



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**KAVERI K S**

for successfully completing the course

## Soil Mechanics/Geotechnical Engineering I

with a consolidated score of **55** %

Online Assignments	24.06/25	Proctored Exam	30.62/75
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Total number of candidates certified in this course: **96**

Jul-Oct 2022

(12 week course)

**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CE74S53450010

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  
**AARSHA ANIL**  
 for successfully completing the course

## Cryptography and Network Security

with a consolidated score of **58** %

Online Assignments	25/25	Proctored Exam	33/75
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Total number of candidates certified in this course: **1810**

Jul-Oct 2022  
 (12 week course)

  
**Prof. Debjani Chakraborty**  
 Coordinator, NPTEL  
 IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS90S33450001

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  
**ABHINAV C**  
 for successfully completing the course



## Introduction to Programming In C

with a consolidated score of **78** %

Online Assignments	25/25	Proctored Exam	52.5/75
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Total number of candidates certified in this course: **2097**

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

Jan-Mar 2023

(8 week course)

**Prof. Satyaki Roy**  
 NPTEL Coordinator  
 IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL23CS02S34860007

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  
**ABHINAV KT**  
 for successfully completing the course

## Non-conventional Energy Resources

with a consolidated score of **55** %

Online Assignments	24.75/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **717**

*Devendra Jalihal*

**Prof. Devendra Jalihal**  
 Chairperson,  
 Centre for Outreach and Digital Education, IITM

Jan-Apr 2023

(12 week course)

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL23GE04S53890017

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  
**ABIN J PRASAD**  
 for successfully completing the course

## Understanding Design

with a consolidated score of **51** %

Online Assignments	19.75/25	Proctored Exam	31.52/75
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Total number of candidates certified in this course: **85**

Jul-Aug 2022  
 (4 week course)

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



Indian Institute of Technology Bombay



Roll No: NPTEL22DE15S24350078

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  
**ABIN MATHEW**  
 for successfully completing the course

## Biomedical Nanotechnology

with a consolidated score of **43** %

Online Assignments	13.33/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **744**

**Prof. Sanjeev Manhas**  
 Coordinator, Continuing Education Centre  
 IIT Roorkee

**Aug-Sep 2022**  
**(4 week course)**

**Prof. Priti Maheshwari**  
 NPTEL Coordinator  
 IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22BT46S33450057

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  
**ASWIN VINOD C**  
 for successfully completing the course

## Sensors and Actuators

with a consolidated score of **71** %

Online Assignments	19.94/25	Proctored Exam	51/75
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Total number of candidates certified in this course: **1232**

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

**Jan-Apr 2023**

**(12 week course)**

**Prof. L. Umanand**  
 NPTEL Coordinator  
 IISc Bangalore



Indian Institute of Science Bangalore



Roll No: NPTEL23EE66553890122

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  
**ADWAITH PRADEEP**  
 for successfully completing the course

## Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **60** %

Online Assignments	21.03/25	Proctored Exam	39.27/75
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Total number of candidates certified in this course: **5469**

Jul-Oct 2022  
 (12 week course)

  
**Prof. Debjani Chakraborty**  
 Coordinator, NPTEL  
 IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS95553450005

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  
**AJITH JOHNY**  
 for successfully completing the course



## Natural Hazards

with a consolidated score of **75** %

Online Assignments	24.58/25	Proctored Exam	49.98/75
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Total number of candidates certified in this course: **1452**

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

**Jan-Mar 2023**

**(8 week course)**

**Prof. Satyaki Roy**  
 NPTEL Coordinator  
 IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL23CE55S34860051

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  
**AJNAS A K**  
 for successfully completing the course

## Non-conventional Energy Resources

with a consolidated score of **54** %

Online Assignments	24.44/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **717**

*Devendra Jalihal*

**Prof. Devendra Jalihal**  
 Chairperson,  
 Centre for Outreach and Digital Education, IITM

**Jan-Apr 2023**  
**(12 week course)**

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL23GE04S53890047

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  
**AKHIL GEORGE**  
 for successfully completing the course

## Natural Hazards

with a consolidated score of **56** %

Online Assignments	22.5/25	Proctored Exam	33.68/75
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Total number of candidates certified in this course: **1452**

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

Jan-Mar 2023

(8 week course)

**Prof. Satyaki Roy**  
 NPTEL Coordinator  
 IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL23CE55S34860068

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  
**AKSHAY CHANDRA**  
for successfully completing the course



## Data Structure and Algorithms using Java

with a consolidated score of **76** %

Online Assignments	21.03/25	Proctored Exam	54.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **1806**

Jul-Oct 2022  
(12 week course)

  
**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS92S53450035

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  
**ALAN KURIAKOSE**  
 for successfully completing the course

## Non-conventional Energy Resources

with a consolidated score of **58** %

Online Assignments	24.91/25	Proctored Exam	33.2/75
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Total number of candidates certified in this course: **717**

*Devendra Jalihal*

**Prof. Devendra Jalihal**  
 Chairperson,  
 Centre for Outreach and Digital Education, IITM

Jan-Apr 2023

(12 week course)

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL23GE04S53890077

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  
**ALAN MATHEW**  
 for successfully completing the course

## Non-conventional Energy Resources

with a consolidated score of **61** %

Online Assignments	25/25	Proctored Exam	35.72/75
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Total number of candidates certified in this course: **717**

*Devendra Jalihal*

**Prof. Devendra Jalihal**  
 Chairperson,  
 Centre for Outreach and Digital Education, IITM

**Jan-Apr 2023**  
**(12 week course)**

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL23GE04S53890093

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  
**ALEENA SUSAN**  
 for successfully completing the course

## Cryptography and Network Security

with a consolidated score of **63** %

Online Assignments	24.35/25	Proctored Exam	39/75
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Total number of candidates certified in this course: **1810**

Jul-Oct 2022  
 (12 week course)

  
**Prof. Debjani Chakraborty**  
 Coordinator, NPTEL  
 IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS90S33450011

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  
**ALEN MOBY**  
 for successfully completing the course

## Non-conventional Energy Resources

with a consolidated score of **63** %

Online Assignments	25/25	Proctored Exam	37.88/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **717**

*Devendra Jalihal*

**Prof. Devendra Jalihal**  
 Chairperson,  
 Centre for Outreach and Digital Education, IITM

**Jan-Apr 2023**  
**(12 week course)**

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL23GE04S53890108

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  
**ALOK BABU**  
 for successfully completing the course

## Natural Hazards

with a consolidated score of **54** %

Online Assignments	20/25	Proctored Exam	33.68/75
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Total number of candidates certified in this course: **1452**

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

Jan-Mar 2023

(8 week course)

**Prof. Satyaki Roy**  
 NPTEL Coordinator  
 IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL23CE55S34860084

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  
**AMEYA P V**  
 for successfully completing the course

## Cryptography and Network Security

with a consolidated score of **71** %

Online Assignments	24.03/25	Proctored Exam	46.5/75
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Total number of candidates certified in this course: **1810**

Jul-Oct 2022  
 (12 week course)

  
**Prof. Debjani Chakraborty**  
 Coordinator, NPTEL  
 IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS90S33450016

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  
**ANAMIKA C**  
 for successfully completing the course

## Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **60** %

Online Assignments	24.35/25	Proctored Exam	35.21/75
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Total number of candidates certified in this course: **5469**

Jul-Oct 2022  
 (12 week course)

  
**Prof. Debjani Chakraborty**  
 Coordinator, NPTEL  
 IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS95553430066

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  
**ASHLYN WILSON SASTHAMPADAVIL**  
 for successfully completing the course

## Introduction to Machine Learning

with a consolidated score of **54** %

Online Assignments	22.92/25	Proctored Exam	30.75/75
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Total number of candidates certified in this course: **2034**

Jul-Sep 2022  
 (8 week course)

  
**Prof. Debjani Chakraborty**  
 Coordinator, NPTEL  
 IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS97S14350003

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  
**ASWATHY CHANDRADAS**  
 for successfully completing the course

## Cryptography and Network Security

with a consolidated score of **60** %

Online Assignments	24.03/25	Proctored Exam	36/75
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Total number of candidates certified in this course: **1810**

Jul-Oct 2022  
 (12 week course)

  
**Prof. Debjani Chakraborty**  
 Coordinator, NPTEL  
 IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS90S33450026

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  
**ASWIN M**  
 for successfully completing the course

## Natural Hazards

with a consolidated score of **58** %

Online Assignments	20.83/25	Proctored Exam	36.74/75
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Total number of candidates certified in this course: **1452**

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

**Jan-Mar 2023**  
**(8 week course)**

**Prof. Satyaki Roy**  
 NPTEL Coordinator  
 IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL23CE55544860098

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

**ASWIN RAJ C**

for successfully completing the course

## Cryptography and Network Security

with a consolidated score of **69** %

Online Assignments	25/25	Proctored Exam	43.5/75
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Total number of candidates certified in this course: **1810**

Jul-Oct 2022

(12 week course)

**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS90S33450031

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  
**BENEDICT J SEBASTIAN**  
 for successfully completing the course

## Non-conventional Energy Resources

with a consolidated score of **51** %

Online Assignments	21.41/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **717**

*Devendra Jalihal*

**Prof. Devendra Jalihal**  
 Chairperson,  
 Centre for Outreach and Digital Education, IITM

**Jan-Apr 2023**  
**(12 week course)**

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL23GE04S63890145

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  
**BEN JOHNS PHILIP**  
 for successfully completing the course

## Natural Hazards

with a consolidated score of **63** %

Online Assignments	20.42/25	Proctored Exam	42.86/75
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Total number of candidates certified in this course: **1452**

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

Jan-Mar 2023

(8 week course)

**Prof. Satyaki Roy**  
 NPTEL Coordinator  
 IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL23CE55544860115

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  
**DILNA MARIA SHIBU**  
 for successfully completing the course

## Advance Power Electronics and Control

with a consolidated score of **49** %

Online Assignments	16.25/25	Proctored Exam	33/75
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Total number of candidates certified in this course: **153**

**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: NPTEL22EE127S14350036

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  
**GILBERT THOMAS**  
 for successfully completing the course

## Understanding Design

with a consolidated score of **55** %

Online Assignments	18.08/25	Proctored Exam	36.96/75
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Total number of candidates certified in this course: **85**

Jul-Aug 2022  
 (4 week course)

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



Indian Institute of Technology Bombay



Roll No: NPTEL22DE15S14350011

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  
**GOKUL P V**  
 for successfully completing the course

## Natural Hazards

with a consolidated score of **61** %

Online Assignments	22.92/25	Proctored Exam	38.27/75
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Total number of candidates certified in this course: **1452**

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

Jan-Mar 2023

(8 week course)

**Prof. Satyaki Roy**  
 NPTEL Coordinator  
 IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL23CE55544860130

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  
**GOPIKA MOHANDAS**  
 for successfully completing the course

## Cryptography and Network Security

with a consolidated score of **47** %

Online Assignments	17.16/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **1810**

Jul-Oct 2022  
 (12 week course)

  
**Prof. Debjani Chakraborty**  
 Coordinator, NPTEL  
 IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS90S33450041

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  
**JIBIN P B**  
 for successfully completing the course

## Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **61** %

Online Assignments	24.56/25	Proctored Exam	36.74/75
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Total number of candidates certified in this course: **5469**

Jul-Oct 2022  
 (12 week course)

  
**Prof. Debjani Chakraborty**  
 Coordinator, NPTEL  
 IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS95S53450056

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  
**JITHINA RAJ P**  
 for successfully completing the course

## Cryptography and Network Security

with a consolidated score of **63** %

Online Assignments	24.35/25	Proctored Exam	39/75
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Total number of candidates certified in this course: **1810**

Jul-Oct 2022  
 (12 week course)

  
**Prof. Debjani Chakraborty**  
 Coordinator, NPTEL  
 IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS90S33450046

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  
**JOEL MATHEW**  
 for successfully completing the course

## Non-conventional Energy Resources

with a consolidated score of **57** %

Online Assignments	25/25	Proctored Exam	32.25/75
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Total number of candidates certified in this course: **717**

*Devendra Jalihal*

**Prof. Devendra Jalihal**  
 Chairperson,  
 Centre for Outreach and Digital Education, IITM

**Jan-Apr 2023**  
**(12 week course)**

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL23GE04S63890162

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  
**JOYEL JOSEPH**  
 for successfully completing the course

## Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **65** %

Online Assignments	23.72/25	Proctored Exam	41.49/75
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Total number of candidates certified in this course: **5469**

Jul-Oct 2022  
 (12 week course)

  
**Prof. Debjani Chakraborty**  
 Coordinator, NPTEL  
 IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS95563450095

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  
**JITHIN JOSE**  
 for successfully completing the course

## Digital System Design

with a consolidated score of **50** %

Online Assignments	20.25/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **392**

*Devendra Jalihal*

**Prof. Devendra Jalihal**  
 Chairperson,  
 Centre for Outreach and Digital Education, IITM

**Jan-Apr 2023**  
**(12 week course)**

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL23EE29S33890104

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  
**JUSTIN GEORGE**  
 for successfully completing the course

## Introduction to Machine Learning

with a consolidated score of **67** %

Online Assignments	22.92/25	Proctored Exam	44.39/75
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Total number of candidates certified in this course: **2034**

Jul-Sep 2022  
 (8 week course)

  
**Prof. Debjani Chakraborty**  
 Coordinator, NPTEL  
 IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS97S24350105

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  
**JYOTHIS PRAKASH K**  
 for successfully completing the course



## Natural Hazards

with a consolidated score of **75** %

Online Assignments	20/25	Proctored Exam	54.58/75
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Total number of candidates certified in this course: **1452**

*Pathish*

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

Jan-Mar 2023

(8 week course)

*Satyaki Roy*

**Prof. Satyaki Roy**  
 NPTEL Coordinator  
 IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL23CE55S44860146

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  
**INDULEKHA K M**  
 for successfully completing the course



## DC Microgrid and Control Systems

with a consolidated score of **79** %

Online Assignments	10/25	Proctored Exam	69/75
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Total number of candidates certified in this course: **159**

**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: NPTEL22EE81S14350031

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  
**INDULEKHA K M**  
 for successfully completing the course

## Advance Power Electronics and Control

with a consolidated score of **51** %

Online Assignments	10/25	Proctored Exam	40.5/75
--------------------	-------	----------------	---------

Total number of candidates certified in this course: **153**

**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: NPTEL22EE127S24350072

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  
**KASHYAP K**  
 for successfully completing the course

## Introduction to Machine Learning

with a consolidated score of **52** %

Online Assignments	19.06/25	Proctored Exam	32.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **1816**

*Devendra Jalihal*

**Prof. Devendra Jalihal**

Chairperson,  
Centre for Outreach and Digital Education, IITM

**Jan-Apr 2023**

**(12 week course)**

*Prof. Andrew Thangaraj*

**Prof. Andrew Thangaraj**

NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS18563890139

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  
**KAVYA PUSHPAN**  
 for successfully completing the course

## Digital System Design

with a consolidated score of **51** %

Online Assignments	20.28/25	Proctored Exam	30.86/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **392**

*Devendra Jalihal*

**Prof. Devendra Jalihal**

Chairperson,  
Centre for Outreach and Digital Education, IITM

Jan-Apr 2023

(12 week course)

*Prof. Andrew Thangaraj*

**Prof. Andrew Thangaraj**

NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23EE29S43890123

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

**JESTIN K S**

for successfully completing the course

**Python for Data Science**

with a consolidated score of **75** %



Online Assignments	22.42/25	Programming Assignment	25/25	Proctored Exam	28/50
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Total number of candidates certified in this course: **3991**

*Devendra Jalihal*

**Prof. Devendra Jalihal**

Chairperson,  
Centre for Outreach and Digital Education, IITM

**Jul-Aug 2022**

**(4 week course)**

*Prof. Andrew Thangaraj*

**Prof. Andrew Thangaraj**

NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22CS74S14350049

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  
**LIBIN SHAJI**  
 for successfully completing the course

## Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **73** %

Online Assignments	23.91/25	Proctored Exam	48.98/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **5469**

Jul-Oct 2022  
 (12 week course)

  
**Prof. Debjani Chakraborty**  
 Coordinator, NPTEL  
 IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS95553450071

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  
**LIBIN SHAJI**  
 for successfully completing the course

## Robotics

with a consolidated score of **66** %

Online Assignments	23.75/25	Proctored Exam	42/75
--------------------	----------	----------------	-------

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: NPTEL22ME109S24350118

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  
**LIBIN SHAJI**  
for successfully completing the course

## Automation in Manufacturing

with a consolidated score of **68** %

Online Assignments	21.88/25	Proctored Exam	46.5/75
--------------------	----------	----------------	---------

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: NPTEL22ME123S63450084

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  
**LIBIN SHAJI**  
 for successfully completing the course



## Principles of Industrial Engineering

with a consolidated score of **75** %

Online Assignments	18.13/25	Proctored Exam	57/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **355**

**Prof. Sanjeev Manhas**  
 Coordinator, Continuing Education Centre  
 IIT Roorkee

Jan-Apr 2023

(12 week course)

**Prof. Priti Maheshwari**  
 NPTEL Coordinator  
 IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL23ME06S53890121

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  
**LIBIN SHAJI**  
 for successfully completing the course

## Welding Metallurgy

with a consolidated score of **65** %

Online Assignments	18.75/25	Proctored Exam	46.5/75
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Total number of candidates certified in this course: **240**

**Prof. Sanjeev Manhas**  
 Coordinator, Continuing Education Centre  
 IIT Roorkee

Jan-Apr 2023  
 (12 week course)

**Prof. Priti Maheshwari**  
 NPTEL Coordinator  
 IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL23ME49S63890240

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  
**MEENAKSHI SURENDRAN**  
 for successfully completing the course

## Cryptography and Network Security

with a consolidated score of **60** %

Online Assignments	25/25	Proctored Exam	34.5/75
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Total number of candidates certified in this course: **1810**

Jul-Oct 2022  
 (12 week course)

  
**Prof. Debjani Chakraborty**  
 Coordinator, NPTEL  
 IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS90S43450064

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  
**NANDANA KRISHNAN**  
for successfully completing the course



## Cryptography and Network Security

with a consolidated score of **75** %

Online Assignments	24.38/25	Proctored Exam	50.5/75
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Total number of candidates certified in this course: **1810**

Jul-Oct 2022  
(12 week course)

  
**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS90S43450069

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  
**FATHIMA NOUREEN B**  
 for successfully completing the course

## Cryptography and Network Security

with a consolidated score of **63** %

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

Total number of candidates certified in this course: **1810**

Jul-Oct 2022  
 (12 week course)

  
**Prof. Debjani Chakraborty**  
 Coordinator, NPTEL  
 IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS90S43450074

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  
**PRABIN BABY**  
 for successfully completing the course

## Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **63** %

Online Assignments	24.56/25	Proctored Exam	38.3/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **5469**

Jul-Oct 2022  
 (12 week course)

  
**Prof. Debjani Chakraborty**  
 Coordinator, NPTEL  
 IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS95563450110

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  
**RAHUL RAJ T**  
 for successfully completing the course

## Cryptography and Network Security

with a consolidated score of **61** %

Online Assignments	24.69/25	Proctored Exam	36/75
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Total number of candidates certified in this course: **1810**

Jul-Oct 2022  
 (12 week course)

  
**Prof. Debjani Chakraborty**  
 Coordinator, NPTEL  
 IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS90S43450079

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  
**RHEA RENJITH**  
 for successfully completing the course

## Deep Learning

with a consolidated score of **70** %

Online Assignments	18.72/25	Proctored Exam	51/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **1474**

*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



Roll No: NPTEL22CS124563450100

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  
**RITHIN T RAMESH**  
 for successfully completing the course



## Plastic Waste Management

with a consolidated score of **85** %

Online Assignments	23.33/25	Proctored Exam	62/75
--------------------	----------	----------------	-------

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: NPTEL22CE72S43450117

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  
**ROSE BENNY**  
 for successfully completing the course

## Cryptography and Network Security

with a consolidated score of **55** %

Online Assignments	23.38/25	Proctored Exam	31.5/75
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Total number of candidates certified in this course: **1810**

Jul-Oct 2022  
 (12 week course)

  
**Prof. Debjani Chakraborty**  
 Coordinator, NPTEL  
 IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS90S43450089

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  
**NAYAN ROSE MATHEW**  
 for successfully completing the course

## Cryptography and Network Security

with a consolidated score of **47** %

Online Assignments	16.85/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **1810**

Jul-Oct 2022  
 (12 week course)

  
**Prof. Debjani Chakraborty**  
 Coordinator, NPTEL  
 IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS90S43450094

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  
**SONA SANTHOSH VENIYIL**  
 for successfully completing the course

## Cryptography and Network Security

with a consolidated score of **47** %

Online Assignments	17.44/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **1810**

Jul-Oct 2022  
 (12 week course)

  
**Prof. Debjani Chakraborty**  
 Coordinator, NPTEL  
 IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS90S43450099

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  
**SAPHAL SANTHOSH**  
 for successfully completing the course

## Cryptography and Network Security

with a consolidated score of **61** %

Online Assignments	24.66/25	Proctored Exam	36/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **1810**

Jul-Oct 2022  
 (12 week course)

  
**Prof. Debjani Chakraborty**  
 Coordinator, NPTEL  
 IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS90S43450104

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  
**SEBASTIAN JOSEPH**  
 for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **69** %

Online Assignments	22.58/25	Proctored Exam	46.46/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **9572**

**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



Roll No: NPTEL22HS77S14350058

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  
**SIDHARTHAN AK**  
 for successfully completing the course

## C Programming and Assembly Language

with a consolidated score of **65** %

Online Assignments	16/25	Proctored Exam	48.99/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **415**

*Devendra Jalihal*

**Prof. Devendra Jalihal**  
 Chairperson,  
 Centre for Outreach and Digital Education, IITM

**Jul-Aug 2022**  
**(4 week course)**

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL22CS68S24350114

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  
**SIDHARTH A S**  
 for successfully completing the course

## Digital System Design

with a consolidated score of **58** %

Online Assignments	20.44/25	Proctored Exam	38.02/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **392**

*Devendra Jalihal*

**Prof. Devendra Jalihal**

Chairperson,  
Centre for Outreach and Digital Education, IITM

**Jan-Apr 2023**

**(12 week course)**

*Prof. Andrew Thangaraj*

**Prof. Andrew Thangaraj**

NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



शुद्ध शिक्षण, शुद्ध मूल्य

Roll No: NPTEL23EE29S43890177

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  
**ASWIN SURESH MS**  
 for successfully completing the course

## Natural Hazards

with a consolidated score of **54** %

Online Assignments	21.67/25	Proctored Exam	32.15/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **1452**

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

**Jan-Mar 2023**  
**(8 week course)**

**Prof. Satyaki Roy**  
 NPTEL Coordinator  
 IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL23CE55544860163

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  
**VAISHALI PRABHAKARAN**  
 for successfully completing the course

## Advance Power Electronics and Control

with a consolidated score of **48** %

Online Assignments	17.92/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **153**

**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: NPTEL22EE127S14200040

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  
**VAISHNAV KRISHNA**  
 for successfully completing the course

## Cryptography and Network Security

with a consolidated score of **54** %

Online Assignments	24.35/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **1810**

Jul-Oct 2022  
 (12 week course)

  
**Prof. Debjani Chakraborty**  
 Coordinator, NPTEL  
 IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS90S43450114

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

**VEDA KC**

for successfully completing the course



## Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **77** %

Online Assignments	24.56/25	Proctored Exam	52.66/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **5469**

Jul-Oct 2022

(12 week course)

**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS95563450144

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  
**VINSHITH V V**  
 for successfully completing the course

## Non-conventional Energy Resources

with a consolidated score of **55** %

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

Total number of candidates certified in this course: **717**

*Devendra Jalihal*

**Prof. Devendra Jalihal**  
 Chairperson,  
 Centre for Outreach and Digital Education, IITM

**Jan-Apr 2023**  
**(12 week course)**

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL23GE04S63890214

To validate the certificate



No. of credits recommended: 3 or 4