



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

MURKUTE ARVIND DAYARAM

for successfully completing the course

Scientific Computing using Matlab

with a consolidated score of **54** %

Online Assignments	16.81/25	Proctored Exam	37.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **138**

Prof. Devendra Jaliha

Chairperson,

Centre for Outreach and Digital Education, IITM

Jan-Apr 2024

(12 week course)

Prof. Andrew Thangaraj

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL24MA41S1260600057

To verify the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
AISHWARYA RAMESH KURLE
for successfully completing the course

Programming in Java

with a consolidated score of **55** %

Online Assignments	24.63/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **14693**

Jan-Apr 2024

(12 week course)

Prof. Haimanti Banerji

Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL24CS43S1060600074

To verify the certificate



No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
LASUNE AMOL SURYAKANT
for successfully completing the course

Cloud Computing

with a consolidated score of **60** %

Online Assignments	24.75/25	Proctored Exam	35.18/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **16686**

Jul-Oct 2023

(12 week course)

Prof. Haimanti Banerji

Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS89S640600061

To verify the certificate



No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
DHOPARE AMRUTA SHANKAR
for successfully completing the course

AI in Marketing

with a consolidated score of **67** %

Online Assignments	21.88/25	Proctored Exam	45/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **3388**

Prof. Kaushik Ghosh,
Professor (Chemistry)
Coordinator CEC

Jan-Apr 2024
(12 week course)

Prof. Ranjana Pathania,
Professor (BSBE)
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL24MG05S960600006

To verify the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

ANJALI BHIMA MUSALE

for successfully completing the course

Programming in Java

with a consolidated score of **50** %

Online Assignments	17.5/25	Proctored Exam	32.5/75
--------------------	---------	----------------	---------

Total number of candidates certified in this course: **14693**

Jan-Apr 2024

(12 week course)

Prof. Haimanti Banerji

Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL24CS43S960600004

To verify the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
ANURADHA SUDHIR BIRAJDAR
for successfully completing the course

Programming in Java

with a consolidated score of **55** %

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

Total number of candidates certified in this course: **14693**

Jan-Apr 2024

(12 week course)

Prof. Haimanti Banerji

Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL24CS43S960600007

To verify the certificate



No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

MOMIN AQSA FATEMA AHEMAD RIYAZODDIN

for successfully completing the course

Python for Data Science

with a consolidated score of **67** %

Online Assignments	22.33/25	Proctored Exam	44.39/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **11953**

Prof. Devendra Jaliha

Chairperson,

Centre for Outreach and Digital Education, IITM

Jan-Feb 2024

(4 week course)

Prof. Andrew Thangaraj

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL24CS54S550100004

To verify the certificate



No. of credits recommended: 1 or 2



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

BEG ASIYA YUSUF

for successfully completing the course

AI in Marketing

with a consolidated score of **73** %

Online Assignments	23.44/25	Proctored Exam	49.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **3388**

Prof. Kaushik Ghosh,
Professor (Chemistry)
Coordinator CEC

Jan-Apr 2024

(12 week course)

Prof. Ranjana Pathania,
Professor (BSBE)
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL24MG05S960600030

To verify the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

PRANJALI SANTRAM MORE

for successfully completing the course

**Renewable Energy Engineering: Solar, Wind and
Biomass Energy Systems**

with a consolidated score of **53** %

Online Assignments	23.44/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **493**

Jan-Apr 2024

(12 week course)

Prof. T. V. Bharat

Head, Centre for Educational Technology
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL24CH26S960600015

To verify the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

PATIL ATHARV AMOL

for successfully completing the course

Introduction to Programming in C

with a consolidated score of **56** %

Online Assignments	24.08/25	Proctored Exam	32.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **2645**

Prof. B. V. Ratish Kumar

Chairman, Centre for Continuing Education
IIT Kanpur

Jan-Mar 2024

(8 week course)

Prof. Satyaki Roy

NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL24CS02S350100013

To verify the certificate



No. of credits recommended: 2 or 3



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
JADHAV BHAKTI BHAGWAT
for successfully completing the course

Programming in Java

with a consolidated score of **52** %

Online Assignments	21.56/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **14693**

Jan-Apr 2024

(12 week course)

Prof. Haimanti Banerji

Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL24CS43S960600016

To verify the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

BHANUSHALI RIYA HIMMAT

for successfully completing the course

Introduction to Programming in C

with a consolidated score of **53** %

Online Assignments	23.13/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **2645**

Prof. B. V. Ratish Kumar

Chairman, Centre for Continuing Education
IIT Kanpur

Jan-Mar 2024

(8 week course)

Prof. Satyaki Roy

NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL24CS02S350100021

To verify the certificate



No. of credits recommended: 2 or 3



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

ABHISHEK CHANDRASEN JOGDAND

for successfully completing the course

Cyber Security and Privacy

with a consolidated score of **65** %

Online Assignments	22.97/25	Proctored Exam	41.63/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **6011**

Devendra Jaliha

Prof. Devendra Jaliha

Chairperson,
Centre for Outreach and Digital Education, IITM

Jul-Oct 2023

(12 week course)

Prof. Andrew Thangaraj

NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS127S540600018

To verify the certificate



No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
CHETNA UMAKANT SHETE
for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **77** %

Online Assignments	22.72/25	Proctored Exam	54/75
--------------------	----------	----------------	-------



Total number of candidates certified in this course: **32882**

Jan-Apr 2024
(12 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL24CS35S560600001

To verify the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
VEDANTI RAVIRAJ DHONDAPURE
for successfully completing the course

Programming in Java

with a consolidated score of **43** %

Online Assignments	13.41/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **14693**

Jan-Apr 2024

(12 week course)

Prof. Haimanti Banerji

Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL24CS43S960600025

To verify the certificate



No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

GANESH GUMADE

for successfully completing the course

Effective Writing

with a consolidated score of **66** %

Online Assignments	22.5/25	Proctored Exam	43.5/75
--------------------	---------	----------------	---------

Total number of candidates certified in this course: **7837**

Prof. Kaushik Ghosh,
Professor (Chemistry)
Coordinator CEC

Jan-Feb 2024

(4 week course)

Prof. Ranjana Pathania,
Professor (BSBE)
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL24HS23S350100024

To verify the certificate



No. of credits recommended: 1 or 2



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SAMRUDDHI SANJAY HINGNE

for successfully completing the course

Problem Solving through Programming In C

with a consolidated score of **40** %

Online Assignments	10.35/25	Proctored Exam	30/75
---------------------------	-----------------	-----------------------	--------------

Total number of candidates certified in this course: **2979**

Jan-Apr 2024

(12 week course)

Prof. Haimanti Banerji

Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL24CS42S560600006

To verify the certificate



No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

KAMBLE MANSI RAMCHANDRA

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of **60** %

Online Assignments	23.5/25	Proctored Exam	36.69/75
--------------------	---------	----------------	----------

Total number of candidates certified in this course: **9659**

Prof. B. V. Ratish Kumar

Chairman, Centre for Continuing Education
IIT Kanpur

Jul-Sep 2023

(8 week course)

Prof. Satyaki Roy

NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL23HS116S34990090

To verify the certificate



No. of credits recommended: 2 or 3



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
LUKKE ANKITA SHIVSHANKAR
for successfully completing the course

Programming in Java

with a consolidated score of **60** %

Online Assignments	24.41/25	Proctored Exam	35.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **11713**

Jul-Oct 2023

(12 week course)

Prof. Haimanti Banerji

Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS74S740600052

To verify the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

JANGAPALLE MAHESH VITHALRAO

for successfully completing the course

Research Methodology

with a consolidated score of **58** %

Online Assignments	22.08/25	Proctored Exam	36/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **3794**

Devendra Jalihal

Prof. Devendra Jalihal

Chairperson,

Centre for Outreach and Digital Education, IITM

Aug-Oct 2023

(8 week course)

Prof. Andrew Thangaraj

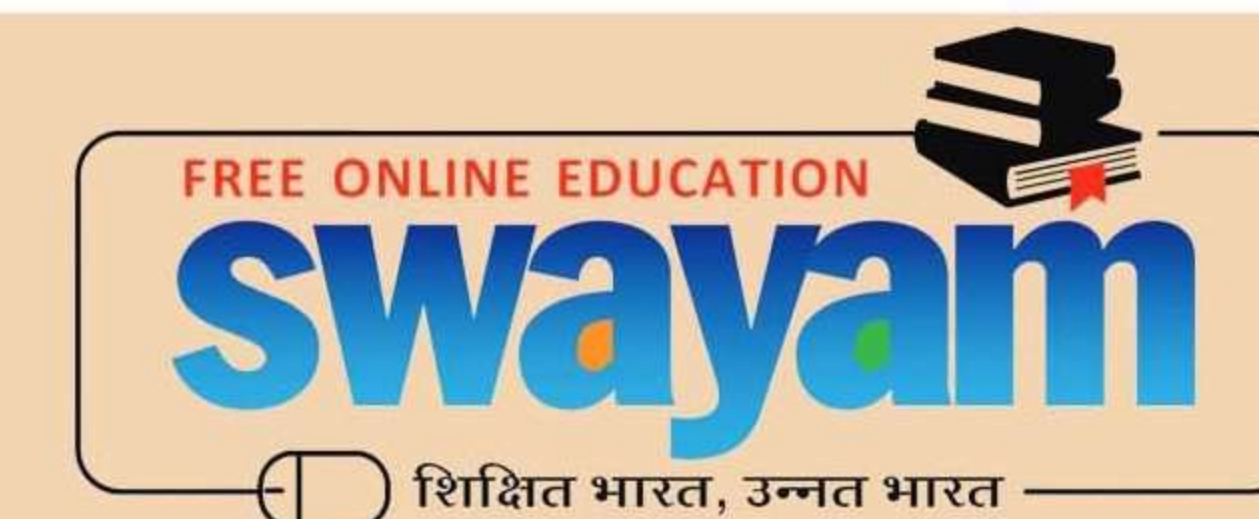
Prof. Andrew Thangaraj

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23GE36S540600036

To verify the certificate



No. of credits recommended: 2 or 3



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
MANE VAISHNAVI PANDURANG
for successfully completing the course

Programming in Java

with a consolidated score of **55** %

Online Assignments	24.69/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **14693**

Jan-Apr 2024

(12 week course)

Prof. Haimanti Banerji

Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL24CS43S960600037

To verify the certificate



No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
BOLEGAVE MAYUR MANOHAR
for successfully completing the course



Business Analytics & Text Mining Modeling Using Python

with a consolidated score of **84** %

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

Total number of candidates certified in this course: **1114**

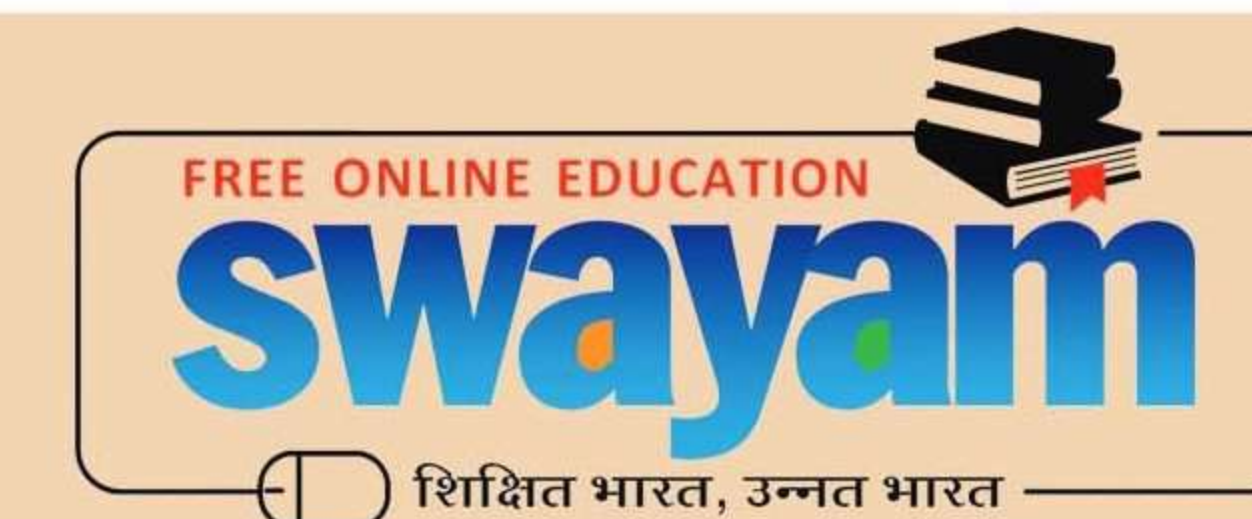
Prof. Kaushik Ghosh,
Professor (Chemistry)
Coordinator CEC

Jul-Sep 2023
(8 week course)

Prof. Ranjana Pathania,
Professor (BSBE)
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL23MG104S34990081

To verify the certificate



No. of credits recommended: 2 or 3



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

HASHMI MUSHTAKH RAHIMODDIN

for successfully completing the course

Experimental Biotechnology

with a consolidated score of **63** %

Online Assignments	20.31/25	Proctored Exam	42.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **589**

Jul-Oct 2023

(12 week course)

Prof. T. V. Bharat

Head, Centre for Educational Technology
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL23BT56S740600081

To verify the certificate



No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

LOKARE NIKITA BALASAHEB

for successfully completing the course

Programming in Java

with a consolidated score of **71** %

Online Assignments	23.13/25	Proctored Exam	47.96/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **11713**

Jul-Oct 2023

(12 week course)

Prof. Haimanti Banerji

Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS74S740600074

To verify the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
VAIRAGE ONKAR ANKUSH
for successfully completing the course

Python for Data Science

with a consolidated score of **50** %

Online Assignments	16/25	Proctored Exam	33.68/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **11953**

Prof. Devendra Jaliha

Chairperson,
Centre for Outreach and Digital Education, IITM

Jan-Feb 2024

(4 week course)

Prof. Andrew Thangaraj

NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL24CS54S650100039

To verify the certificate



No. of credits recommended: 1 or 2



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

PAWAR AMRUTA MADHUKAR

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **70** %

Online Assignments	17.1/25	Proctored Exam	52.5/75
--------------------	---------	----------------	---------

Total number of candidates certified in this course: **32882**

Jan-Apr 2024

(12 week course)

Prof. Haimanti Banerji

Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL24CS35S660600032

To verify the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
DNYANOBA NAGANATH PANDAGE
for successfully completing the course

Python for Data Science

with a consolidated score of **49** %

Online Assignments	13.83/25	Proctored Exam	35.21/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **11953**

Prof. Devendra Jaliha

Chairperson,
Centre for Outreach and Digital Education, IITM

Jan-Feb 2024

(4 week course)

Prof. Andrew Thangaraj

NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL24CS54S650100048

To verify the certificate



No. of credits recommended: 1 or 2



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
PARMESHWAR BIRAJDAR
for successfully completing the course

Programming in Java

with a consolidated score of **56** %

Online Assignments	23.88/25	Proctored Exam	32/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **14693**

Jan-Apr 2024

(12 week course)

Prof. Haimanti Banerji

Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL24CS43S960600052

To verify the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

PRITI BALAJI SURYAWANSHI

for successfully completing the course

Cell Biology: Cellular Organization, Division and Processes

with a consolidated score of **54** %

Online Assignments	17.92/25	Proctored Exam	36/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **1557**

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

Jan-Mar 2024

(8 week course)

Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore



Indian Institute of Science Bangalore



Roll No: NPTEL24BT18S450100111

To verify the certificate



No. of credits recommended: 2 or 3



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
RADHA GANESH SURYAWANSHI
for successfully completing the course

Programming in Java

with a consolidated score of **66** %

Online Assignments	23.94/25	Proctored Exam	41.58/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **14693**

Jan-Apr 2024

(12 week course)

Prof. Haimanti Banerji

Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL24CS43S1060600082

To verify the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

ROHINI UMAKANT KENDRE

for successfully completing the course

Data Base Management System

with a consolidated score of **49** %

Online Assignments	18.54/25	Proctored Exam	30.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **6225**

Jan-Mar 2024

(8 week course)

Prof. Haimanti Banerji

Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL24CS21S550100019

To verify the certificate



No. of credits recommended: 2 or 3



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

RUSHIKESH SATYAWAN BURBURE

for successfully completing the course

**Renewable Energy Engineering: Solar, Wind and
Biomass Energy Systems**

with a consolidated score of **60** %

Online Assignments	21.35/25	Proctored Exam	38.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **493**

Jan-Apr 2024

(12 week course)

Prof. T. V. Bharat

Head, Centre for Educational Technology
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati

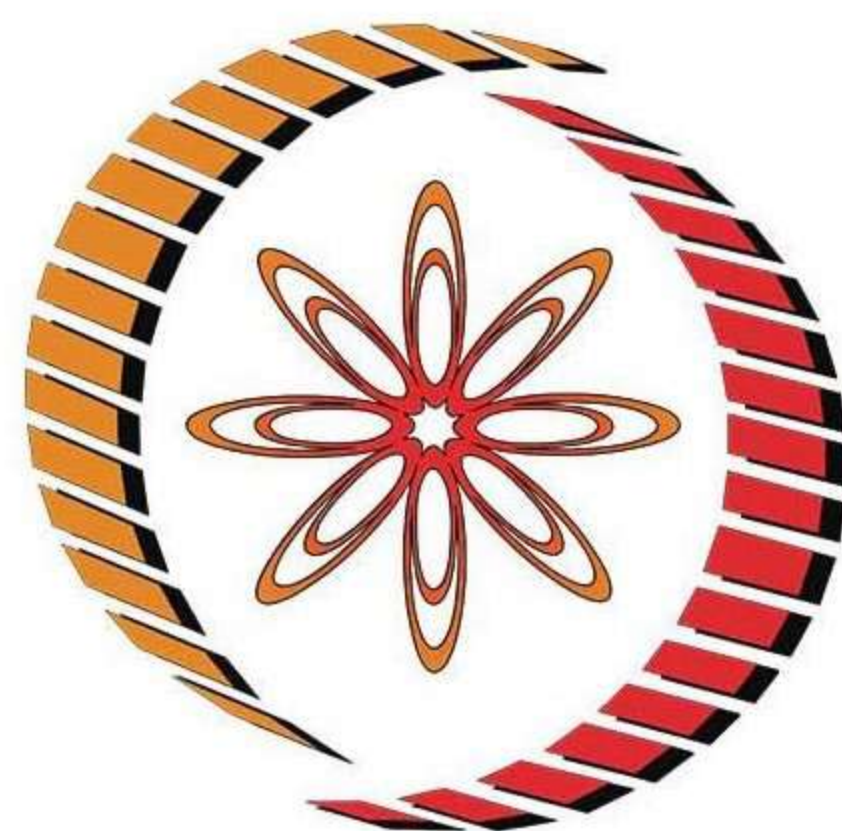


Roll No: NPTEL24CH26S1060600079

To verify the certificate



No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

RANDVE SACHIN BABURAV

for successfully completing the course

Cloud Computing

with a consolidated score of **63** %

Online Assignments	24.69/25	Proctored Exam	38.27/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **16686**

Jul-Oct 2023

(12 week course)

Prof. Haimanti Banerji

Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS89S640600070

To verify the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
SAKSHI RAMESH SHINGANAPURE
for successfully completing the course

Programming in Java

with a consolidated score of **51** %

Online Assignments	19.69/25	Proctored Exam	31.13/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **14693**

Jan-Apr 2024

(12 week course)

Prof. Haimanti Banerji

Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur

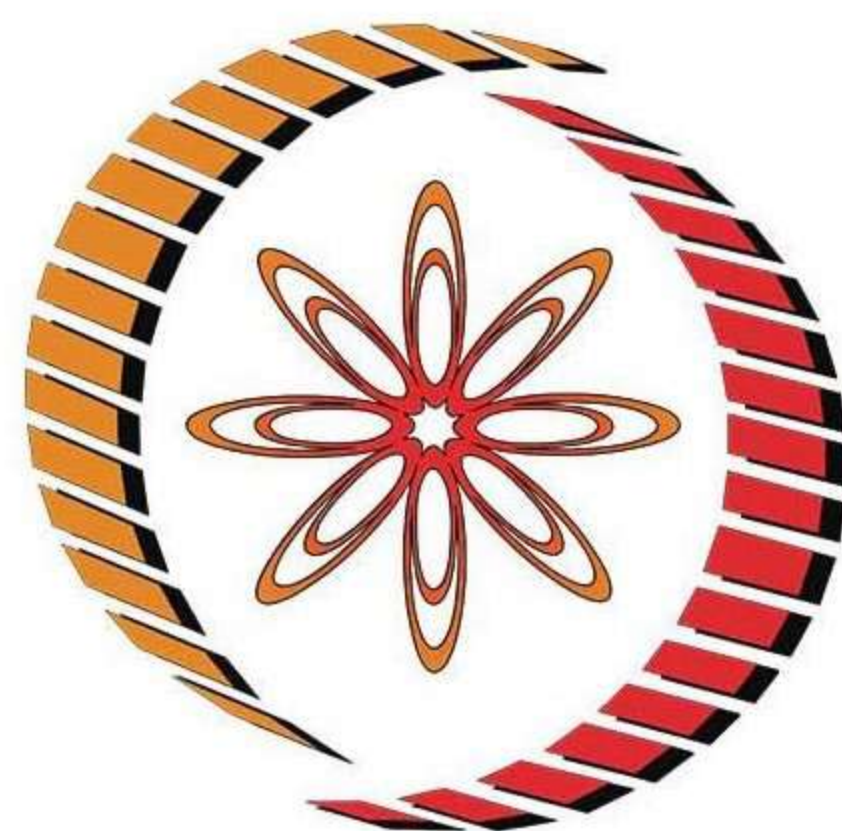


Roll No: NPTEL24CS43S1060600092

To verify the certificate



No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SAKSHI BHANDARE

for successfully completing the course

Programming in Java

with a consolidated score of **60** %

Online Assignments	23.44/25	Proctored Exam	36.71/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **14693**

Jan-Apr 2024

(12 week course)

Prof. Haimanti Banerji

Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL24CS43S1060600094

To verify the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
SANGULE VITTHAL NAGORAO
for successfully completing the course

Software Testing

with a consolidated score of **44** %

Online Assignments	14.38/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **2177**

Dr. Chandrashekar Ramanathan

Chairman

Professor and Dean (Academics), IIT- Bangalore

Jul-Oct 2023

(12 week course)

Prof. Andrew Thangaraj

NPTEL, Coordinator

IIT Madras



INTERNATIONAL INSTITUTE
OF INFORMATION TECHNOLOGY BANGALORE



Roll No: NPTEL23CS91S740600083

To verify the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SATPUTE SANJYOT BALAJI

for successfully completing the course

Renewable Energy Engineering: Solar, Wind and Biomass Energy Systems

with a consolidated score of **52** %

Online Assignments	21.72/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **493**

Jan-Apr 2024

(12 week course)

Prof. T. V. Bharat

Head, Centre for Educational Technology
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati





NPTEL Online Certification

(Funded by the MoE, Govt. of India)



ATHARV SURVASE

19/04/2022

This certificate is awarded to

ATHARV YOGESH SURVASE

for successfully completing the course

**Renewable Energy Engineering: Solar, Wind and
Biomass Energy Systems**

with a consolidated score of **53** %

Online Assignments	21.72/25	Proctored Exam	31.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **493**

Jan-Apr 2024

(12 week course)

Prof. T. V. Bharat

Head, Centre for Educational Technology
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL24CH26S1060600101

To verify the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
JADHAV SAURABH SATISH
for successfully completing the course

Molecular Biology

with a consolidated score of **52** %

Online Assignments	22.47/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **536**

Jan-Apr 2024

(12 week course)

Prof. T. V. Bharat

Head, Centre for Educational Technology
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL24BT07S660600031

To verify the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
SAYALI BABURAO DAHIWADE
for successfully completing the course

Molecular Biology

with a consolidated score of **50** %

Online Assignments	20.38/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **536**

Jan-Apr 2024

(12 week course)

Prof. T. V. Bharat

Head, Centre for Educational Technology
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL24BT07S660600035

To verify the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SHAILESH JAMGE

for successfully completing the course

Introduction to Programming in C

with a consolidated score of **42** %

Online Assignments	11.79/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **2645**

Prof. B. V. Ratish Kumar

Chairman, Centre for Continuing Education
IIT Kanpur

Jan-Mar 2024

(8 week course)

Prof. Satyaki Roy

NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL24CS02S450100088

To verify the certificate



No. of credits recommended: 2 or 3



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
SHIVANI BALAJI REVADKAR
for successfully completing the course

Programming in Java

with a consolidated score of **56** %

Online Assignments	25/25	Proctored Exam	31.38/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **14693**

Jan-Apr 2024

(12 week course)

Prof. Haimanti Banerji

Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL24CS43S1060600102

To verify the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
SHRADDHA MADHAV MANALE
for successfully completing the course

Programming in Java

with a consolidated score of **58** %

Online Assignments	25/25	Proctored Exam	32.66/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **14693**

Jan-Apr 2024

(12 week course)

Prof. Haimanti Banerji

Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL24CS43S1060600104

To verify the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
MORE SHRADDHA ABASAHEB
for successfully completing the course

Cloud Computing

with a consolidated score of **55** %

Online Assignments	20.69/25	Proctored Exam	34.7/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **16686**

Jul-Oct 2023

(12 week course)

Prof. Haimanti Banerji

Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS89S640600079

To verify the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
MORE SHRADDHA ABASAHEB
for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **57** %

Online Assignments	17.5/25	Proctored Exam	39/75
--------------------	---------	----------------	-------

Total number of candidates certified in this course: **32882**

Jan-Apr 2024

(12 week course)

Prof. Haimanti Banerji

Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL24CS35S660600038

To verify the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

LAMTURE SONALI RAMESH

for successfully completing the course

Experimental Biotechnology

with a consolidated score of **50** %

Online Assignments	14.5/25	Proctored Exam	35.25/75
--------------------	---------	----------------	----------

Total number of candidates certified in this course: **589**

Jul-Oct 2023

(12 week course)

Prof. T. V. Bharat

Head, Centre for Educational Technology
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL23BT56S840600143

To verify the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SAMIKSHA ANAND SONTAKKE

for successfully completing the course

**Renewable Energy Engineering: Solar, Wind and
Biomass Energy Systems**

with a consolidated score of **55** %

Online Assignments	22.5/25	Proctored Exam	32.25/75
--------------------	---------	----------------	----------

Total number of candidates certified in this course: **493**

Jan-Apr 2024

(12 week course)

Prof. T. V. Bharat

Head, Centre for Educational Technology
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL24CH26S1060600113

To verify the certificate



No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SUDE SHAMBHAVI DINKAR

for successfully completing the course

Financial Institutions and Markets

with a consolidated score of **61** %

Online Assignments	23.13/25	Proctored Exam	38.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **446**

Jan-Apr 2024

(12 week course)

Prof. Haimanti Banerji

Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL24MG20S1060600107

To verify the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
SUHAS HANUMANT MHETRE
for successfully completing the course

Biochemistry

with a consolidated score of **47** %

Online Assignments	15.03/25	Proctored Exam	32.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **228**

Jan-Apr 2024

(12 week course)

Prof. Haimanti Banerji

Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL24CY06S660600040

To verify the certificate



No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

GUND SURAJ MADHUKAR

for successfully completing the course

Renewable Energy Engineering: Solar, Wind and Biomass Energy Systems

with a consolidated score of **64** %

Online Assignments	21.72/25	Proctored Exam	42.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **493**

Jan-Apr 2024

(12 week course)

Prof. T. V. Bharat

Head, Centre for Educational Technology
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL24CH26S1060600123

To verify the certificate



No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
SWAMI SARSWATI GURUNATH
for successfully completing the course

Introduction to Programming in C

with a consolidated score of **61** %

Online Assignments	20.83/25	Proctored Exam	39.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **2645**

Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Jan-Mar 2024
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL24CS02S450100110

To verify the certificate



No. of credits recommended: 2 or 3



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
TAKBHATE RUTUJA VYANKAT
for successfully completing the course

Introduction to Programming in C

with a consolidated score of **51** %

Online Assignments	20.83/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **2645**

Prof. B. V. Ratish Kumar

Chairman, Centre for Continuing Education
IIT Kanpur

Jan-Mar 2024

(8 week course)

Prof. Satyaki Roy

NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL24CS02S450100114

To verify the certificate



No. of credits recommended: 2 or 3



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
VAISHNAVI VIRENDRA MALWAD
for successfully completing the course

Programming in Java

with a consolidated score of **56** %

Online Assignments	25/25	Proctored Exam	30.86/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **14693**

Jan-Apr 2024

(12 week course)

Prof. Haimanti Banerji

Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL24CS43S1060600112

To verify the certificate



No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
VAISHNAVI GANESH SHINDE
for successfully completing the course

Programming in Java

with a consolidated score of **60** %

Online Assignments	24.69/25	Proctored Exam	35.45/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **14693**

Jan-Apr 2024

(12 week course)

Prof. Haimanti Banerji

Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL24CS43S1060600114

To verify the certificate



No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
VAISHNAVI SATISH MANE
for successfully completing the course

Molecular Biology

with a consolidated score of **62** %

Online Assignments	18.6/25	Proctored Exam	43.5/75
--------------------	---------	----------------	---------

Total number of candidates certified in this course: **536**

Jan-Apr 2024

(12 week course)

Prof. T. V. Bharat

Head, Centre for Educational Technology
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL24BT07S660600039

To verify the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
VAISHNAVI BABRUWAN JADHAV
for successfully completing the course

Introduction to Programming in C

with a consolidated score of **55** %

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

Total number of candidates certified in this course: **2645**

Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Jan-Mar 2024
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL24CS02S450100134

To verify the certificate



No. of credits recommended: 2 or 3



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
VAISHNAVI NAMDEV KATE
for successfully completing the course

Cloud Computing

with a consolidated score of **65** %

Online Assignments	24.69/25	Proctored Exam	40.31/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **16686**

Jul-Oct 2023

(12 week course)

Prof. Haimanti Banerji

Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS89S640600106

To verify the certificate



No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
VAISHNAVI NAMDEV KATE
for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **81** %

Online Assignments	21.44/25	Proctored Exam	60/75
--------------------	----------	----------------	-------



Total number of candidates certified in this course: **32882**

Jan-Apr 2024
(12 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL24CS35S660600044

To verify the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
WAGHMARE PRACHI ASHOK
for successfully completing the course

Programming in Java

with a consolidated score of **55** %

Online Assignments	25/25	Proctored Exam	30.1/75
--------------------	-------	----------------	---------

Total number of candidates certified in this course: **14693**

Jan-Apr 2024

(12 week course)

Prof. Haimanti Banerji

Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL24CS43S1060600116

To verify the certificate



No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

TIWARI YASH YOGESH

for successfully completing the course

Effective Writing

with a consolidated score of **73** %

Online Assignments	23.33/25	Proctored Exam	49.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **7837**

Prof. Kaushik Ghosh,
Professor (Chemistry)
Coordinator CEC

Jan-Feb 2024

(4 week course)

Prof. Ranjana Pathania,
Professor (BSBE)
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL24HS23S450100131

To verify the certificate



No. of credits recommended: 1 or 2