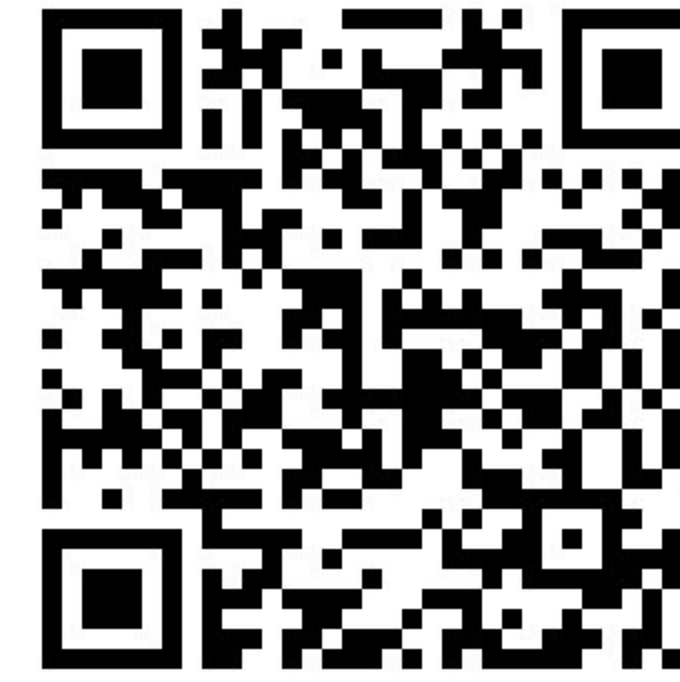


This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20BT29S61820231

To
ANUJA S
SANTHIBHAVAN
MATHRIKA NAGAR 57A, ULIAKOVIL
KOLLAM
KERALA - 691019
PH. NO :6235768538

Score	Type 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.



NPTEL Online Certification

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



This certificate is awarded to

ANUJA S

for successfully completing the course

Biomedical Nanotechnology

with a consolidated score of **55** %

Online Assignments	25.00/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **733**

Prof. V. C. Srivastava

Coordinator, Continuing Education Centre
IIT Roorkee

Sep-Oct 2020
(4 week course)

Prof. Inderdeep Singh

NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL20BT29S61820111

To
ANU KRISHNA K R
HOUSE NO.2, MAHESWARI MANSION
BEHIND CANARA BANK, THAMARKULAM
KOLLAM
KERALA - 691001
PH. NO :7510670811



Score	Type 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
ANU KRISHNA K R
for successfully completing the course



Biomedical Nanotechnology

with a consolidated score of **77** %

Online Assignments	25.00/25	Proctored Exam	51.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **733**

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

Sep-Oct 2020
(4 week course)

Prof. Inderdeep Singh
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL20PH17S72440122

To
ANUPAMA A C
ANASWARA
CHANI, KANJIRAMKULAM P O
THIRUVANANTHAPURAM
KERALA - 695524
PH. NO :9496250066



Score	Type 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

ANUPAMA A C

for successfully completing the course

Introduction to Classical Mechanics

with a consolidated score of **62** %

Online Assignments	15.94/25	Proctored Exam	45.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 53

Prof. B Umashankar

Chairperson, Centre for Continued Education (CCE)
IIT Hyderabad

Sep-Dec 2020
(12 week course)

Prof. Andrew Thangaraj

NPTEL Coordinator
IIT Madras

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

Roll No: NPTEL20PH15S71820065

To
ARAVIND S LAL
KALABHAVAN(H)
EDAKULAM P.O
RANNY
KERALA - 689672
PH. NO :8113894868

Score	Type 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
ARAVIND S LAL
for successfully completing the course

Solid State Physics

with a consolidated score of **58** %

Online Assignments	20.63/25	Proctored Exam	37.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 166

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

Sep-Dec 2020
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



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

Roll No: NPTEL20BT32S51820211

To
ARCHA DILEEP
DEEPA NIVAS
SARAVANA NAGAR -302, ERAVIPURAM
KOLLAM
KERALA - 691011
PH. NO :7594823703



Score	Type 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

ARCHA DILEEP

for successfully completing the course

Genetic Engineering: Theory and Application

with a consolidated score of **66** %

Online Assignments	21.06/25	Proctored Exam	44.63/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 342

Sep-Dec 2020
(12 week course)

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



Indian Institute of Technology Guwahati



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

Roll No: NPTEL20CY26S41820121

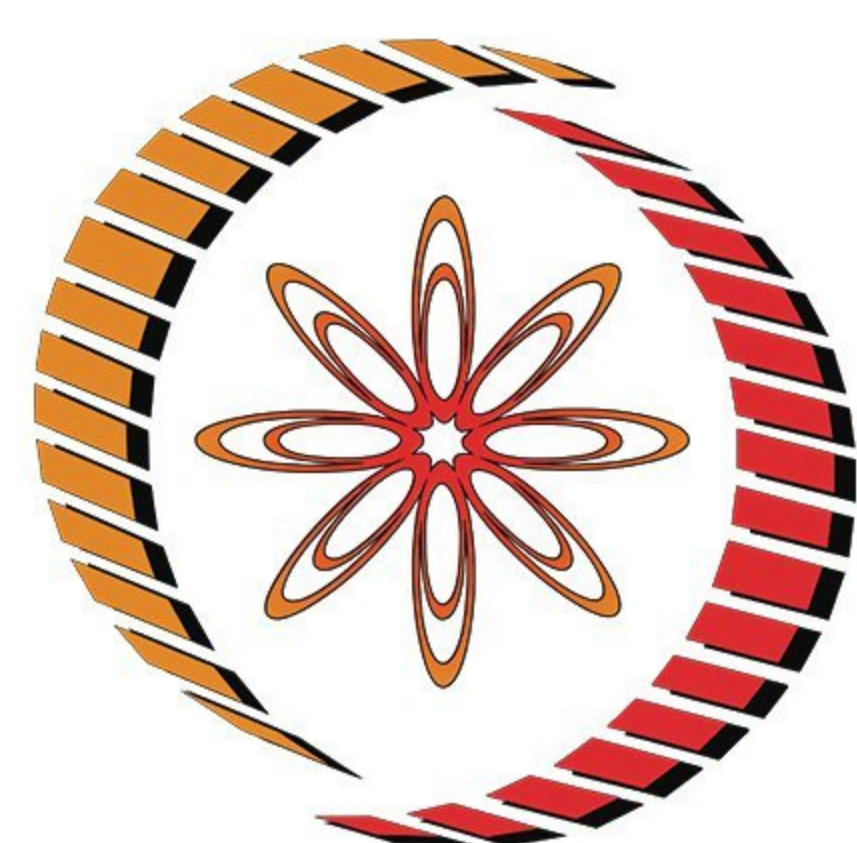
To
ARJUN J
DEVAGEETHAM
KONGAL
PARAVUR
KERALA - 691301
PH. NO :9656436317



Score	Type 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

ARJUN J

for successfully completing the course

Mechanisms in Organic Chemistry

with a consolidated score of **57** %

Online Assignments	20.96/25	Proctored Exam	36.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 95

Sep-Nov 2020
(8 week course)

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



Indian Institute of Technology Bombay



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

Roll No: NPTEL20BT31S72440278

To
ARYA RAJAN
RADHA MANDIRAM
VELLOORKONAM KADUVAYIL ATTINGAL P O
TRIVANDRUM
KERALA - 695101
PH. NO :7025415798



Score	Type 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

ARYA RAJAN

for successfully completing the course

Experimental Biotechnology

with a consolidated score of **51** %

Online Assignments	14.50/25	Proctored Exam	36/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **370**

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: NPTEL20BT29S61820239

To
ARYA SHA
PLAVILA PUTHEN VEEDU
PAVITHRESWARAM
KOLLAM
KERALA - 691507
PH. NO :7510380341



Score	Type 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.



NPTEL Online Certification

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



This certificate is awarded to

ARYA SHA

for successfully completing the course

Biomedical Nanotechnology

with a consolidated score of **48** %

Online Assignments	17.50/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **733**

Prof. V. C. Srivastava

Coordinator, Continuing Education Centre
IIT Roorkee

Sep-Oct 2020
(4 week course)

Prof. Inderdeep Singh

NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL20CY19S51820227

To
ARYA SUNIL
SARADA
NEDUNGANDA PO
VARKALA
KERALA - 695307
PH. NO :7994607144



Score	Type 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

ARYA SUNIL

for successfully completing the course

**Co-Ordination Chemistry
(Chemistry of Transition Elements)**

with a consolidated score of **53** %

Online Assignments	18.50/25	Proctored Exam	34.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **212**

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

Sep-Dec 2020
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



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

Roll No: NPTEL20HS52S81820094

To
ARYA V S
CHARUVILA PUTHEN VEEDU
THAZHAM SOUTH CHATHANNOOR P O
KOLLAM
KERALA - 691572
PH. NO :7736617646



Score	Type 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

ARYA V S

for successfully completing the course

History of English Language and Literature

with a consolidated score of **67** %

Online Assignments	25.00/25	Proctored Exam	42/75
--------------------	----------	----------------	-------

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **293**

Sep-Dec 2020
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



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

Roll No: NPTEL20CY29S41820033

To
ASIYA A S
THEKKEPALAVILA
VEEDU, PADANILAM, THATTAMALA P.O
KOLLAM
KERALA - 691020
PH. NO :9188253601



Score	Type 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

ASIYA A S

for successfully completing the course

Metals in Biology

with a consolidated score of **72** %

Online Assignments	23.96/25	Proctored Exam	48/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 78

Sep-Nov 2020
(8 week course)

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



Indian Institute of Technology Bombay



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

Roll No: NPTEL20MA34S71820083

To
ASWATHY A
ARATHY BHAVAN
EDAVATTOM, CHIRAKKARA PO
KOLLAM
KERALA - 691578
PH. NO :7012868255



Score	Type 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

ASWATHY A

for successfully completing the course



Matrix Analysis with Applications

with a consolidated score of **79** %

Online Assignments	24.17/25	Proctored Exam	54.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **159**

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



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

Roll No: NPTEL20HS43S81820073

To
ATHIRA S R
PALLAKKARANTAZHIKAM
VIKAS NAGAR 101 PATTATHANAM PO
KOLLAM
KERALA - 691021
PH. NO :9633669512



Score	Type 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

ATHIRA S R

for successfully completing the course



Developing Soft Skills and Personality

with a consolidated score of **84** %

Online Assignments	22.58/25	Proctored Exam	61.76/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 8393

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

Sep-Nov 2020
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



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

Roll No: NPTEL20MA34S71820095

To
ATHIRA A
ARATHY BHAVAN
EDAVATTOM, CHIRAKKARA PO
KOLLAM
KERALA - 691578
PH. NO :8075020059



Score	Type 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

ATHIRA A

for successfully completing the course



Matrix Analysis with Applications

with a consolidated score of **90** %

Online Assignments	24.17/25	Proctored Exam	65.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **159**

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



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

Roll No: NPTEL20BT29S61820247

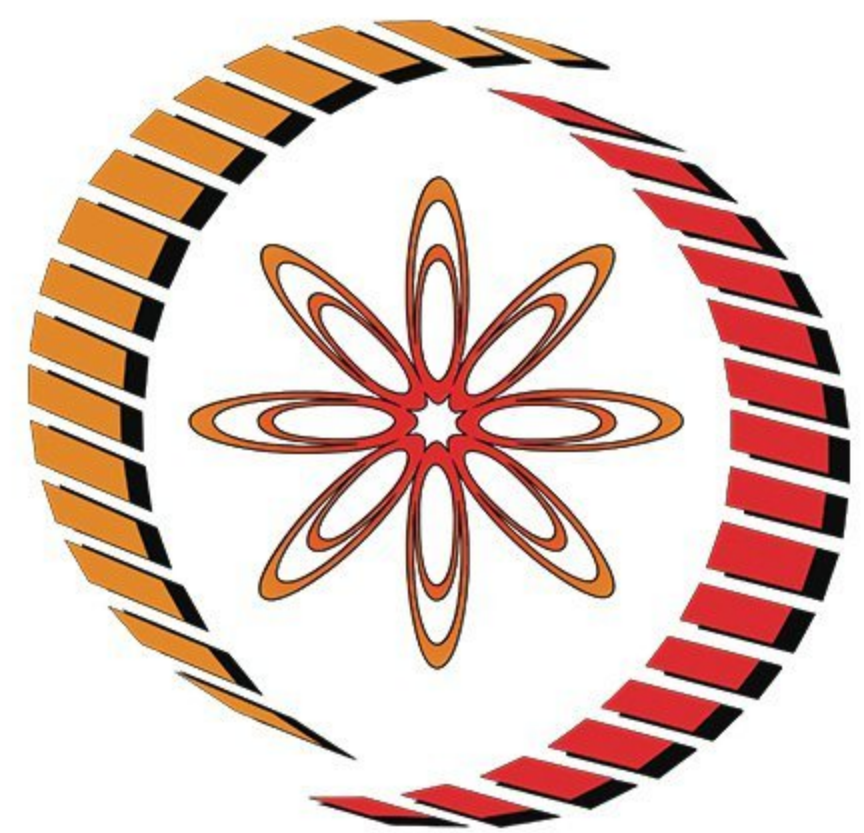
To
ATHULYA RAJ
THUSHARAM
PALAYAMKUNNU (P.O), VARKALA
TRIVANDRUM
KERALA - 695146
PH. NO :9895665806



Score	Type 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

ATHULYA RAJ

for successfully completing the course



Biomedical Nanotechnology

with a consolidated score of **78** %

Online Assignments	25.00/25	Proctored Exam	52.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **733**

Prof. V. C. Srivastava

Coordinator, Continuing Education Centre
IIT Roorkee

Sep-Oct 2020
(4 week course)

Prof. Inderdeep Singh

NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL20CY29S41820114

To
AVANTHIKA S KUMAR
AVANTHIKA CHIRAYIL MANGALATHU
NEERAVIL
PERINAD P O KOLLAM
KERALA - 691601
PH. NO :7356431868



Score	Type 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
AVANTHIKA S KUMAR
for successfully completing the course



Metals in Biology

with a consolidated score of **79** %

Online Assignments	23.92/25	Proctored Exam	55.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 78

Sep-Nov 2020
(8 week course)

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



Indian Institute of Technology Bombay



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

Roll No: NPTEL20CY19S51820238

To
KRISHNARAJ T S
SUKRITHI, VIKAS NAGAR - 174A
PATTATHANAM P O, KOLLAM
KOLLAM
KERALA - 691021
PH. NO :8281518986



Score	Type 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

KRISHNARAJ T S

for successfully completing the course

**Co-Ordination Chemistry
(Chemistry of Transition Elements)**

with a consolidated score of **67** %

Online Assignments	21.91/25	Proctored Exam	45/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 212

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

Sep-Dec 2020
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



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

Roll No: NPTEL20CY26S41820149

To
KRISHNARAJ T S
SUKRITHI, VIKAS NAGAR - 174A
PATTATHANAM P O, KOLLAM
KOLLAM
KERALA - 691021
PH. NO :8281518986



Score	Type 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

KRISHNARAJ T S

for successfully completing the course

Mechanisms in Organic Chemistry

with a consolidated score of **60** %

Online Assignments	20.96/25	Proctored Exam	39.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 95

Sep-Nov 2020
(8 week course)

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



Indian Institute of Technology Bombay



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

Roll No: NPTEL20HS80S71820202

To
AVANI AKASH
KUMUDA VILAS
KAYIKKARA P O
TRIVANDRUM
KERALA - 695307
PH. NO :7558814668



Score	Type 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

AVANI AKASH

for successfully completing the course



Cognition, Transformation and Lives

with a consolidated score of **84** %

Online Assignments	24.17/25	Proctored Exam	60/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 92

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

Sep-Oct 2020
(4 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



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

Roll No: NPTEL20BT29S61820253

To
BEEGAM NAZRIN
A.S.N.COTTAGE
ALAMCODE P.O, ATTINGAL
TRIVANDRUM
KERALA - 695102
PH. NO :7994929693



Score	Type 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

BEEGAM NAZRIN

for successfully completing the course

Biomedical Nanotechnology

with a consolidated score of **64** %

Online Assignments	25.00/25	Proctored Exam	39/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **733**

Prof. V. C. Srivastava

Coordinator, Continuing Education Centre
IIT Roorkee

Sep-Oct 2020
(4 week course)

Prof. Inderdeep Singh

NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL20CY35S51820023

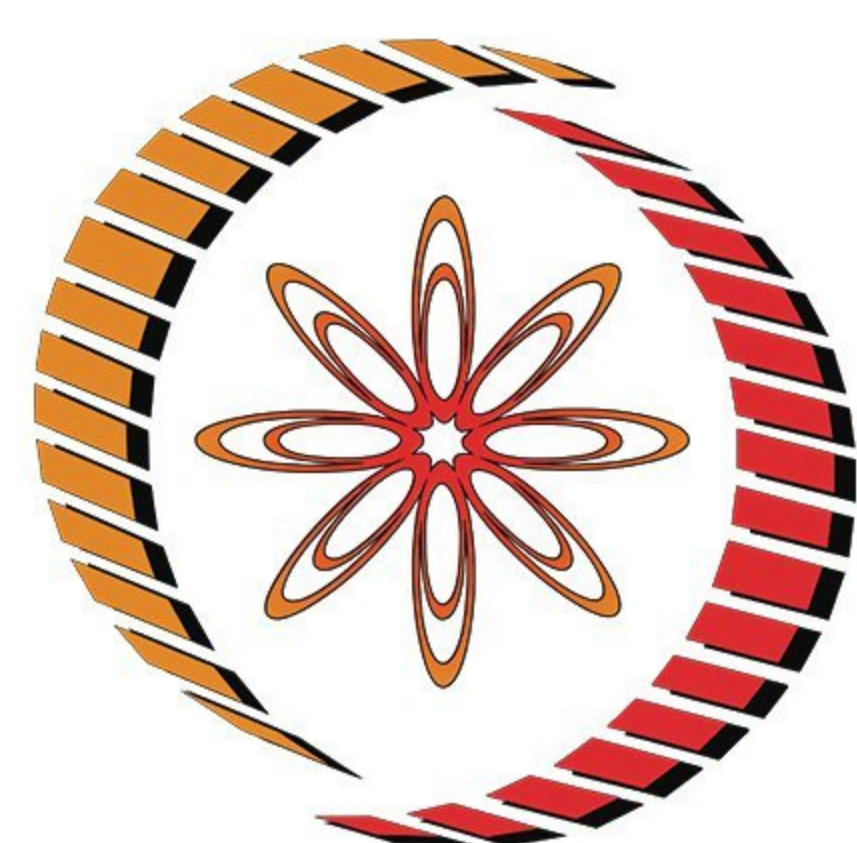
To
CHITHIRA KRISHNAN
CHITHIRA
THAMALLACKAL P O KUMARAPURAM
ALAPPUZHA
KERALA - 690548
PH. NO :7306314885



Score	Type 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
CHITHIRA KRISHNAN
for successfully completing the course

Reagents in Organic Synthesis

with a consolidated score of **70** %

Online Assignments	23.06/25	Proctored Exam	46.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 103

Sep-Dec 2020
(12 week course)

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



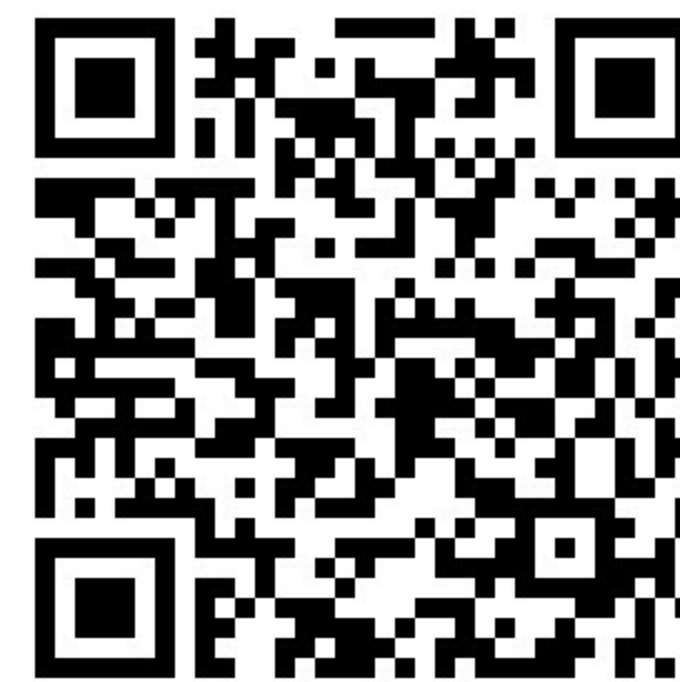
Indian Institute of Technology Guwahati



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: NPTEL20BT29S61820259

To
BHOOMIKA S
INCHAKKATTU
VILAKKUVETTOM PO
PUNALUR
KERALA - 691331
PH. NO :9544527015



Score	Type 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

BHOOMIKA S

for successfully completing the course



Biomedical Nanotechnology

with a consolidated score of **81** %

Online Assignments	25.00/25	Proctored Exam	56.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **733**

Prof. V. C. Srivastava

Coordinator, Continuing Education Centre
IIT Roorkee

Sep-Oct 2020
(4 week course)

Prof. Inderdeep Singh

NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL20HS61S51820202

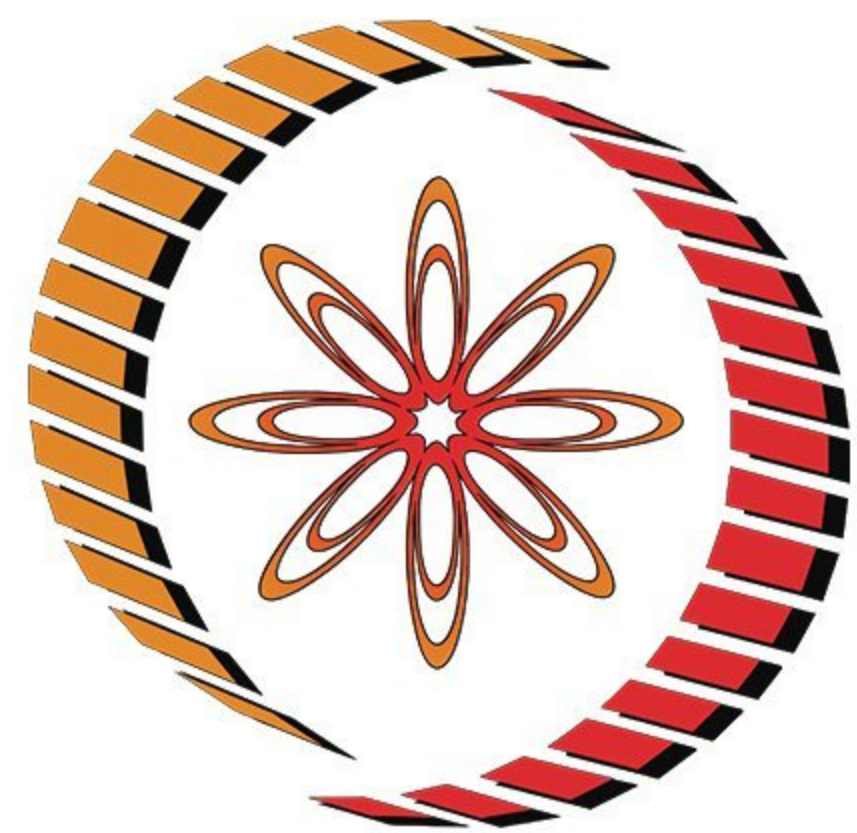
To
BODHI A S
SREEKULAM
ANCHALUMOOD, PERINAD PO
KOLLAM
KERALA - 691601
PH. NO :9495266781



Score	Type 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

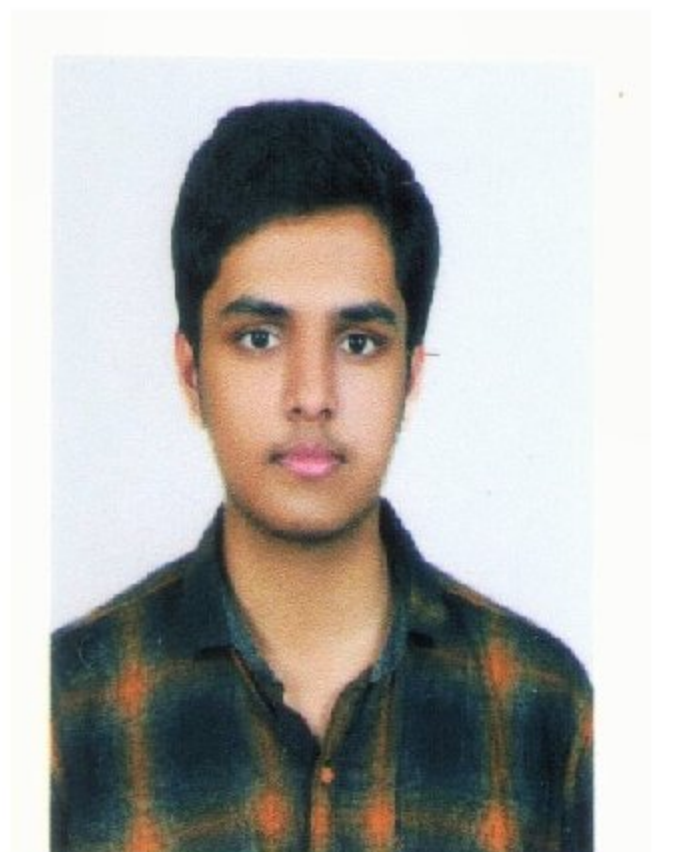
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

NPTEL Online Certification

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



This certificate is awarded to

BODHI A S

for successfully completing the course

Introduction to Western Political Thought

with a consolidated score of **72** %

Online Assignments	20.63/25	Proctored Exam	51/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 185

Sep-Dec 2020
(12 week course)

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



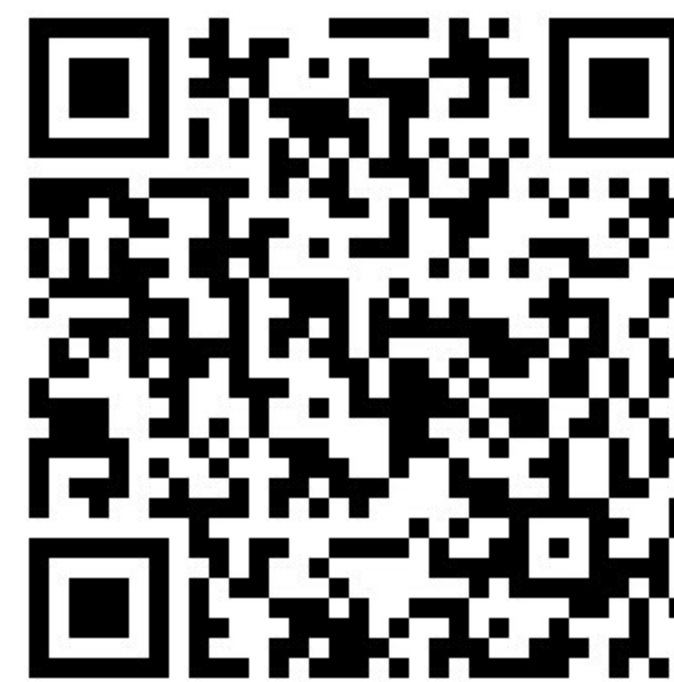
Indian Institute of Technology Guwahati



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: NPTEL20BT29S61820271

To
CHANDHANA SHEKHAR
RADHA NIVAS
TRA-95, THIRUMULLAVARAM
KOLLAM
KERALA - 691012
PH. NO :8129179741



Score	Type 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
CHANDHANA SHEKHAR
for successfully completing the course



Biomedical Nanotechnology

with a consolidated score of **81** %

Online Assignments	25.00/25	Proctored Exam	56.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **733**

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

Sep-Oct 2020
(4 week course)

Prof. Inderdeep Singh
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL20HS52S71820407

To
DEVIKA S KUMAR
NARAYANAMANDIRAM
VELLIMON WEST, KUNDARA
KOLLAM
KERALA - 691511
PH. NO :9847435341



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

No. of credits recommended by NPTEL:3

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



Elite

NPTEL Online Certification

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



This certificate is awarded to
DEVIKA S KUMAR
for successfully completing the course

History of English Language and Literature

with a consolidated score of **79** %

Online Assignments	21.88/25	Proctored Exam	57/75
--------------------	----------	----------------	-------

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **293**

Sep-Dec 2020
(12 week course)

Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



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

Roll No: NPTEL20HS52S81820008

To
DURGA S
SREE DURGA, MELOOTTU MELATHIL,
THATHAMUKKU
PUNUKKANNOOR, PERUMPUZHA P.O;
KOLLAM
KERALA - 691504
PH. NO :9495539538



Score	Type 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

DURGA S

for successfully completing the course

History of English Language and Literature

with a consolidated score of **62** %

Online Assignments	24.69/25	Proctored Exam	37.13/75
--------------------	----------	----------------	----------

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **293**

Sep-Dec 2020
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



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

Roll No: NPTEL20CY29S41820142

To
HIMA PRASAD
MELEVILA PUTHEN VEEDU, CHAVADIMUKKU,
MUTTAPPALAM P.O,VARKALA,
THIRUVANANTHAPURAM,KERALA
KERALA - 695145
PH. NO :9048002186



Score	Type 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
HIMA PRASAD
for successfully completing the course

Metals in Biology

with a consolidated score of **75** %

Online Assignments	23.92/25	Proctored Exam	51/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 78

Sep-Nov 2020
(8 week course)

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



Indian Institute of Technology Bombay



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

Roll No: NPTEL20BT29S61820125

To
ILA KRISHNAN
NARAYANA MANDIRAM
ASRAMAM
KOLLAM
KERALA - 691002
PH. NO :6238976584



Score	Type 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

ILA KRISHNAN

for successfully completing the course

Biomedical Nanotechnology

with a consolidated score of **73** %

Online Assignments	25.00/25	Proctored Exam	48/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **733**

Prof. V. C. Srivastava

Coordinator, Continuing Education Centre
IIT Roorkee

Sep-Oct 2020
(4 week course)

Prof. Inderdeep Singh

NPTEL Coordinator
IIT Roorkee



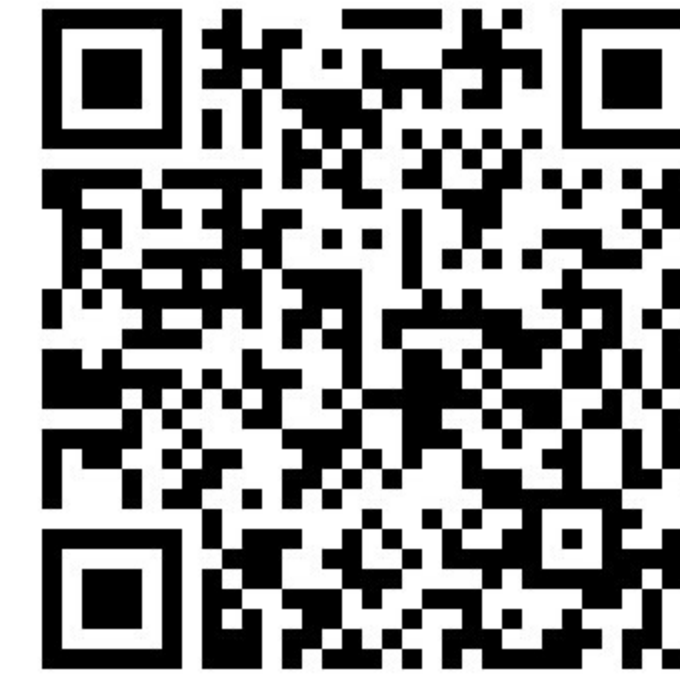
Indian Institute of Technology Roorkee



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

Roll No: NPTEL20LW02S71820048

To
JYOLSNA S
CHIRACKAL HOUSE
NEENDAKARA PUTHENTHURA PO
KOLLAM
KERALA - 691582
PH. NO :9633071864



Score	Type 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

JYOLSNA S

for successfully completing the course

**Constitution of India and Environmental Governance:
Administrative and Adjudicatory Process**

with a consolidated score of **55** %

Online Assignments	19.25/25	Proctored Exam	36/75
--------------------	----------	----------------	-------

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **194**

Sep-Dec 2020
(12 week course)

Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



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

Roll No: NPTEL20CY19S51820247

To
KAVYA SATHEESH
ANANDA BHAVANAM
KALARI, PANMANA, CHAVARA P.O, KOLLAM
KOLLAM
KERALA - 691583
PH. NO :8138848183

Score	Type 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

KAVYA SATHEESH

for successfully completing the course

**Co-Ordination Chemistry
(Chemistry of Transition Elements)**

with a consolidated score of **51** %

Online Assignments	21.06/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 212

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

Sep-Dec 2020
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



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

Roll No: NPTEL20BT41S51820165

To
KAVYA S
KANNELIL
KOZHIKODU MEKKU SVM PO
KARUNAGAPPALLY
KERALA - 690573
PH. NO :8943483697



Score	Type 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

KAVYA S

for successfully completing the course

Nanotechnology in Agriculture

with a consolidated score of **65** %

Online Assignments	19.46/25	Proctored Exam	45.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 283

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

Sep-Nov 2020
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



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

Roll No: NPTEL20CY30S71820159

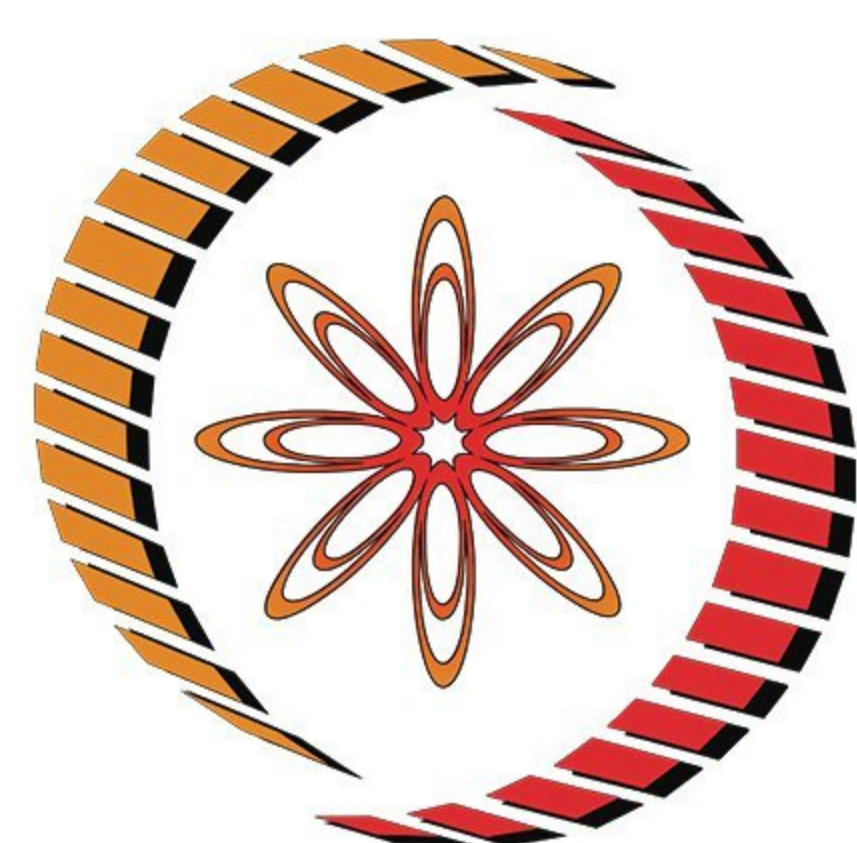
To
KRISHNANUNNI M
KALEECKAL KIZHAKATHIL
MANAKKARA, PO, SASTHAMCOTTAH
KOLLAM
KERALA - 690521
PH. NO :7306039822



Score	Type 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
KRISHNANUNNI M
for successfully completing the course

Introductory Organic Chemistry - I

with a consolidated score of **56** %

Online Assignments	16.25/25	Proctored Exam	39.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 177

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

Sep-Nov 2020
(8 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



IISER - Indian Institute of Science Education
and Research Pune



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

Roll No: NPTEL20BT31S72440016

To
LISHA AJITH
SNEHALAYAM, THOTTAKKADU
P.O, KALLAMBALAM, THIRUVANANTHAPURAM
KERALA - 695605
PH. NO : 7356656339



Score	Type 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

LISHA AJITH

for successfully completing the course

Experimental Biotechnology

with a consolidated score of **56** %

Online Assignments	21.22/25	Proctored Exam	34.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **370**

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: NPTEL20HS60S71820428

To
MADHURIMA M
THIRUVONAM
KALLUMTHAZHAM PO KOLLAM
KOLLAM
KERALA - 691004
PH. NO :9497336994



Score	Type 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

MADHURIMA M

for successfully completing the course

Soft Skills

with a consolidated score of **68** %

Online Assignments	22.91/25	Proctored Exam	45.38/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **3401**

Prof. V. C. Srivastava

Coordinator, Continuing Education Centre
IIT Roorkee

Sep-Dec 2020
(12 week course)

Prof. Inderdeep Singh

NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL20CY30S71820163

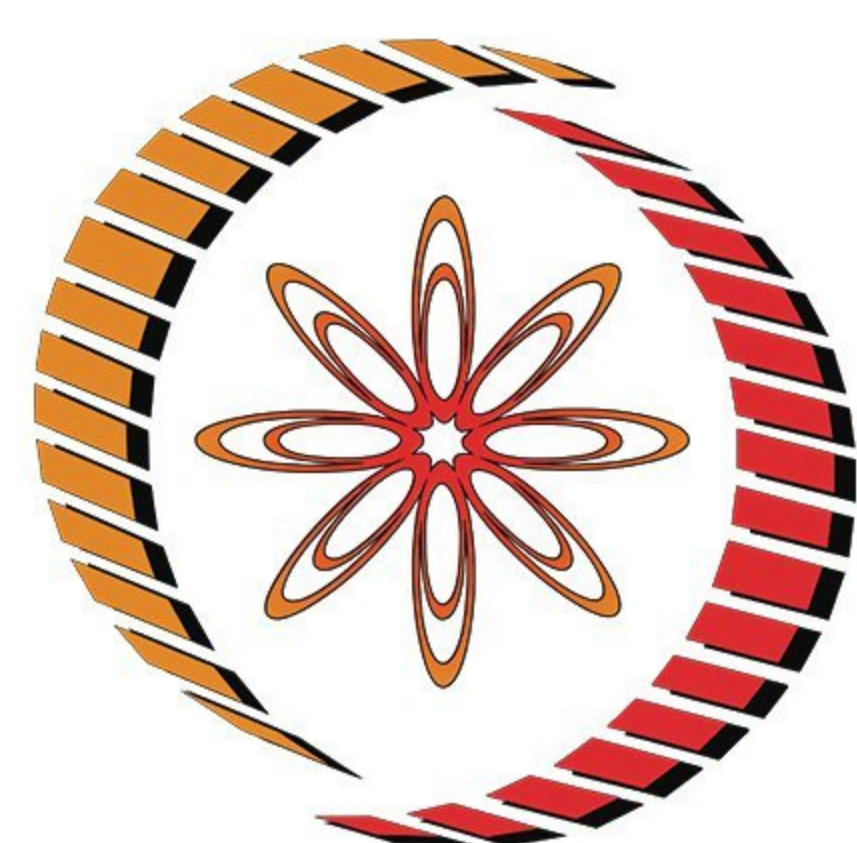
To
ANAKHA S
PUTHUVETTIL
MATHILIL P.O
KOLLAM
KERALA - 691601
PH. NO :7736238189



Score	Type 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

ANAKHA S

for successfully completing the course

Introductory Organic Chemistry - I

with a consolidated score of **63** %

Online Assignments	21.67/25	Proctored Exam	41.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 177

C. Harinath

Prof. Harinath Chakrapani

Dean, International Relations and Outreach
IISER Pune

Sep-Nov 2020
(8 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj

NPTEL Coordinator
IIT Madras



IISER - Indian Institute of Science Education
and Research Pune



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

Roll No: NPTEL20CH23S42440071

To
MIDHUN RAJ I
TC 50/2029 UTHRAM KARAKKADE LANE
KARAKKAMANDAPAM NEMOM P O
THIRUVANANTHAPURAM
KERALA - 695020
PH. NO :9895700853



Score	Type 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.



NPTEL Online Certification

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



This certificate is awarded to

MIDHUN RAJ I

for successfully completing the course

Infrared Spectroscopy for Pollution Monitoring

with a consolidated score of **56** %

Online Assignments	20.00/25	Proctored Exam	36/75
--------------------	----------	----------------	-------

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

Total number of candidates certified in this course: 30

Sep-Oct 2020
(4 week course)

Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore



Indian Institute of Science Bangalore



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

Roll No: NPTEL20PH15S71820170

To

NAYANA S S
SANTHOSH VIHAR, PARUTHIYARA, ODANAVATTOM
P.O,691512, KOLLAM, KERALA
SAINDHAVAM, MAVADY P.O, 691507, PUTHOOR,
KOLLAM, KERALA
KOLLAM
KERALA - 691512
PH. NO :7306295712



Score	Type 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

NAYANA S S

for successfully completing the course

Solid State Physics

with a consolidated score of **64** %

Online Assignments	19.19/25	Proctored Exam	45/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **166**

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

Sep-Dec 2020
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



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

Roll No: NPTEL20CY20S31820102

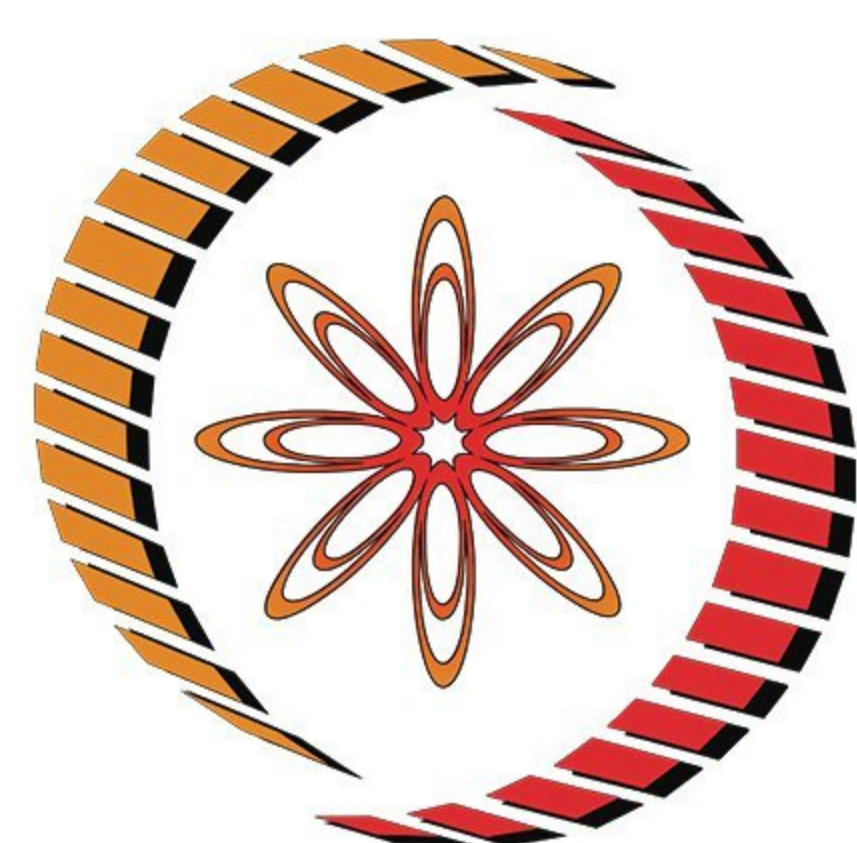
To
NEENA SEKHAR
NEENA BHAVAN
MEENADU, NEDUNGOLAM PO
KOLLAM
KERALA - 691334
PH. NO :9744286864



Score	Type 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
NEENA SEKHAR
for successfully completing the course

Stereochemistry

with a consolidated score of **71** %

Online Assignments	16.71/25	Proctored Exam	54.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **56**

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



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

Roll No: NPTEL20BT42S71820229

To
PADMAASOK
PANAYILVEEDU,
NAVAIKULAM P O, NAVAIKULAM,
THIRUVANANTHAPURAM
KERALA - 695603
PH. NO :8129772036



Score	Type 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

PADMAASOK

for successfully completing the course

Animal Physiology

with a consolidated score of **54** %

Online Assignments	15.00/25	Proctored Exam	39/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 495

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

Sep-Dec 2020
(12 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



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

Roll No: NPTEL20BT29S61820151

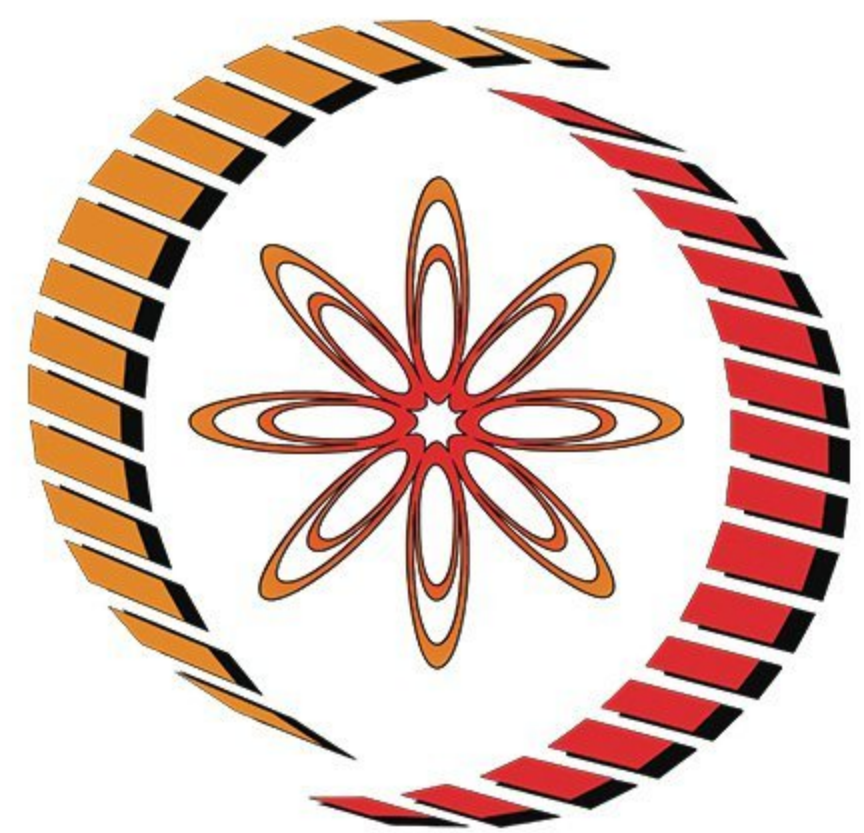
To
PARVATHY R
ETTEKKAL PADINJARE THARA PADA SOUTH
KARUNAGAPPALLY
KARUNAGAPPALLY
KOLLAM
KERALA - 690518
PH. NO :7306136186

Score	Type 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

PARVATHY R

for successfully completing the course



Biomedical Nanotechnology

with a consolidated score of **78** %

Online Assignments	25.00/25	Proctored Exam	52.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **733**

Prof. V. C. Srivastava

Coordinator, Continuing Education Centre
IIT Roorkee

Sep-Oct 2020
(4 week course)

Prof. Inderdeep Singh

NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL20BT32S51820271

To
RUKSANA N
VELIKKADU KODIMEL KODI, ARAFA NAGAR -
106
ERAVIPURAM P.O.
KOLLAM
KERALA - 691011
PH. NO :7306298819



Score	Type 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

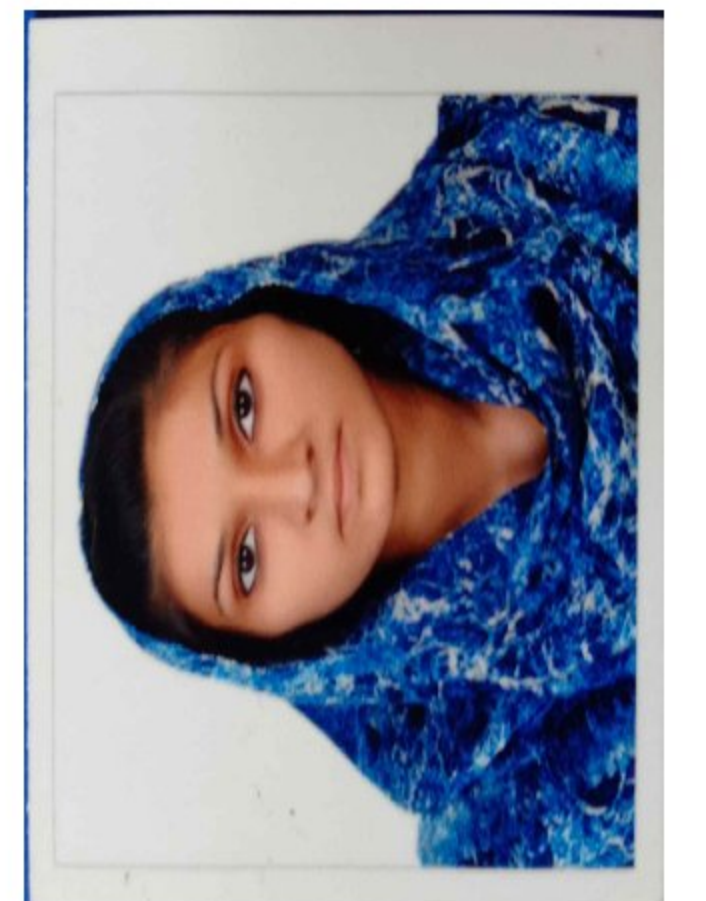
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

NPTEL Online Certification

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



This certificate is awarded to

RUKSANA N

for successfully completing the course

Genetic Engineering: Theory and Application

with a consolidated score of **64** %

Online Assignments	22.34/25	Proctored Exam	42/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 342

Sep-Dec 2020
(12 week course)

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



Indian Institute of Technology Guwahati



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

Roll No: NPTEL20BT39S41820143

To
SAJITHKUMAR K A
KAILAS
MALIBHAGOM CHAVARA SOUTH P O
KOLLAM
KERALA - 691584
PH. NO :9745533973



Score	Type 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
SAJITHKUMAR K A
for successfully completing the course

Wildlife Conservation

with a consolidated score of **62** %

Online Assignments	22.50/25	Proctored Exam	39/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 488

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

Sep-Nov 2020
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



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

Roll No: NPTEL20BT29S61820175

To
SANTHRA SUBASH
ESWRICHA
AKSHARA NAGAR 62.A, KUREPUZHA, KAVANADU
P.O
KOLLAM
KERALA - 691003
PH. NO :7558082238



Score	Type 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

SANTHRA SUBASH

for successfully completing the course

Biomedical Nanotechnology

with a consolidated score of **69** %

Online Assignments	25.00/25	Proctored Exam	44.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **733**

Prof. V. C. Srivastava

Coordinator, Continuing Education Centre
IIT Roorkee

Sep-Oct 2020
(4 week course)

Prof. Inderdeep Singh

NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL20BT29S61820288

To
SANIGA S KUMAR
SANIGA BHAVAN
KUDIKKODU, NEDUMONCAVU P.O
KOLLAM
KERALA - 691509
PH. NO :9495679842



Score	Type 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.



NPTEL Online Certification

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



This certificate is awarded to
SANIGA S KUMAR
for successfully completing the course

Biomedical Nanotechnology

with a consolidated score of **55** %

Online Assignments	25.00/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **733**

Prof. V. C. Srivastava

Coordinator, Continuing Education Centre
IIT Roorkee

Sep-Oct 2020
(4 week course)

Prof. Inderdeep Singh

NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL20PH15S71820213

To
SARANYA BABU
CHENATHU HOUSE
BANK ROAD KAYAMKULAM
ALAPPUZHA
KERALA - 690502
PH. NO :9995154591



Score	Type 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
SARANYA BABU
for successfully completing the course



Solid State Physics

with a consolidated score of **81** %

Online Assignments	21.41/25	Proctored Exam	60/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 166

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

Sep-Dec 2020
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



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

Roll No: NPTEL20HS43S71820498

To
PRIYA PRAKASH S
CHARUVILA PUTHEN VEEDU
ULIYANADU ,KARAMCODE P O
KOLLAM
KERALA - 691579
PH. NO :9895344614



Score	Type 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

PRIYA PRAKASH S

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of **61** %

Online Assignments	18.17/25	Proctored Exam	43.32/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 8393

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

Sep-Nov 2020
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



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

Roll No: NPTEL20MA34S71820011

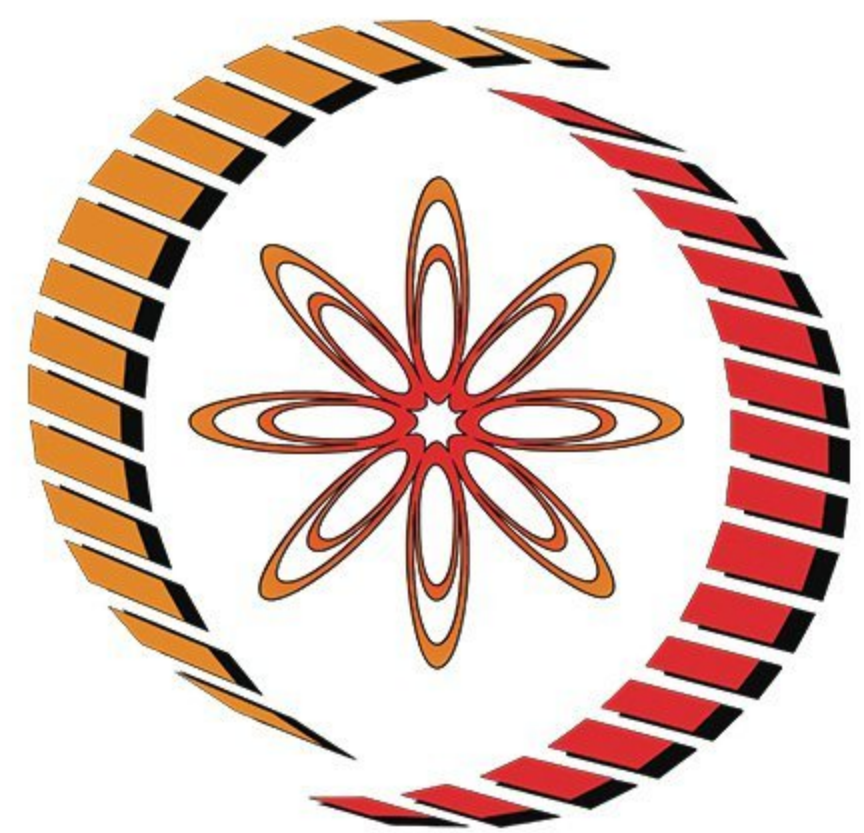
To
SHERIN GEORGE
KIDANGUVILA VADAKKATHIL
MANGAD PO
KOLLAM
KERALA - 691015
PH. NO :8137917252



Score	Type 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

SHERIN GEORGE

for successfully completing the course



Matrix Analysis with Applications

with a consolidated score of **77** %

Online Assignments	24.17/25	Proctored Exam	52.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **159**

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



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

Roll No: NPTEL20BT31S71820211

To
SHYMA N
EITTIPOYKAYIL
KARAMCODE P.O
KOLLAM
KERALA - 691579
PH. NO :6235636386



Score	Type 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

SHYMA N

for successfully completing the course

Experimental Biotechnology

with a consolidated score of **57** %

Online Assignments	22.31/25	Proctored Exam	34.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **370**

Sep-Dec 2020
(12 week course)

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



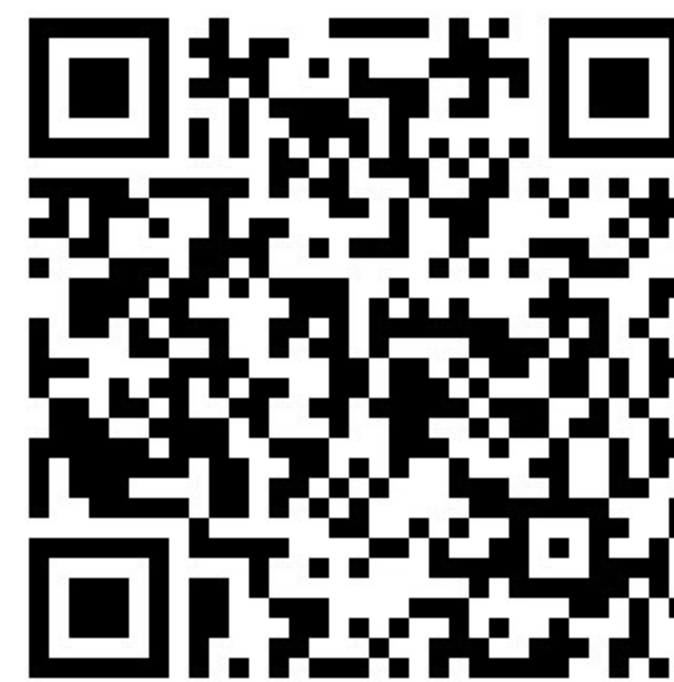
Indian Institute of Technology Guwahati



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: NPTEL20BT29S61820186

To
DR VINOD BS
RESMI
KARICODE, BHARAT NAGAR 14
KOLLAM
KERALA - 691005
PH. NO :9447144677



Score	Type 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 VINOD BS

for successfully completing the course



Biomedical Nanotechnology

with a consolidated score of **83** %

Online Assignments	24.17/25	Proctored Exam	59.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **733**

Prof. V. C. Srivastava

Coordinator, Continuing Education Centre
IIT Roorkee

Sep-Oct 2020
(4 week course)

Prof. Inderdeep Singh

NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL20CY30S71820173

To
A K SNEHA BABU
KAILASAM
ELAMPALLOOR
KOLLAM
KERALA - 691501
PH. NO :9074068066



Score	Type 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

A K SNEHA BABU

for successfully completing the course

Introductory Organic Chemistry - I

with a consolidated score of **64** %

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

Total number of candidates certified in this course: 177

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

Sep-Nov 2020
(8 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



IISER - Indian Institute of Science Education
and Research Pune



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

Roll No: NPTEL20BT31S71820236

To
SOWMYA R
LEENA NIVAS
DECENT JUNCTION
KOLLAM
KERALA - 691577
PH. NO :9633825531



Score	Type 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

SOWMYA R

for successfully completing the course

Experimental Biotechnology

with a consolidated score of **60** %

Online Assignments	20.59/25	Proctored Exam	39.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **370**

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: NPTEL20CY30S71820175

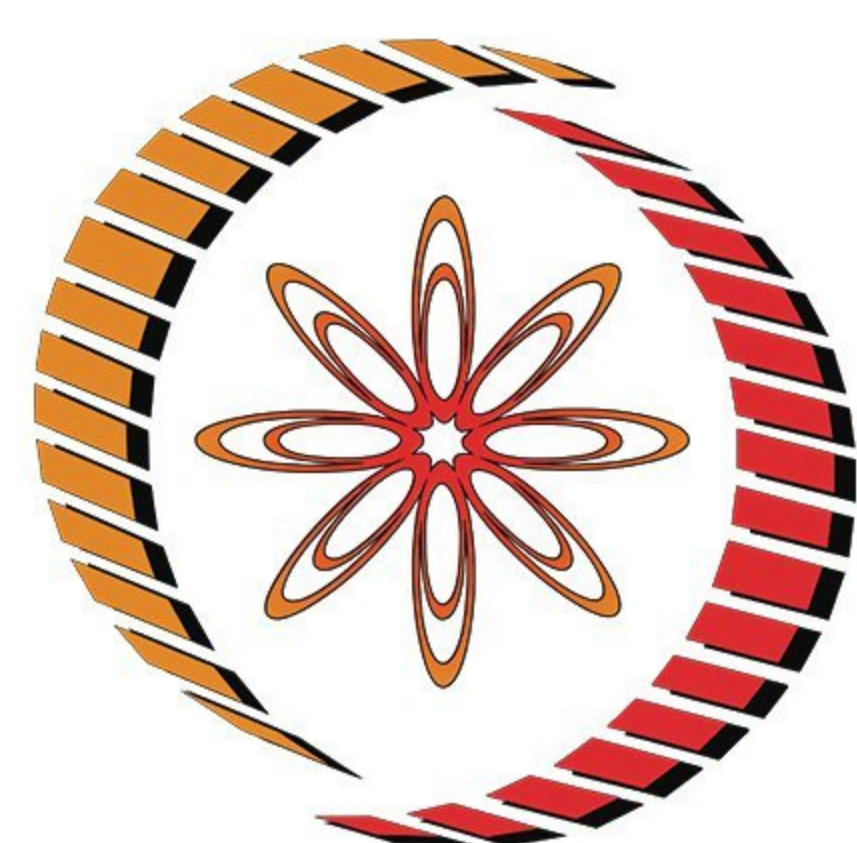
To
SREELEKSHMY P
LEKSHMI NIVAS
KALAKKODE PO BHOOTHAKULAM
PARAVUR
KERALA - 691302
PH. NO :7356448655



Score	Type 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

SREELEKSHMY P

for successfully completing the course

Introductory Organic Chemistry - I

with a consolidated score of **51** %

Online Assignments	16.67/25	Proctored Exam	34.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 177

Prof. Harinath Chakrapani

Dean, International Relations and Outreach
IISER Pune

Sep-Nov 2020
(8 week course)

Prof. Andrew Thangaraj

NPTEL Coordinator
IIT Madras



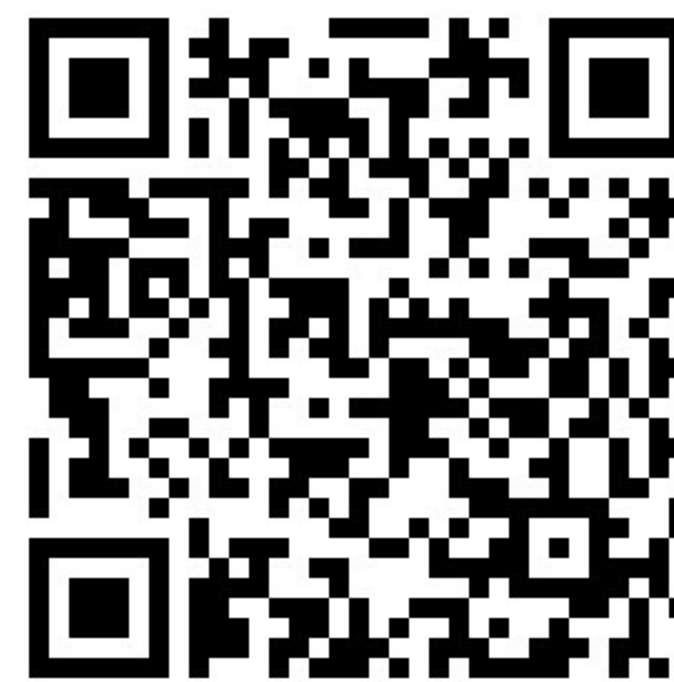
IISER - Indian Institute of Science Education
and Research Pune



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

Roll No: NPTEL20BT29S61820296

To
SREELEKSHMI S
UTHRADAM POIKAYIL
PULIYILA, NALLILA P.O
KOLLAM
KERALA - 691515
PH. NO :8593025694



Score	Type 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

SREELEKSHMI S

for successfully completing the course

Biomedical Nanotechnology

with a consolidated score of **68** %

Online Assignments	25.00/25	Proctored Exam	42.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **733**

Prof. V. C. Srivastava

Coordinator, Continuing Education Centre
IIT Roorkee

Sep-Oct 2020
(4 week course)

Prof. Inderdeep Singh

NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL20CY19S51820265

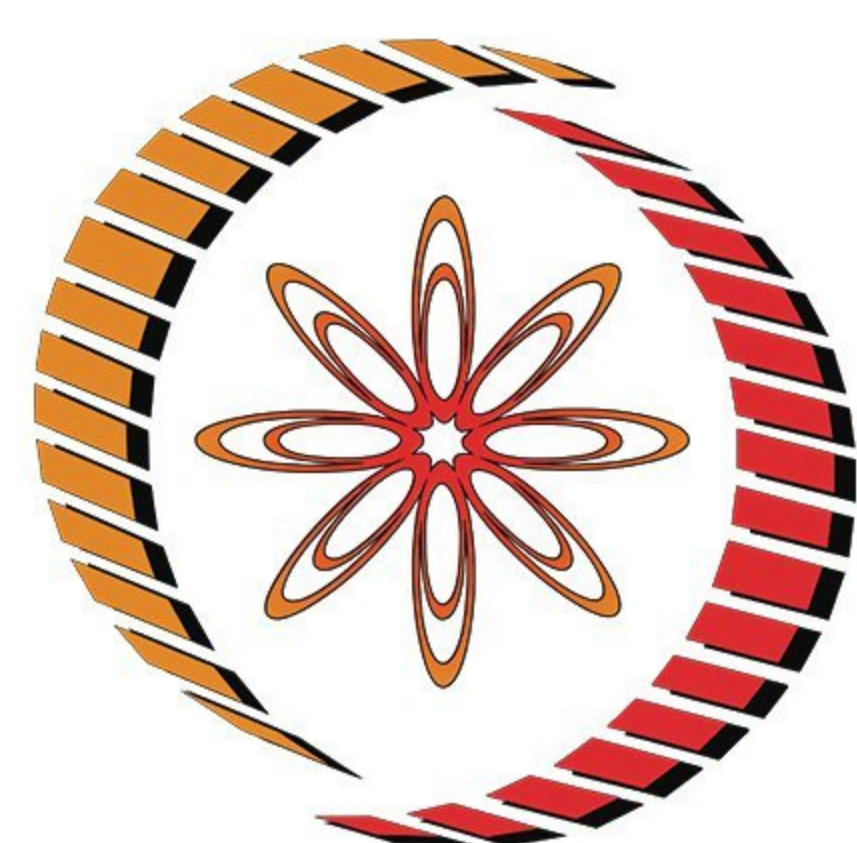
To
SREELEKSHMI S
JANARDHANA VILASAM
NELLETTIL P O POTHAKULAM
KOLLAM
KERALA - 691302
PH. NO :8137810483



Score	Type 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

SREELEKSHMI S

for successfully completing the course

**Co-Ordination Chemistry
(Chemistry of Transition Elements)**

with a consolidated score of **65** %

Online Assignments	18.50/25	Proctored Exam	46.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 212

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

Sep-Dec 2020
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



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

Roll No: NPTEL20CY19S51820085

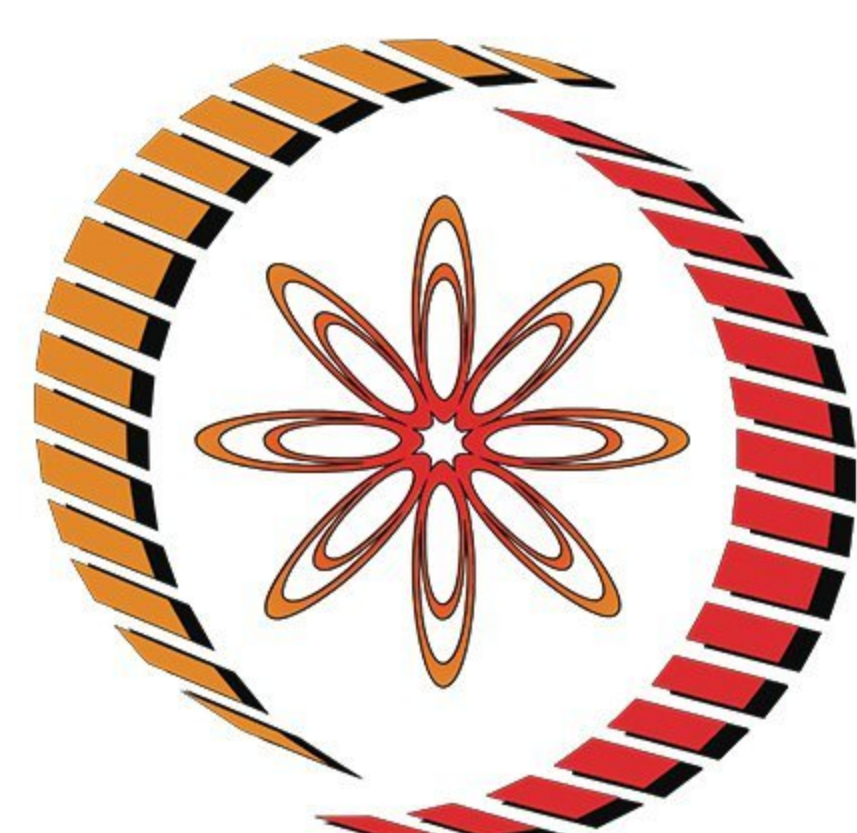
To
SULTHANA FEHROZA P P
PARAMBIL PEEDIKAKKAL HOUSE
PADINHATTUMURI POST, KOOTLANGADI VIA
MALAPPURAM
KERALA - 676506
PH. NO :9895037056



Score	Type 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

SULTHANA FEHROZA P P

for successfully completing the course

**Co-Ordination Chemistry
(Chemistry of Transition Elements)**

with a consolidated score of **66** %

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

Total number of candidates certified in this course: 212

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

Sep-Dec 2020
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



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

Roll No: NPTEL20CY20S31820045

To
SULTHANA FEHROZA P P
PARAMBIL PEEDIKAKKAL HOUSE
PADINHATTUMURI POST, KOOTLANGADI VIA
MALAPPURAM
KERALA - 676506
PH. NO :9895037056



Score	Type 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
SULTHANA FEHROZA P P
for successfully completing the course



Stereochemistry

with a consolidated score of **84** %

Online Assignments	21.21/25	Proctored Exam	63/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 56

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



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

Roll No: NPTEL20CY23S71820076

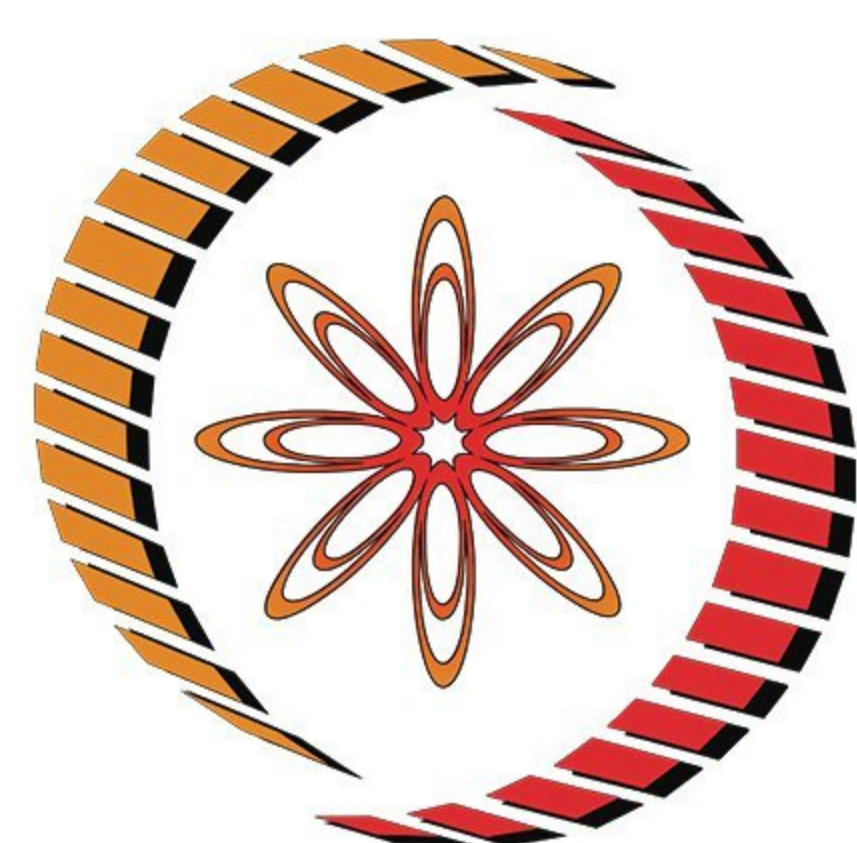
To
SULTHANA FEHROZA P P
PARAMBIL PEEDIKAKKAL HOUSE
PADINHATTUMURI POST, KOOTILANGADI VIA
MALAPPURAM
KERALA - 676506
PH. NO :9895037056



Score	Type 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

SULTHANA FEHROZA P P

for successfully completing the course

**Application of Spectroscopic Methods
in Molecular Structure Determination**

with a consolidated score of **49** %

Online Assignments	17/25	Proctored Exam	32.25/75
--------------------	-------	----------------	----------

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **50**

Sep-Nov 2020
(8 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



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

Roll No: NPTEL20BT29S61820304

To
SWATHI SUNDARESAN
KINATTUVILA PADINJATTATHIL VEEDU
KALLUVATHUKKAL
KOLLAM
KERALA - 691578
PH. NO :9188567529



Score	Type 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.



NPTEL Online Certification

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



This certificate is awarded to
SWATHI SUNDARESAN
for successfully completing the course

Biomedical Nanotechnology

with a consolidated score of **56** %

Online Assignments	24.17/25	Proctored Exam	31.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **733**

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

Sep-Oct 2020
(4 week course)

Prof. Inderdeep Singh
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL20BT35S71820237

To
SYAMASASIDHARAN
CHYTHRAM PARAMBITHARAYIL
NAMBARUVIKALA
KARUNAGAPPALLY, KOLLAM
KERALA - 690573
PH. NO :7510214145



Score	Type 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
SYAMASASIDHARAN
for successfully completing the course

Introduction to Developmental Biology

with a consolidated score of **55** %

Online Assignments	20.59/25	Proctored Exam	34/75
--------------------	----------	----------------	-------

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

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

Sep-Dec 2020
(12 week course)

Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



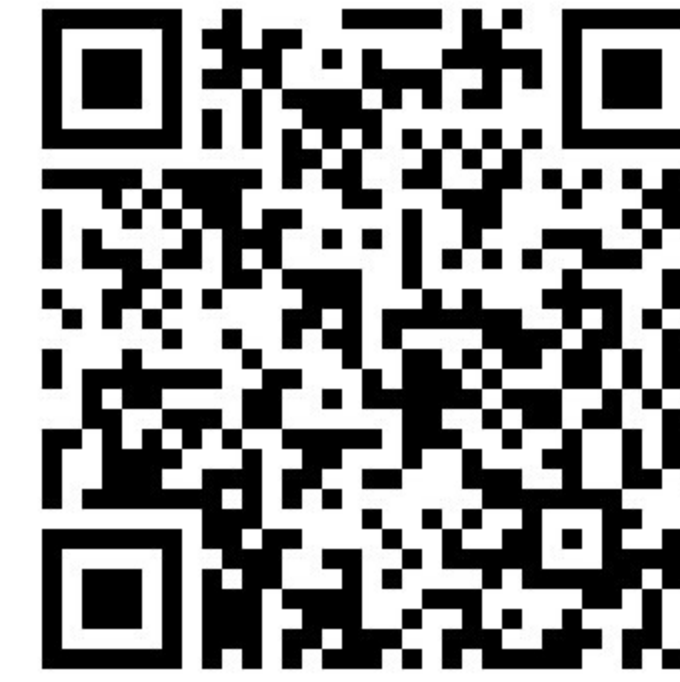
Indian Institute of Technology Madras



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

Roll No: NPTEL20LW02S71820200

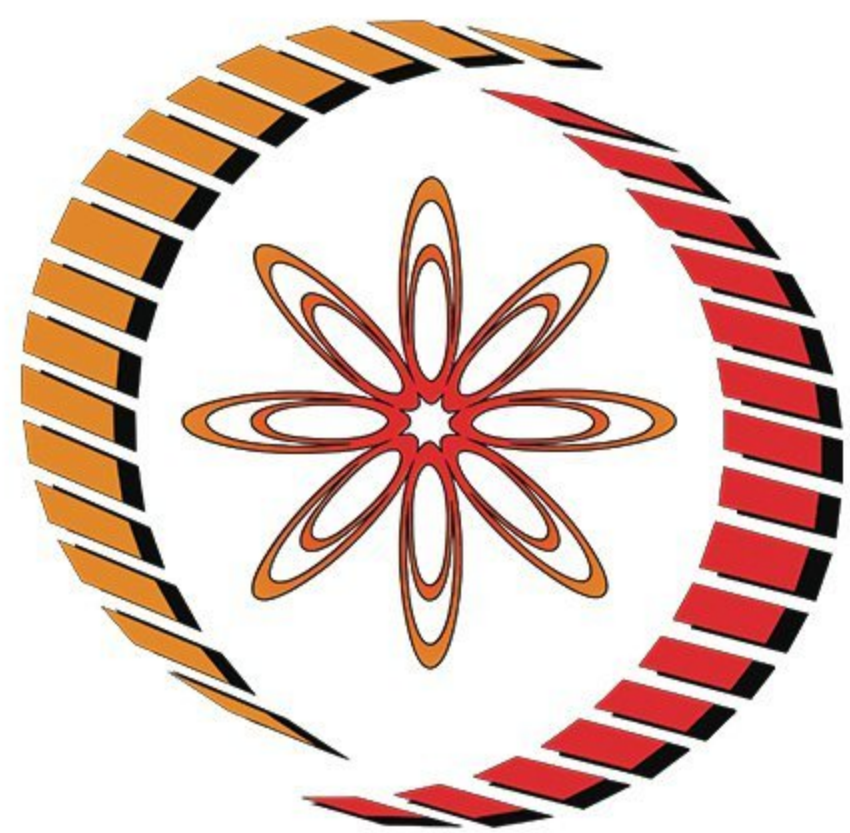
To
KIRAN T P
POURNAMI
KOTTARAKARA
KERALA - 691506
PH. NO :9633727704



Score	Type 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

KIRAN T P

for successfully completing the course

**Constitution of India and Environmental Governance:
Administrative and Adjudicatory Process**

with a consolidated score of **78** %

Online Assignments	19.25/25	Proctored Exam	58.5/75
--------------------	----------	----------------	---------



Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **194**

Sep-Dec 2020
(12 week course)

Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



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

Roll No: NPTEL20CY30S71820177

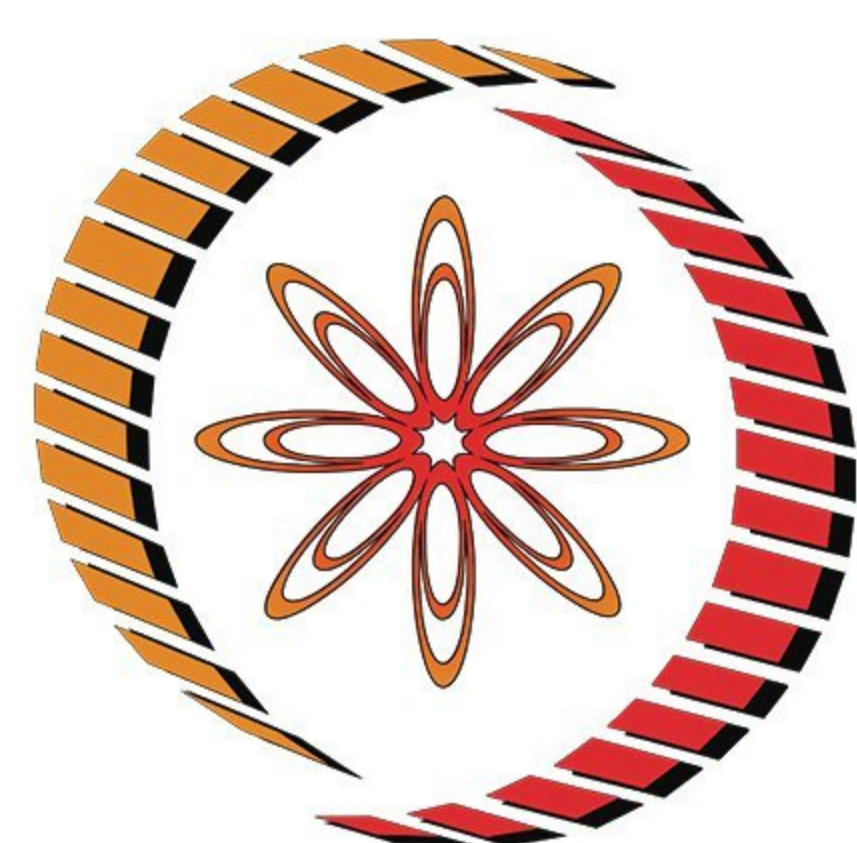
To
VIDHYA PRASAD
SIVALAYAM
KANNANALLOOR P O
KOLLAM
KERALA - 691576
PH. NO :8594064880



Score	Type 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

VIDHYA PRASAD

for successfully completing the course

Introductory Organic Chemistry - I

with a consolidated score of **54** %

Online Assignments	21.25/25	Proctored Exam	32.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 177

C. Harinath

Prof. Harinath Chakrapani

Dean, International Relations and Outreach
IISER Pune

Sep-Nov 2020
(8 week course)

Andrew Thangaraj

Prof. Andrew Thangaraj

NPTEL Coordinator
IIT Madras



IISER - Indian Institute of Science Education
and Research Pune



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

Roll No: NPTEL20CY30S71820179

To
AISWARYA V R
AISWARYA
PALLIMON
KOLLAM
KERALA - 691576
PH. NO :8075104797



Score	Type 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

AISWARYA V R

for successfully completing the course

Introductory Organic Chemistry - I

with a consolidated score of **54** %

Online Assignments	24.17/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 177

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

Sep-Nov 2020
(8 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



IISER - Indian Institute of Science Education
and Research Pune

