



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
AMRUTHA SHELEENDERAN
for successfully completing the course

Deep Learning

with a consolidated score of **57** %

Online Assignments	19.85/25	Proctored Exam	37.5/75
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Total number of candidates certified in this course: **981**

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: NPTEL23CS24S34830331

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
ARUN MANOJ
for successfully completing the course

Ethical Hacking

with a consolidated score of **50** %

Online Assignments	20/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **2228**

Jan-Apr 2023
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS44S64830468

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
ATHIRA JAYARAM
for successfully completing the course

Information Security - 5 - Secure Systems Engineering

with a consolidated score of **54** %

Online Assignments	17.92/25	Proctored Exam	36/75
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Total number of candidates certified in this course: **141**

Devendra Jalihal

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

Jan-Mar 2023
(8 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS10S44970988

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

ATHIRA JAYARAM

for successfully completing the course

Ethical Hacking

with a consolidated score of **47** %

Online Assignments	11.97/25	Proctored Exam	35.21/75
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Total number of candidates certified in this course: **4375**

Jul-Oct 2023

(12 week course)

Prof. Haimanti Banerji

Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS75S740100900

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

ATHIRA JAYARAM

for successfully completing the course

Applied Linear Algebra for Signal Processing, Data

Analytics and Machine Learning

with a consolidated score of **65** %

Online Assignments	10.63/25	Proctored Exam	54/75
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Total number of candidates certified in this course: **253**

Prof. B. V. Ratish Kumar

Chairman, Centre for Continuing Education
IIT Kanpur

Jul-Oct 2023

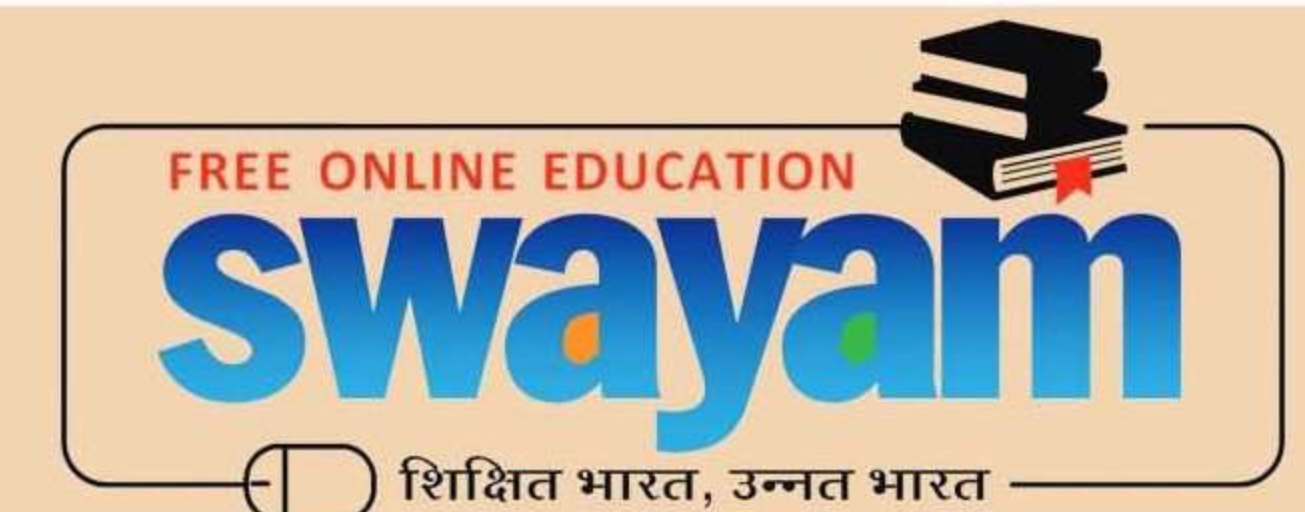
(12 week course)

Prof. Satyaki Roy

NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL23EE100S840101084

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

GOKUL RAJ

for successfully completing the course

Artificial Intelligence: Knowledge Representation and Reasoning

with a consolidated score of **44** %

Online Assignments	13.5/25	Proctored Exam	30.7/75
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Total number of candidates certified in this course: **65**

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: NPTEL23CS09S34830502

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

GOKUL RAJ

for successfully completing the course

Biomedical Signal Processing

with a consolidated score of **62** %

Online Assignments	18.41/25	Proctored Exam	43.5/75
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Total number of candidates certified in this course: **241**

Jan-Apr 2023

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23EE49S44830739

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
LEKSHMI D
for successfully completing the course

Deep Learning

with a consolidated score of **53** %

Online Assignments	18.38/25	Proctored Exam	34.37/75
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Total number of candidates certified in this course: **981**

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



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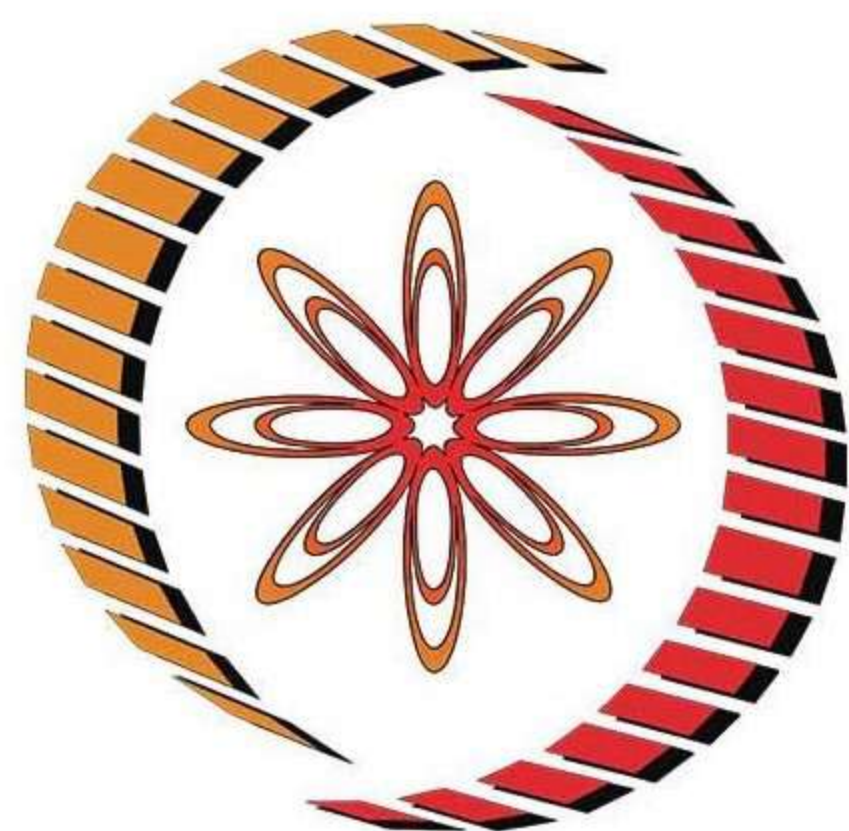
शिक्षित भारत, उन्नत भारत

Roll No: NPTEL23CS24S44830758

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

LEKSHMI D

for successfully completing the course

Data Science for Engineers

with a consolidated score of **61** %

Online Assignments	12.46/25	Proctored Exam	48.44/75
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Total number of candidates certified in this course: **3716**

Devendra Jalihal

Prof. Devendra Jalihal

Chairperson,

Centre for Outreach and Digital Education, IITM

Jul-Sep 2023

(8 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS97S34860808

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
GAYATHRI R S
for successfully completing the course

Introduction to Machine Learning

with a consolidated score of **56** %

Online Assignments	19.13/25	Proctored Exam	37/75
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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: NPTEL23CS18S64830926

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
ASWATHY SHAJI
for successfully completing the course

Ethical Hacking

with a consolidated score of **54** %

Online Assignments	21.5/25	Proctored Exam	32.25/75
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Total number of candidates certified in this course: **2228**

Jan-Apr 2023
(12 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS44S53970055

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 ABBIRAAM

for successfully completing the course

CMOS Digital VLSI Design

with a consolidated score of **66** %

Online Assignments	13.25/25	Proctored Exam	52.5/75
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Total number of candidates certified in this course: **528**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Mar 2023

(8 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL23EE07S45780366

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

K ABBIRAAM

for successfully completing the course

VLSI Signal Processing

with a consolidated score of **63** %

Online Assignments	12.21/25	Proctored Exam	51.1/75
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Total number of candidates certified in this course: **83**

Feb-Apr 2023

(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23EE44S44830745

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
ABBY ANISH VARGHESE
for successfully completing the course

Data Mining

with a consolidated score of **70** %

Online Assignments	20.83/25	Proctored Exam	48.98/75
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Total number of candidates certified in this course: **4368**

Jan-Mar 2023
(8 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur

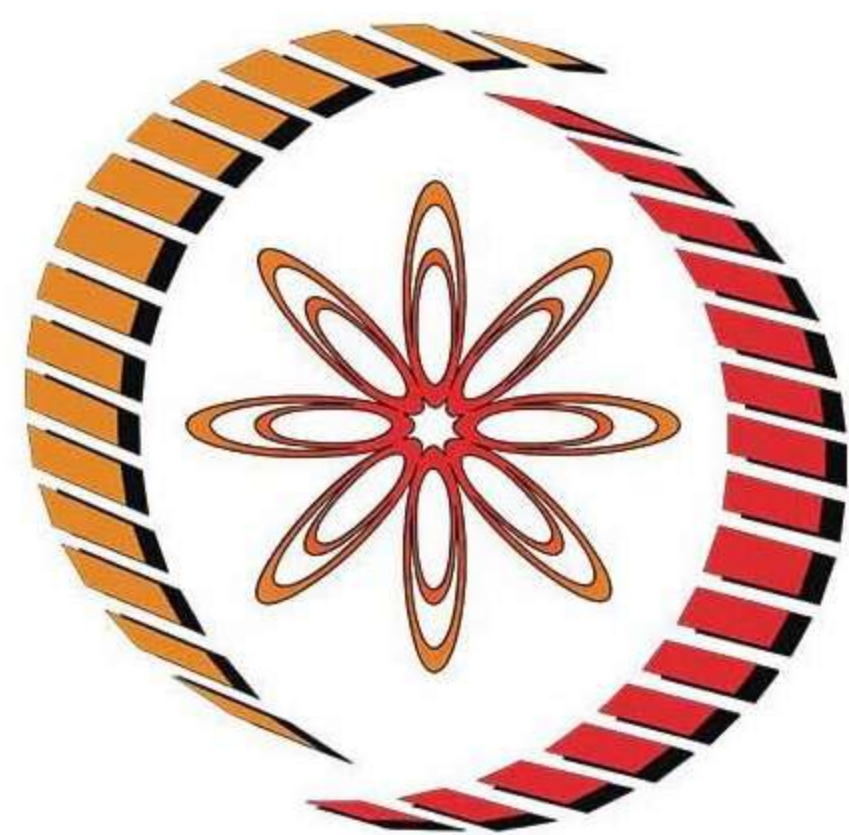


Roll No: NPTEL23CS43S45780867

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

ABEY C PHILIP

for successfully completing the course

Industrial Biotechnology

with a consolidated score of **48** %

Online Assignments	18.13/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **262**

Jul-Oct 2023

(12 week course)

Prof. Haimanti Banerji

Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23BT61S649000409

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

ABHILASHS

for successfully completing the course



Foundation of Cloud IoT Edge ML

with a consolidated score of **90** %

Online Assignments	22.25/25	Proctored Exam	67.75/75
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Total number of candidates certified in this course: **1649**

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

Feb-Apr 2023

(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL23CS65S44830790

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

ABHILASHS

for successfully completing the course

Introduction to Machine Learning

with a consolidated score of **48** %

Online Assignments	17.53/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **1633**

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: NPTEL23CS98S849000681

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

ABHIJITA SHINE

for successfully completing the course

Data Mining

with a consolidated score of **69** %

Online Assignments	20.42/25	Proctored Exam	48.98/75
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Total number of candidates certified in this course: **4368**

Jan-Mar 2023

(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS43S45780327

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
ABHIJITH RAJ B
for successfully completing the course

Embedded Systems Design

with a consolidated score of **49** %

Online Assignments	17.81/25	Proctored Exam	30.75/75
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Total number of candidates certified in this course: **996**

Jan-Apr 2023
(12 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS54S44830755

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

ABHIJITH S

for successfully completing the course



Introduction to Internet of Things

with a consolidated score of **83** %

Online Assignments	23.31/25	Proctored Exam	60/75
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Total number of candidates certified in this course: **14770**

Jan-Apr 2023

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS51S64830941

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

ABHIJITH V K

for successfully completing the course

Introduction to Machine Learning

with a consolidated score of **75** %

Online Assignments	24.71/25	Proctored Exam	50.51/75
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Total number of candidates certified in this course: **3449**

Jul-Sep 2023

(8 week course)



Prof. Haimanti Banerji

Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS87S34860819

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

ABHIJITH V K

for successfully completing the course

Robotics and Control : Theory and Practice

with a consolidated score of **72** %

Online Assignments	22.92/25	Proctored Exam	49.5/75
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Total number of candidates certified in this course: **117**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Mar 2023

(8 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL23ME07S45780501

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
ABHINAV SIVA S
for successfully completing the course



Mechatronics

with a consolidated score of **76** %

Online Assignments	20.42/25	Proctored Exam	55.5/75
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Total number of candidates certified in this course: **232**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Feb-Apr 2023
(8 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL23ME50S44830208

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

ABHIRAM S

for successfully completing the course



Introduction to Internet of Things

with a consolidated score of **78** %

Online Assignments	24.35/25	Proctored Exam	54/75
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Total number of candidates certified in this course: **14770**

Jan-Apr 2023

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS51S64830963

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

ABHIRAM S

for successfully completing the course

Programming, Data Structures and Algorithms using Python

with a consolidated score of **58** %

Online Assignments	20.83/25	Proctored Exam	37.5/75
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Total number of candidates certified in this course: **1844**

Prof. Devendra Jalihal

Chairperson,

Centre for Outreach and Digital Education, IITM

Jan-Mar 2023

(8 week course)

Prof. Andrew Thangaraj

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras



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शिक्षित भारत, उन्नत भारत

Roll No: NPTEL23CS15S45780350

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

ABHIRAMI A U

for successfully completing the course

Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **65** %

Online Assignments	24.78/25	Proctored Exam	40.5/75
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Total number of candidates certified in this course: **9534**

Jul-Oct 2023

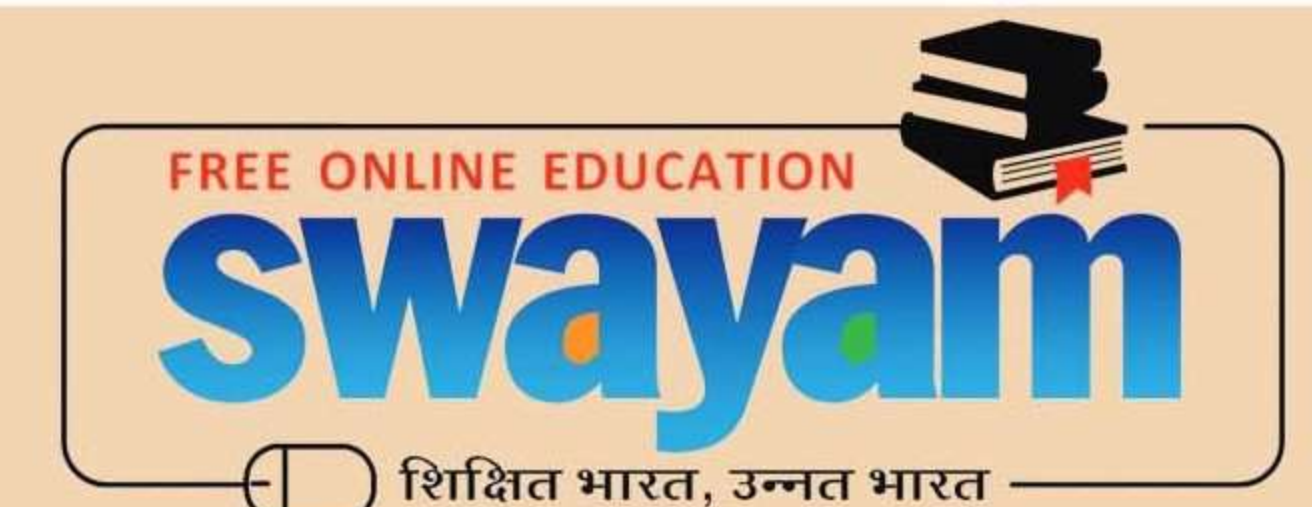
(12 week course)

Prof. Haimanti Banerji

Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS82S649001054

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
ABHIRAM T
for successfully completing the course

Programming, Data Structures and Algorithms using Python

with a consolidated score of **57** %

Online Assignments	25/25	Proctored Exam	31.88/75
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Total number of candidates certified in this course: **1844**

Devendra Jalihal

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

Jan-Mar 2023
(8 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras

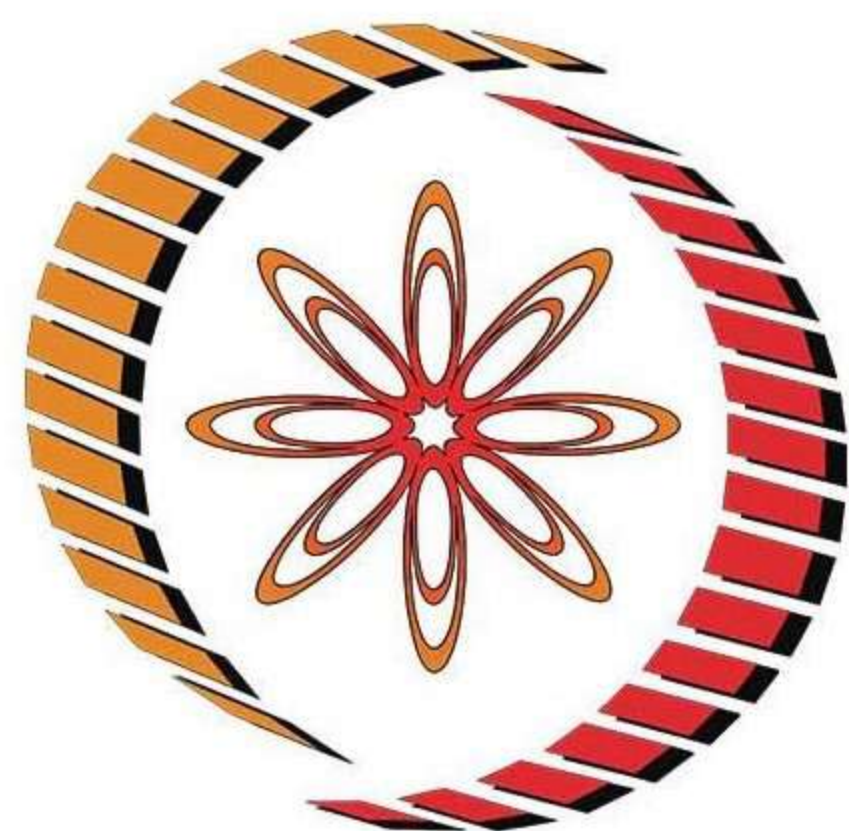


Roll No: NPTEL23CS15S45780364

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

ABHISHEK S

for successfully completing the course

Data Science for Engineers

with a consolidated score of **67** %

Online Assignments	16.17/25	Proctored Exam	50.52/75
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Total number of candidates certified in this course: **3716**

Prof. Devendra Jaliha

Chairperson,

Centre for Outreach and Digital Education, IITM

Jul-Sep 2023

(8 week course)

Prof. Andrew Thangaraj

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras

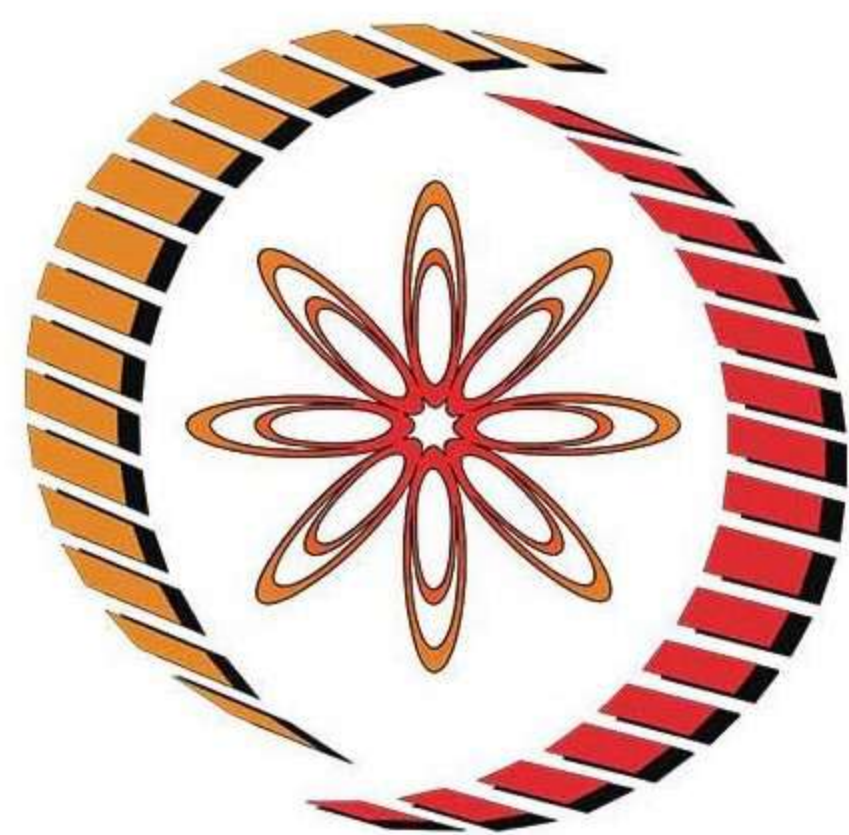


Roll No: NPTEL23CS97S34860826

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

ABHISHEK A S

for successfully completing the course

Introduction to Machine Learning

with a consolidated score of **47** %

Online Assignments	16.63/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **1633**

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: NPTEL23CS98S849000705

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

ABIJA SHAJAN P

for successfully completing the course

Cell Biology: Cellular Organization, Division and Processes

with a consolidated score of **60** %

Online Assignments	21.46/25	Proctored Exam	39/75
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Total number of candidates certified in this course: **974**

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

Jan-Mar 2023

(8 week course)

Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore



Indian Institute of Science Bangalore

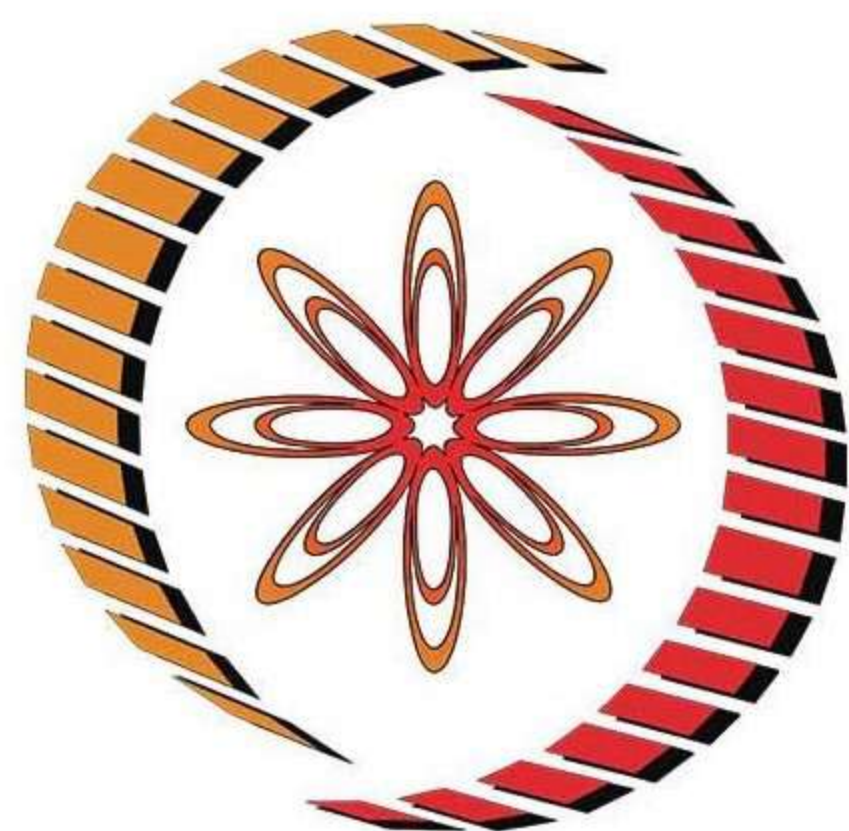


Roll No: NPTEL23BT32S45780347

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

ABIJA SHAJAN P

for successfully completing the course

Introduction to Developmental Biology

with a consolidated score of **45** %

Online Assignments	15.31/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **62**

Devendra Jalihal

Prof. Devendra Jalihal

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: NPTEL23BT43S749000453

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
A B SHRAVAN KRISHNA
for successfully completing the course

Data Mining

with a consolidated score of **51** %

Online Assignments	19.17/25	Proctored Exam	31.5/75
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Total number of candidates certified in this course: **4368**

Jan-Mar 2023
(8 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS43S34940248

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
ABY JOY
for successfully completing the course

Introduction to Machine Learning

with a consolidated score of **54** %

Online Assignments	24.38/25	Proctored Exam	30/75
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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



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Roll No: NPTEL23CS18S64830205

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
ABY JOY
for successfully completing the course

Deep Learning

with a consolidated score of **47** %

Online Assignments	16.91/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **981**

Prof. Devendra Jaliha

Chairperson,
Centre for Outreach and Digital Education, IITM

Jan-Apr 2023

(12 week course)

Prof. Andrew Thangaraj

NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS24S44830783

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
ASWIN PRASANTH
for successfully completing the course



Data Analytics with Python

with a consolidated score of **76** %

Online Assignments	23.44/25	Proctored Exam	52.66/75
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Total number of candidates certified in this course: **7860**

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: NPTEL23CS08S64830951

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
ASWIN PRASANTH
for successfully completing the course



Data Mining

with a consolidated score of **78** %

Online Assignments	20.42/25	Proctored Exam	57.4/75
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Total number of candidates certified in this course: **4368**

Jan-Mar 2023
(8 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS43S45780432

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
ADARSH U
for successfully completing the course

Innovation by Design

with a consolidated score of **54** %

Online Assignments	10.75/25	Proctored Exam	43.38/75
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Total number of candidates certified in this course: **313**

Jan-Feb 2023
(4 week course)

Prof. Sridhar Iyer
Head CDEEP & NPTEL Coordinator
IIT Bombay



Indian Institute of Technology Bombay

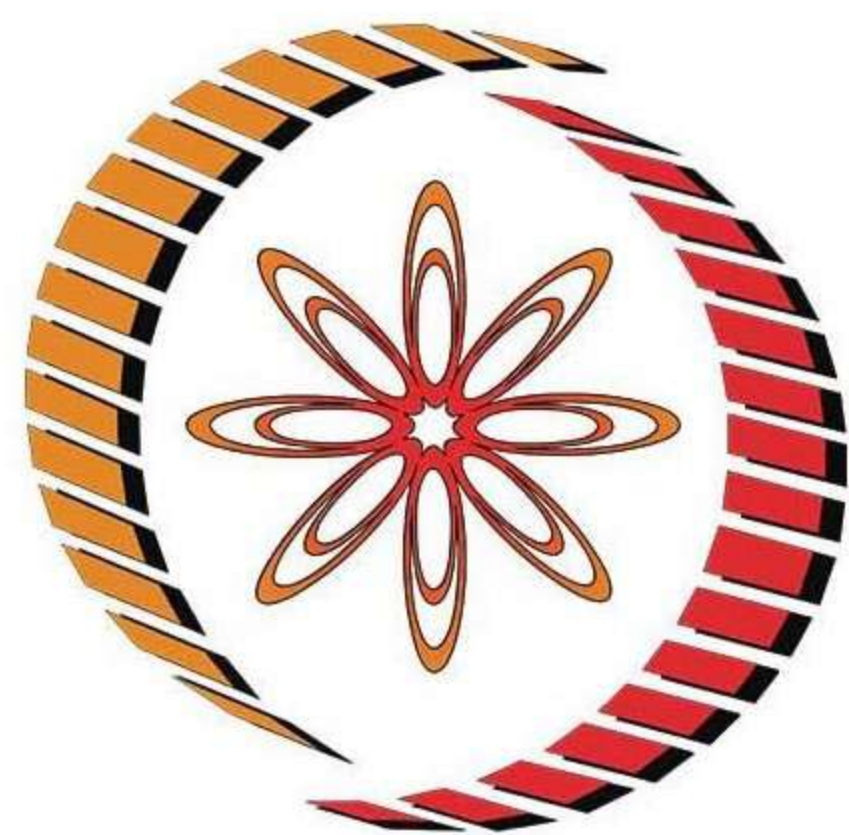


Roll No: NPTEL23DE05S34940160

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

ADARSH G

for successfully completing the course

Data Science for Engineers

with a consolidated score of **60** %

Online Assignments	16.96/25	Proctored Exam	42.67/75
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Total number of candidates certified in this course: **3716**

Devendra Jalihal

Prof. Devendra Jalihal

Chairperson,

Centre for Outreach and Digital Education, IITM

Jul-Sep 2023

(8 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras

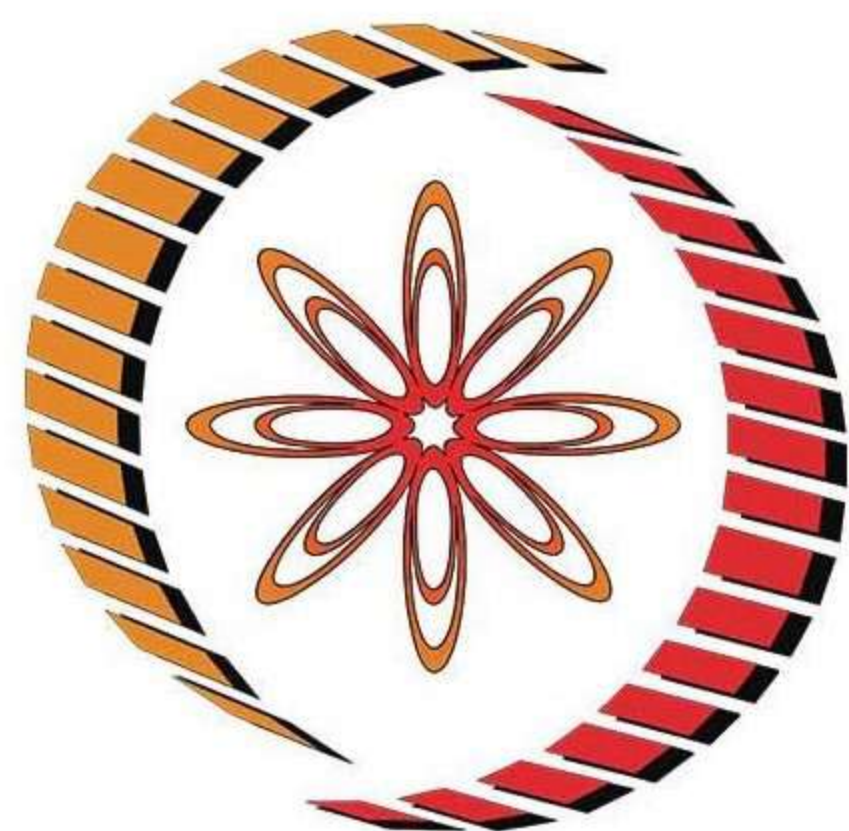


Roll No: NPTEL23CS97S34860844

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

ADHITHYA KP

for successfully completing the course

Experimental Biotechnology

with a consolidated score of **62** %

Online Assignments	22.66/25	Proctored Exam	39.75/75
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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: NPTEL23BT56S848300617

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
ADHITHYA SHANIL
for successfully completing the course

Programming, Data Structures and Algorithms using Python

with a consolidated score of **57** %

Online Assignments	25/25	Proctored Exam	31.88/75
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Total number of candidates certified in this course: **1844**

Prof. Devendra Jalihal

Chairperson,
Centre for Outreach and Digital Education, IITM

Jan-Mar 2023

(8 week course)

Prof. Andrew Thangaraj

NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS15S45780871

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

ADHITHYA SHANIL

for successfully completing the course

Introduction to Machine Learning

with a consolidated score of **46** %

Online Assignments	15.72/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **1633**

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: NPTEL23CS98S849000349

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

ADITHYA AV

for successfully completing the course

Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **60** %

Online Assignments	13.31/25	Proctored Exam	46.88/75
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Total number of candidates certified in this course: **7689**

Jan-Apr 2023

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS52S44830756

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
ADITHYA BENOY
for successfully completing the course

Reinforcement Learning

with a consolidated score of **52** %

Online Assignments	16.22/25	Proctored Exam	36.19/75
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Total number of candidates certified in this course: **154**

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: NPTEL23CS23S64830932

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
ADITHYA BENOY
for successfully completing the course

Deep Learning

with a consolidated score of **73** %

Online Assignments	18.6/25	Proctored Exam	54.69/75
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Total number of candidates certified in this course: **981**

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: NPTEL23CS24S44830833

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

ADITHYA V PILLAI

for successfully completing the course

Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **60** %

Online Assignments	14.97/25	Proctored Exam	45/75
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Total number of candidates certified in this course: **9534**

Jul-Oct 2023

(12 week course)

Prof. Haimanti Banerji

Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS82S649001068

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
ADITHYA V KRISHNA
for successfully completing the course

Programming, Data Structures and Algorithms using Python

with a consolidated score of **64** %

Online Assignments	25/25	Proctored Exam	39.38/75
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Total number of candidates certified in this course: **1844**

Devendra Jalihal

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

Jan-Mar 2023
(8 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS15S45780892

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

ADWAID A PRAJAPATHY

for successfully completing the course



C Programming and Assembly Language

with a consolidated score of **75 %**

Online Assignments	19.42/25	Proctored Exam	56/75
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Total number of candidates certified in this course: **304**

Devendra Jalihal

Prof. Devendra Jalihal

Chairperson,

Centre for Outreach and Digital Education, IITM

Aug-Sep 2023

(4 week course)

Prof. Andrew Thangaraj

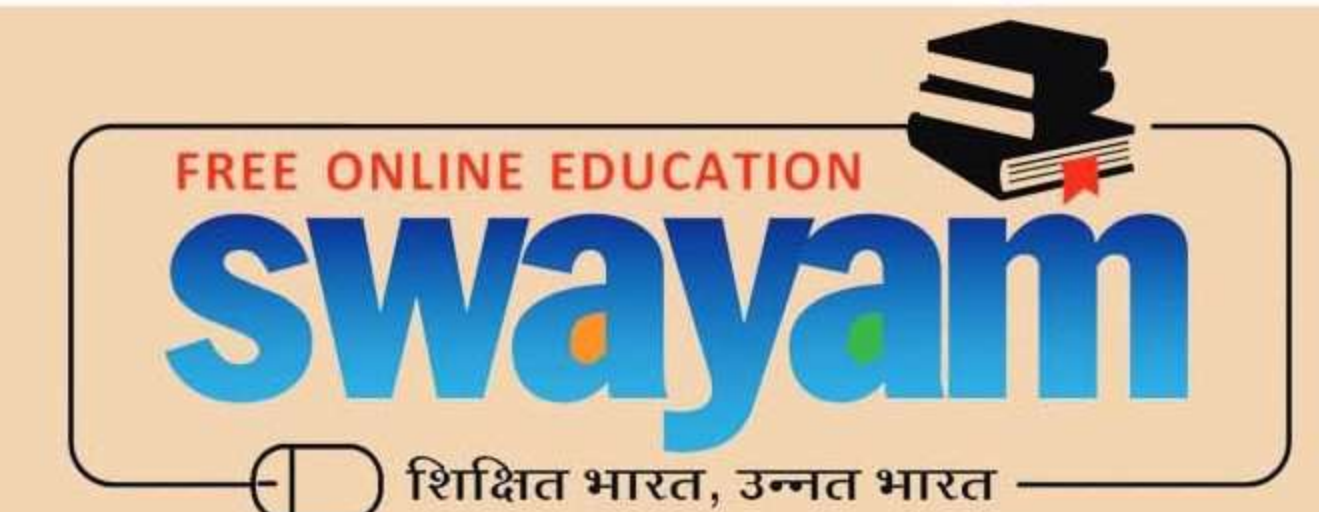
Prof. Andrew Thangaraj

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras

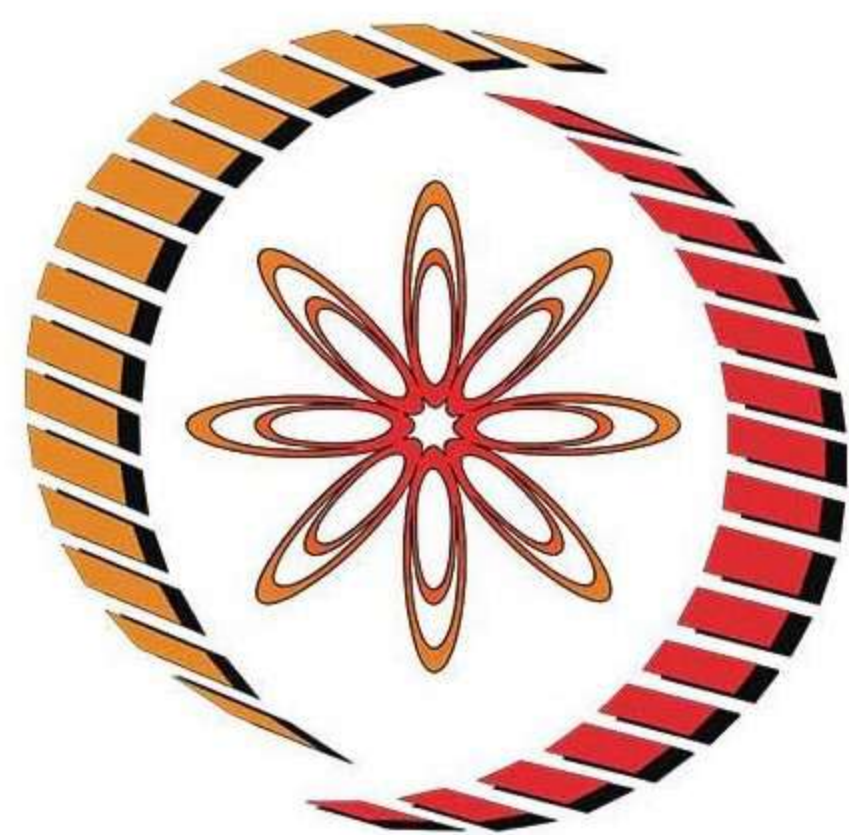


Roll No: NPTEL23CS93S649000582

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

ADWAITH MI

for successfully completing the course

Industrial Safety Engineering

with a consolidated score of **49** %

Online Assignments	14.22/25	Proctored Exam	34.5/75
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Total number of candidates certified in this course: **407**

Jul-Oct 2023

(12 week course)

Prof. Haimanti Banerji

Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23MG98S649001050

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

AFRIN AMINA

for successfully completing the course

Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **62** %

Online Assignments	15.41/25	Proctored Exam	46.5/75
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Total number of candidates certified in this course: **9534**

Jul-Oct 2023

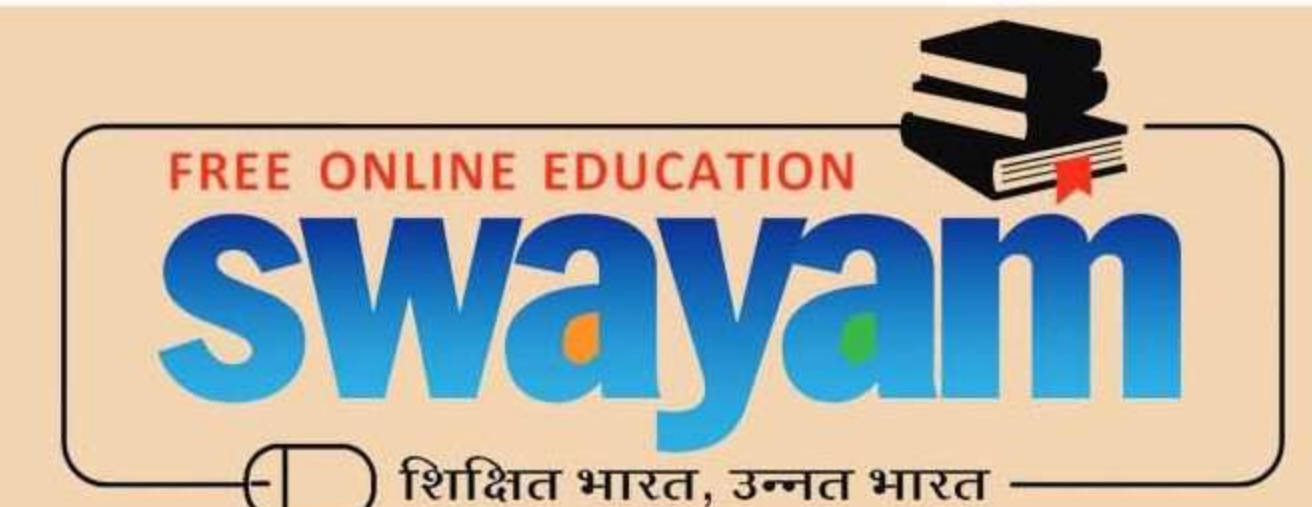
(12 week course)

Prof. Haimanti Banerji

Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur

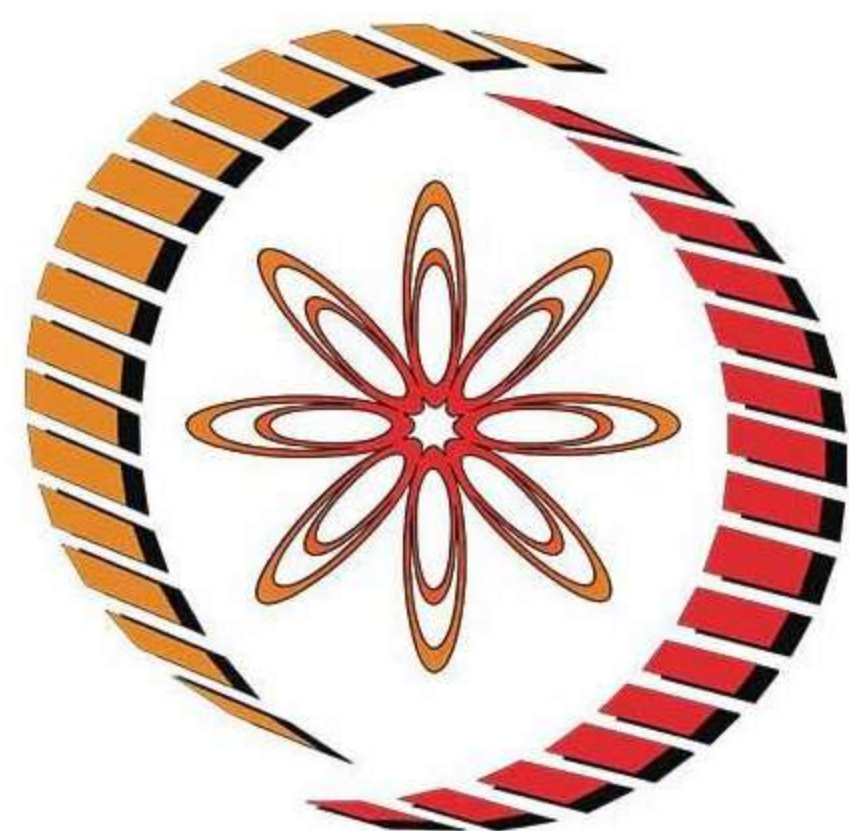


Roll No: NPTEL23CS82S649001082

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

AFRINA FARHEEN PULIPRA

for successfully completing the course

Introduction to Machine Learning

with a consolidated score of **44** %

Online Assignments	13/25	Proctored Exam	30.5/75
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Total number of candidates certified in this course: **1633**

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: NPTEL23CS98S849000735

To verify the certificate



No. of credits recommended: 3 or 4