



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
BABITA SINGH
for successfully completing the course

Advanced Thermodynamics and Combustion

with a consolidated score of **44** %

Online Assignments	14.16/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **25**

Jul-Oct 2022
(12 week course)

Prof. T. V. Bharat
Head, Centre for Educational Technology
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL22ME97S63080931

To validate 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
BHABANI PRASAD SAHOO
for successfully completing the course

Stress Management

with a consolidated score of **66** %

Online Assignments	23.33/25	Proctored Exam	42.86/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **1257**

Aug-Sep 2022
(4 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22MG111543080860

To validate 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

BISHAL PARIDA

for successfully completing the course

Programming in Java

with a consolidated score of **72** %

Online Assignments	23.34/25	Programming Assignment	20/25	Proctored Exam	29/50
--------------------	----------	------------------------	-------	----------------	-------

Total number of candidates certified in this course: **6899**

Jul-Oct 2022

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS102S53100013

To validate 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
CHANDRADHWAJ NAYAK
for successfully completing the course



Principles and Practices of Process Equipment and Plant Design

with a consolidated score of **86** %

Online Assignments	24.06/25	Proctored Exam	61.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **45**

Jul-Oct 2022
(12 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CH48S63080661

To validate the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
PRAVA BEHERA
for successfully completing the course

Robotics

with a consolidated score of **55** %

Online Assignments	22.08/25	Proctored Exam	33/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **418**

Jul-Sep 2022
(8 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22ME109S13030130

To validate 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
GAURAB KUMAR GHOSH
for successfully completing the course



Basics of Finite Element Analysis - I

with a consolidated score of **91** %

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

Total number of candidates certified in this course: **122**

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

Jul-Sep 2022

(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



स्वच्छिणत ढारत, उणुत ढारत

Roll No: NPTEL22ME86S13030045

To validate 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
JULY RANDHARI
for successfully completing the course

Biomechanics of Joints and Orthopaedic Implants

with a consolidated score of **68** %

Online Assignments	17.38/25	Proctored Exam	51/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **164**

Aug-Oct 2022
(8 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22ME126S63080693

To validate 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

KRUSHNASHREE SUSHREE SANGITA SAHOO

for successfully completing the course

Heat Exchangers: Fundamentals and Design Analysis

with a consolidated score of **68** %

Online Assignments	20.81/25	Proctored Exam	47/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **41**

Jul-Oct 2022

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22ME106S43080926

To validate 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
KSHETRAMOHAN SAHOO
for successfully completing the course

Principles and Practices of Process Equipment and Plant Design

with a consolidated score of **75** %

Online Assignments	17.81/25	Proctored Exam	57/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **45**

Jul-Oct 2022
(12 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CH48S63081430

To validate the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
LAKHMIKANTA MISHRA
for successfully completing the course

Introduction to Semiconductor Devices

with a consolidated score of **57** %

Online Assignments	20.5/25	Proctored Exam	36/75
--------------------	---------	----------------	-------

Total number of candidates certified in this course: **132**

Prof. B Umashankar

Chairperson, Centre for Continued Education (CCE)
IIT Hyderabad

Jul-Oct 2022

(12 week course)

Prof. Andrew Thangaraj

NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Hyderabad



स्वच्छ भारत, उन्नत भारत

Roll No: NPTEL22EE91S53080456

To validate the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
LAKHMIKANTA MISHRA
for successfully completing the course

Semiconductor Devices and Circuits

with a consolidated score of **56** %

Online Assignments	21.56/25	Proctored Exam	34.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **44**

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

Jul-Oct 2022

(12 week course)

Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore



Indian Institute of Science Bangalore



Roll No: NPTEL22EE97S43080782

To validate 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
ANAND GUPTA
for successfully completing the course

Thermodynamics

with a consolidated score of **65** %

Online Assignments	23.72/25	Proctored Exam	41.02/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **23**

Devendra Jalihal

Prof. Devendra Jalihal

Chairperson,
Centre for Outreach and Digital Education, IITM

Jul-Oct 2022

(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj

NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



स्वायत्त भारत, उन्नत भारत

Roll No: NPTEL22ME88S63081440

To validate 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
PRASANNA JENA
for successfully completing the course



Programming in Java

with a consolidated score of **80** %

Online Assignments	25/25	Programming Assignment	25/25	Proctored Exam	30.34/50
--------------------	-------	------------------------	-------	----------------	----------

Total number of candidates certified in this course: **6899**

Jul-Oct 2022
(12 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS102563100038

To validate 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
PRIYANSU PRIYADARSAN BEHERA
for successfully completing the course

Product Design and Development

with a consolidated score of **62** %

Online Assignments	23.33/25	Proctored Exam	39/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **498**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jul-Aug 2022

(4 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



स्वायत्त भारत, उन्नत भारत

Roll No: NPTEL22ME134S13030159

To validate the certificate



No. of credits recommended: 1 or 2



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
RABINDRA KUMAR DASH
for successfully completing the course

Principles and Practices of Process Equipment and Plant Design

with a consolidated score of **57** %

Online Assignments	23.75/25	Proctored Exam	33.68/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **45**

Jul-Oct 2022
(12 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CH48S53080062

To validate 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
RABIRANJAN MURMU
for successfully completing the course



Technologies for Clean and Renewable Energy Production

with a consolidated score of **79** %

Online Assignments	24.58/25	Proctored Exam	54.69/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **371**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jul-Sep 2022

(8 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22CH38S13030052

To validate the certificate



No. of credits recommended: 2 or 3



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
RAJAT KUMAR BEHERA
for successfully completing the course

Robotics

with a consolidated score of **54** %

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

Total number of candidates certified in this course: **418**

Jul-Sep 2022
(8 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22ME109S14260007

To validate 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
RAMA KRISHNA SAMANTARAY
for successfully completing the course



Introduction to Composites

with a consolidated score of **75** %

Online Assignments	16.56/25	Proctored Exam	58/75
--------------------	----------	----------------	-------

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

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

Jul-Oct 2022

(12 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL22ME87S53081842

To validate 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
SWAYAM PRAKASH NANDA
for successfully completing the course



Principles and Practices of Process Equipment and Plant Design

with a consolidated score of **75** %

Online Assignments	22.81/25	Proctored Exam	52/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **45**

Jul-Oct 2022
(12 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CH48S63110105

To validate 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
DIBYA RANJAN ROUT
for successfully completing the course

Principles and Practices of Process Equipment and Plant Design

with a consolidated score of **63** %

Online Assignments	22.81/25	Proctored Exam	40.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **45**

Jul-Oct 2022
(12 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CH48S63100065

To validate 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
AKASH SAHOO
for successfully completing the course

Advanced Machining Processes

with a consolidated score of **61** %

Online Assignments	24.79/25	Proctored Exam	36.13/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **937**

Aug-Oct 2022
(8 week course)

Prof. T. V. Bharat
Head, Centre for Educational Technology
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL22ME119S33080342

To validate the certificate



No. of credits recommended: 2 or 3



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SAIJAGANNATH SETHI

for successfully completing the course

Principles and Practices of Process Equipment and Plant Design

with a consolidated score of **51** %

Online Assignments	20.63/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **45**

Jul-Oct 2022

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CH48S53080063

To validate the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SAIPRASAD BISWAL

for successfully completing the course

Principles and Practices of Process Equipment and Plant Design

with a consolidated score of **53** %

Online Assignments	22.81/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **45**

Jul-Oct 2022

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CH48S53080135

To validate 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
SANDEEP KUMAR SAHOO
for successfully completing the course



Stress Management

with a consolidated score of **83** %

Online Assignments	23.33/25	Proctored Exam	59.69/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **1257**

Aug-Sep 2022
(4 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22MG111S33080232

To validate the certificate



No. of credits recommended: 1 or 2



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
BISWARANJAN SAHOO
for successfully completing the course

Robotics

with a consolidated score of **54** %

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

Total number of candidates certified in this course: **418**

Jul-Sep 2022
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22ME109S23030265

To validate 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
SHUBHRA KANTA BEHERA
for successfully completing the course

Principles and Practices of Process Equipment and Plant Design

with a consolidated score of **60** %

Online Assignments	23.75/25	Proctored Exam	36.21/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **45**

Jul-Oct 2022
(12 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CH48S53080203

To validate the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
SHUVANKAR RATH
for successfully completing the course

Automation in Manufacturing

with a consolidated score of **53** %

Online Assignments	22.5/25	Proctored Exam	30/75
--------------------	---------	----------------	-------

Total number of candidates certified in this course: **1234**

Jul-Oct 2022
(12 week course)

Prof. T. V. Bharat
Head, Centre for Educational Technology
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL22ME123S63080949

To validate 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

K S SMUTI SANJIT

for successfully completing the course

Programming in Java

with a consolidated score of **71** %

Online Assignments	23.13/25	Programming Assignment	25/25	Proctored Exam	23.08/50
--------------------	----------	------------------------	-------	----------------	----------

Total number of candidates certified in this course: **6899**

Jul-Oct 2022

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



FREE ONLINE EDUCATION
swayam
विश्वविद्यालय भारत, उन्नत भारत

Roll No: NPTEL22CS102S63070234

To validate 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
SOUMEN BISWAL
for successfully completing the course

Automation in Manufacturing

with a consolidated score of **62** %

Online Assignments	21.56/25	Proctored Exam	40.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **1234**

Jul-Oct 2022
(12 week course)

Prof. T. V. Bharat
Head, Centre for Educational Technology
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL22ME123S53080410

To validate 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
SMRUTI PRAKASH SAHOO
for successfully completing the course

Principles and Practices of Process Equipment and Plant Design

with a consolidated score of **71** %

Online Assignments	23.75/25	Proctored Exam	47.45/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **45**

Jul-Oct 2022
(12 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CH48S53080347

To validate 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
SUJIT KUMAR PRADHAN
for successfully completing the course



Geotechnical Engineering Laboratory

with a consolidated score of **88** %

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

Total number of candidates certified in this course: **399**

Jul-Aug 2022
(4 week course)

Prof. Sridhar Iyer
Head CDEEP & NPTEL Coordinator
IIT Bombay



Indian Institute of Technology Bombay



Roll No: NPTEL22CE60S23030394

To validate 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
SUJIT KUMAR PRADHAN
for successfully completing the course



Plastic Waste Management

with a consolidated score of **81** %

Online Assignments	23.71/25	Proctored Exam	57.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **3166**

Aug-Oct 2022
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CE72S43080830

To validate 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
SUJIT KUMAR PRADHAN
for successfully completing the course

Pavement Materials (Under Pavement Engineering)

with a consolidated score of **65** %

Online Assignments	24.13/25	Proctored Exam	41.36/75
--------------------	----------	----------------	----------

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

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jul-Oct 2022

(12 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22CE93S33080268

To validate 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
SUPRIYA SAHU
for successfully completing the course



Fundamentals of Manufacturing Processes

with a consolidated score of **82** %

Online Assignments	23.44/25	Proctored Exam	58.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **403**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jul-Oct 2022

(12 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22ME71S53080246

To validate the certificate



No. of credits recommended: 3 or 4