



You Choose, We Do It
St. JOSEPH'S COLLEGE OF ENGINEERING
(An Autonomous Institution)
St. Joseph's Group of Institutions

OMR, Chennai - 119



NPTEL CERTIFICATES

ACADEMIC YEAR: 2022-2023



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

LAVANYA V

for successfully completing the course

The Joy of Computing Using Python

with a consolidated score of **67** %

Online Assignments	24.94/25	Proctored Exam	42.23/75
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Total number of candidates certified in this course: **16145**

Devendra Jalihal

Prof. Devendra Jalihal

Chairperson,

Centre for Outreach and Digital Education, IITM

Jul-Oct 2023

(12 week course)

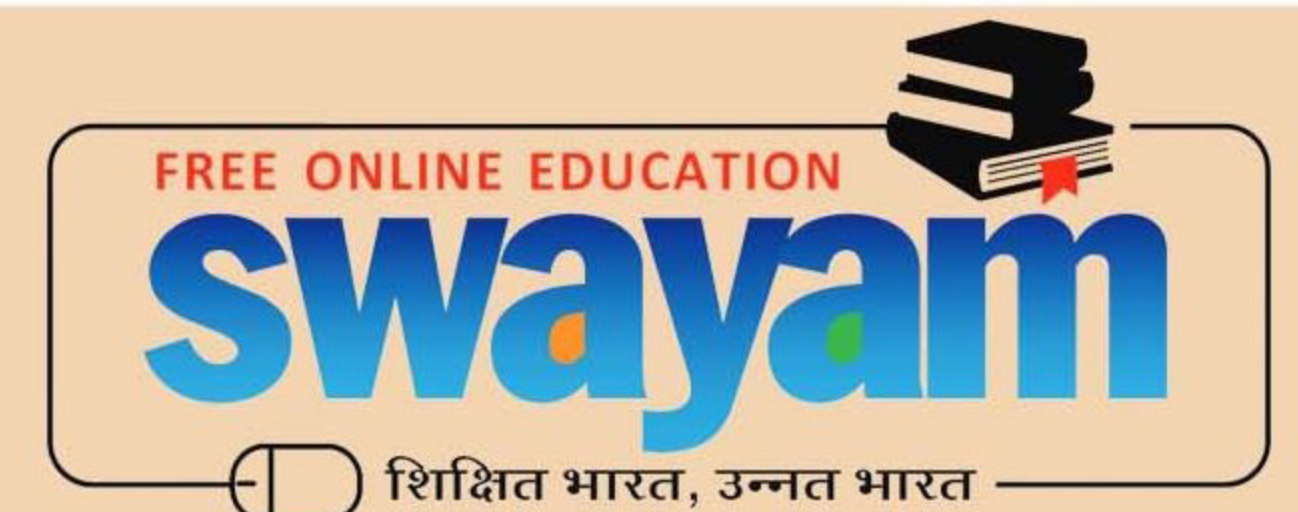
Prof. Andrew Thangaraj

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS108S43352764

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

JASMITHA D

for successfully completing the course

Programming in Java

with a consolidated score of **71** %

Online Assignments	21.69/25	Proctored Exam	49.5/75
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Total number of candidates certified in this course: **11713**

Jul-Oct 2023

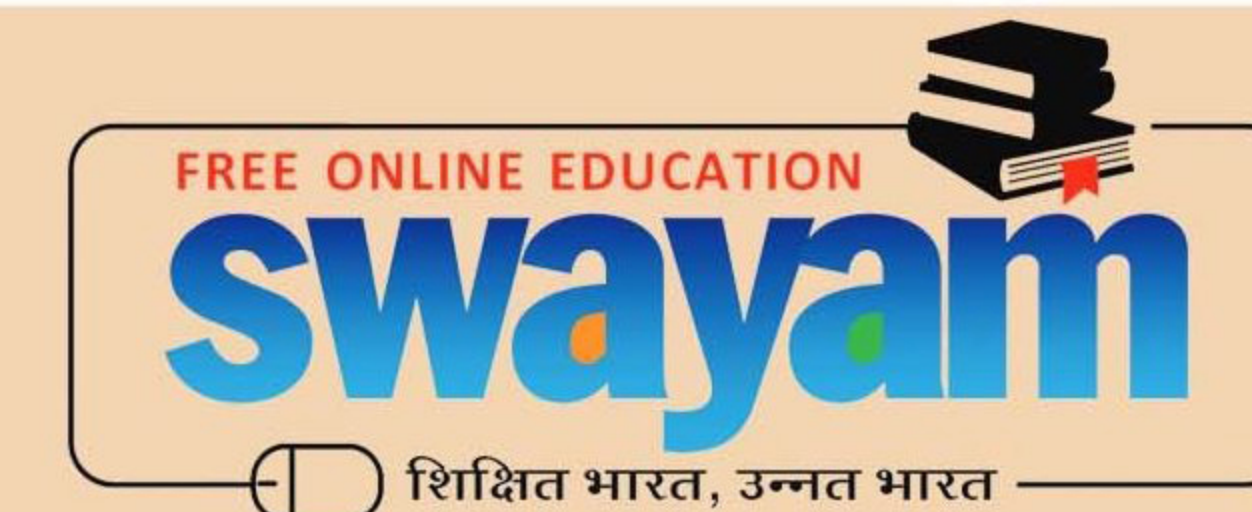
(12 week course)

Prof. Haimanti Banerji

Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS74S433510533

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

RAJAPRIYADHARSHINI B

for successfully completing the course

VLSI Design Flow: RTL to GDS

with a consolidated score of **57** %

Online Assignments	21.25/25	Proctored Exam	36/75
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Total number of candidates certified in this course: **1877**

Dr. Anand Srivastava

Coordinator

Continued Education Program, IIITD

Jul-Oct 2023

(12 week course)

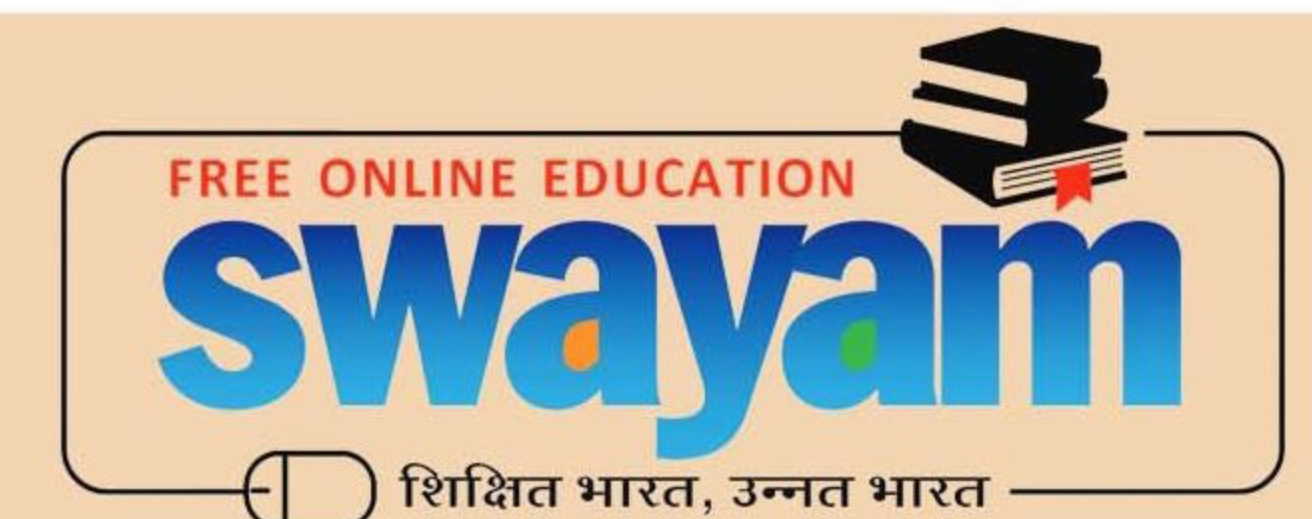
Prof. Andrew Thangaraj

NPTEL, Coordinator

IIT Madras



INDRAPRASTHA INSTITUTE of
INFORMATION TECHNOLOGY DELHI



Roll No: NPTEL23EE137S733504798

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

JAYAPREETHA S

for successfully completing the course

Environment and Development

with a consolidated score of **71** %

Online Assignments	24.38/25	Proctored Exam	46.5/75
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Total number of candidates certified in this course: **3604**

Jul-Oct 2023

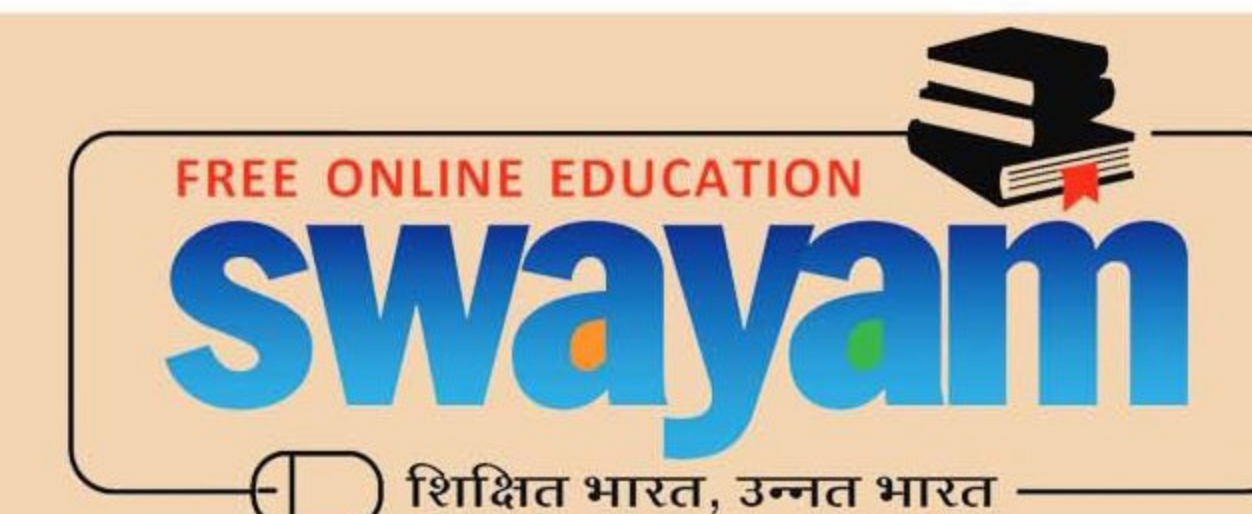
(12 week course)

Prof. T. V. Bharat

Head, Centre for Educational Technology
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL23HS133S43359992

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

VENUSREE S

for successfully completing the course

VLSI Design Flow: RTL to GDS

with a consolidated score of **67** %

Online Assignments	22.19/25	Proctored Exam	45/75
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Total number of candidates certified in this course: **1877**

Dr. Anand Srivastava
Coordinator
Continued Education Program, IIITD

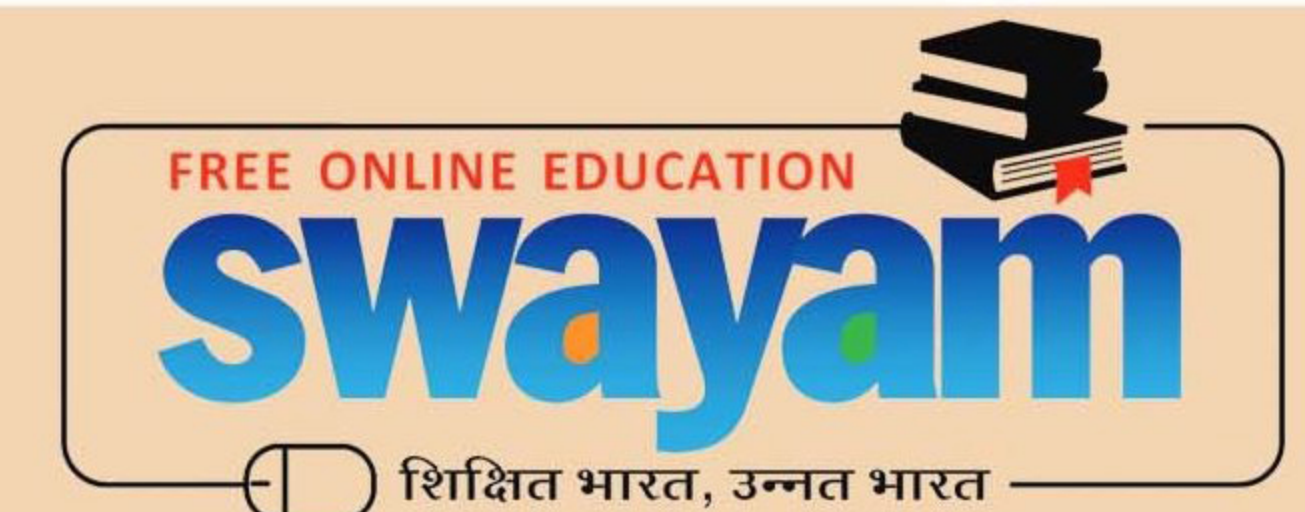
Jul-Oct 2023

(12 week course)

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



INDRAPRASTHA INSTITUTE of
INFORMATION TECHNOLOGY DELHI



Roll No: NPTEL23EE137S733501440

To verify the certificate



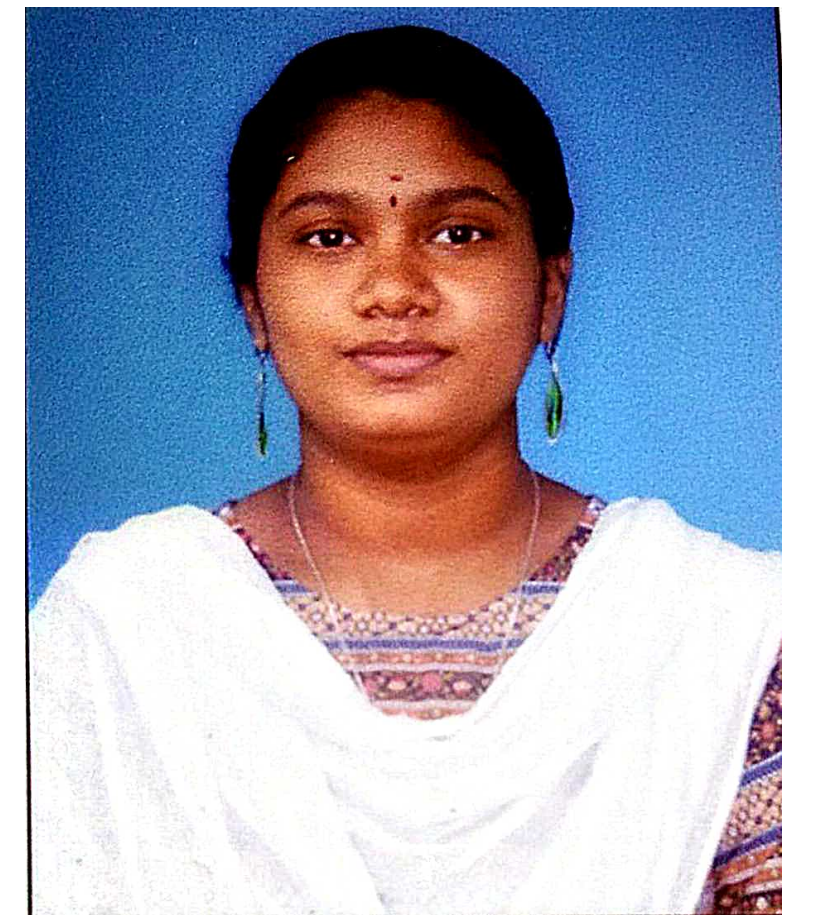
No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SUBHASHREE S

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **65** %

Online Assignments	24.35/25	Proctored Exam	40.5/75
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Total number of candidates certified in this course: **25880**

Jul-Oct 2023

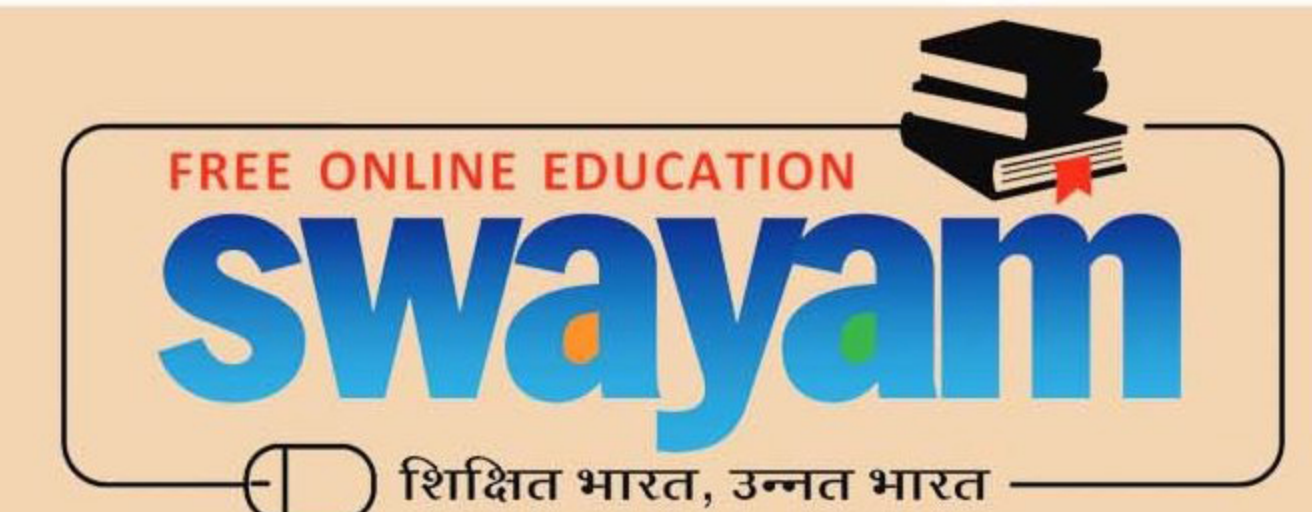
(12 week course)

Prof. Haimanti Banerji

Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS83S13353885

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

JOSIKA V S

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **54** %

Online Assignments	23.75/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **25880**

Jul-Oct 2023

(12 week course)

Prof. Haimanti Banerji

Coordinator, NPTEL

IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS83S1335537

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

JERLIN JOY C G

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **64** %

Online Assignments	25/25	Proctored Exam	39/75
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Total number of candidates certified in this course: **25880**

Jul-Oct 2023

(12 week course)

Prof. Haimanti Banerji

Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS83S23352833

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

SANDEEP KUMAR M N

for successfully completing the course

VLSI Design Flow: RTL to GDS



with a consolidated score of **78** %

Online Assignments	22.19/25	Proctored Exam	56.25/75
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Total number of candidates certified in this course: **1877**

Dr. Anand Srivastava

Coordinator

Continued Education Program, IIITD

Jul-Oct 2023

(12 week course)

Prof. Andrew Thangaraj

NPTEL, Coordinator

IIT Madras



INDRAPRASTHA INSTITUTE of
INFORMATION TECHNOLOGY DELHI



Roll No: NPTEL23EE137S833511631

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

CHANDRASEKAR S D

for successfully completing the course

Introduction to Machine Learning

with a consolidated score of **53** %

Online Assignments	22.88/25	Proctored Exam	30/75
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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: NPTEL23CS87S25332918

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
THAMARAI KANNAN G
for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **60** %

Online Assignments	24.78/25	Proctored Exam	35.5/75
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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



शिक्षित भारत, उन्नत भारत





NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
THAMARAI KANNAN G
for successfully completing the course

Digital Circuits

with a consolidated score of **58** %

Online Assignments	24.56/25	Proctored Exam	33/75
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Total number of candidates certified in this course: **1232**

Jul-Oct 2022
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur





Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

KANDHAN M

for successfully completing the course

C Programming and Assembly Language

with a consolidated score of **67** %

Online Assignments	18.83/25	Proctored Exam	48.5/75
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Total number of candidates certified in this course: **304**

Prof. Devendra Jaliha

Chairperson,

Centre for Outreach and Digital Education, IITM

Aug-Sep 2023

(4 week course)

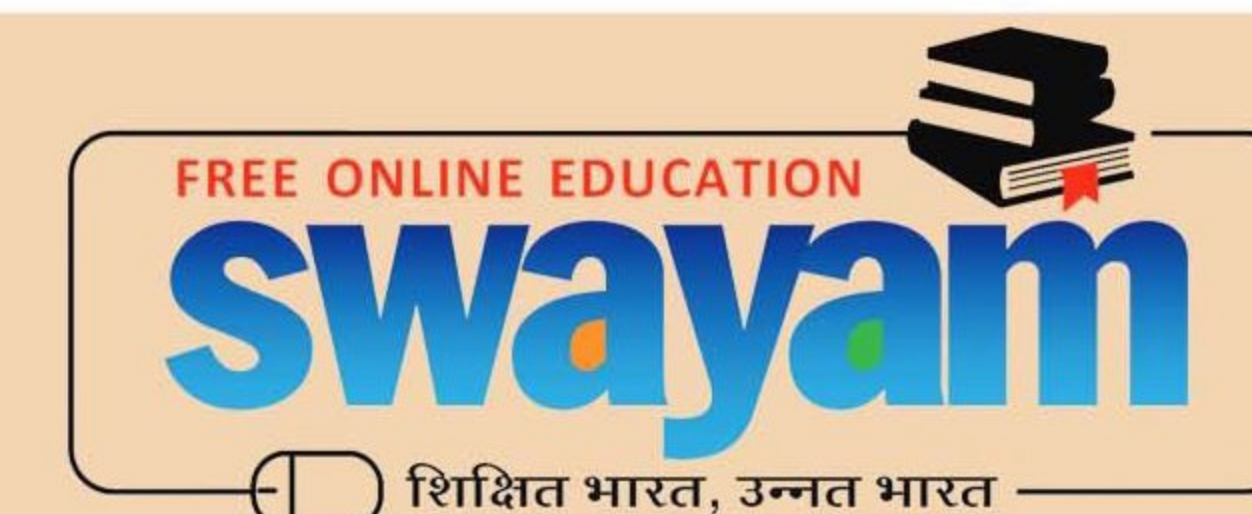
Prof. Andrew Thangaraj

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS93S633504207

To verify the certificate



No. of credits recommended: 1 or 2



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

JOSHUA GIFTSON I

for successfully completing the course

C Programming and Assembly Language

with a consolidated score of **71** %

Online Assignments	18.83/25	Proctored Exam	51.99/75
--------------------	----------	----------------	----------

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

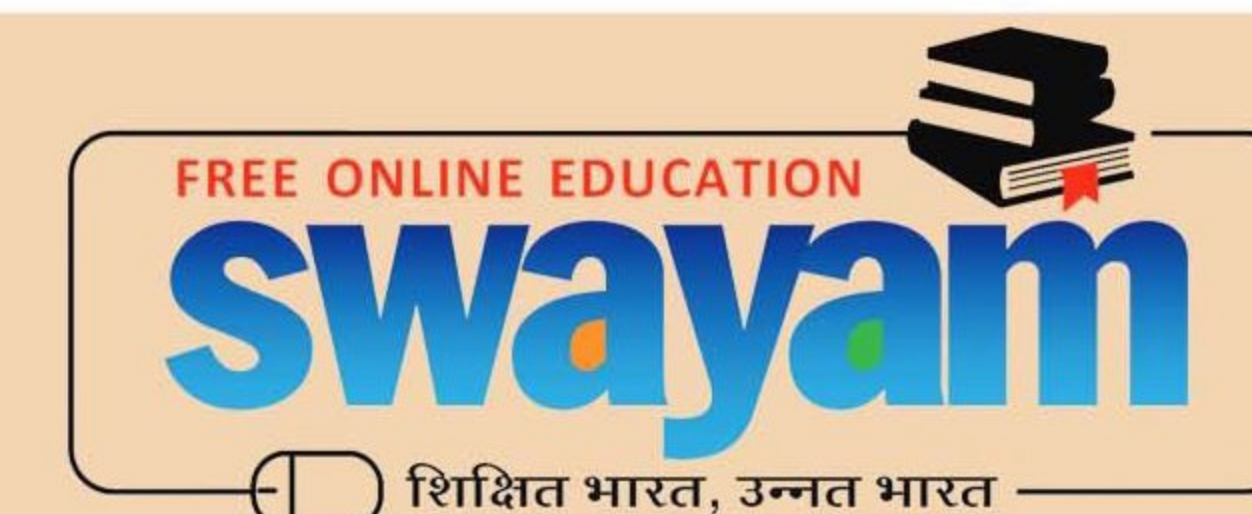
Prof. Andrew Thangaraj

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS93S633504138

To verify the certificate



No. of credits recommended: 1 or 2



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SAI HARSHITHA M

for successfully completing the course

Ecology and Environment

with a consolidated score of **61** %

Online Assignments	19.88/25	Proctored Exam	41.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **1334**

Devendra Jalihal

Prof. Devendra Jalihal

Chairperson,

Centre for Outreach and Digital Education, IITM

Aug-Oct 2023

(8 week course)

Prof. Andrew Thangaraj

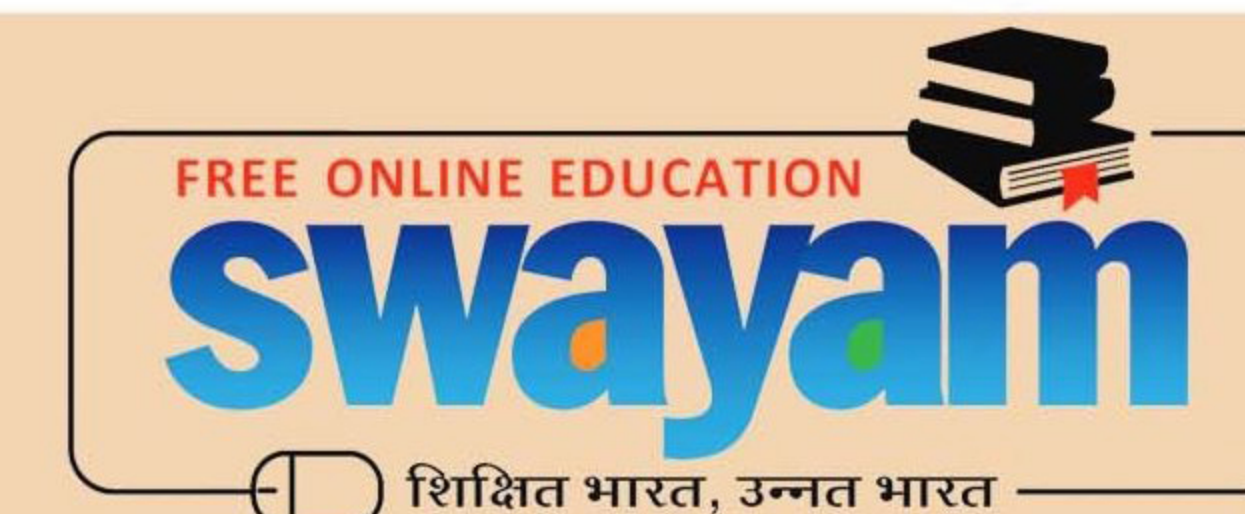
Prof. Andrew Thangaraj

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23GE33S33358198

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

RAGHAV VYAS

for successfully completing the course

Digital Circuits

with a consolidated score of **63** %

Online Assignments	23.94/25	Proctored Exam	39/75
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Total number of candidates certified in this course: **2526**

Jul-Oct 2023

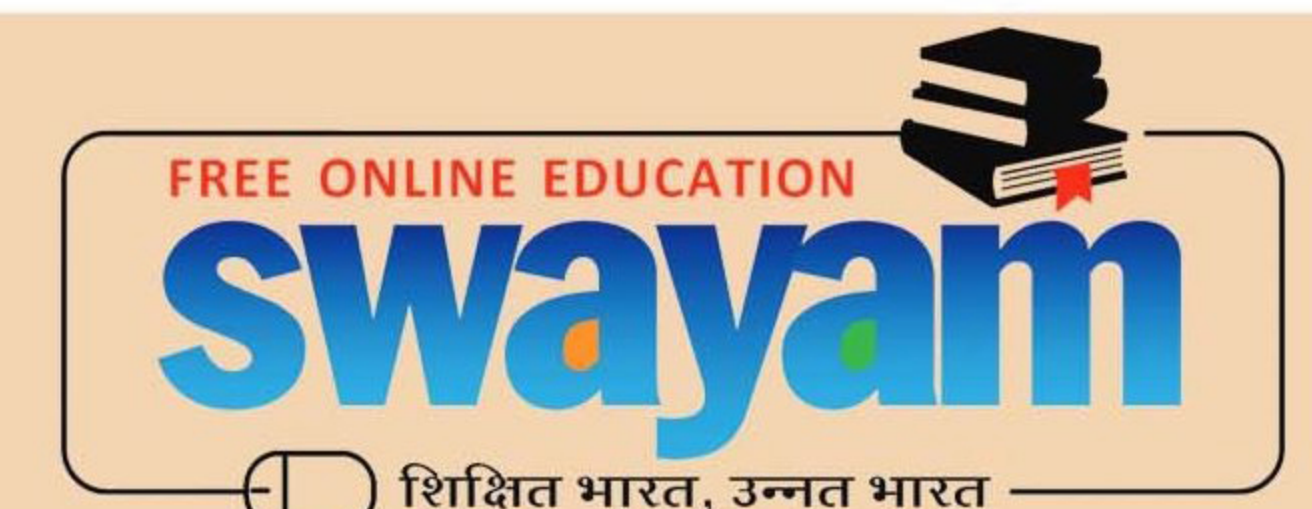
(12 week course)

Prof. Haimanti Banerji

Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23EE115S33344480

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

JAYASRI S

for successfully completing the course

Digital Circuits

with a consolidated score of **54** %

Online Assignments	23.94/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **2526**

Jul-Oct 2023

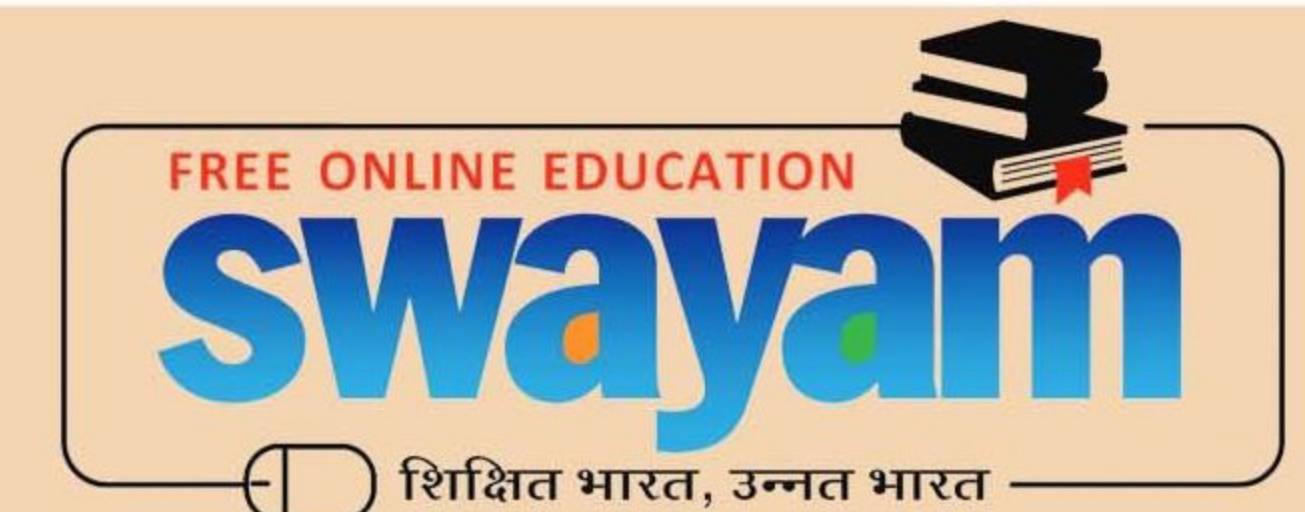
(12 week course)

Prof. Haimanti Banerji

Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23EE115S43346323

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

GRACE MARIA J

for successfully completing the course

The Joy of Computing Using Python

with a consolidated score of **72** %

Online Assignments	24.94/25	Proctored Exam	47.23/75
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Total number of candidates certified in this course: **16145**

Devendra Jalihal

Prof. Devendra Jalihal

Chairperson,

Centre for Outreach and Digital Education, IITM

Jul-Oct 2023

(12 week course)

Prof. Andrew Thangaraj

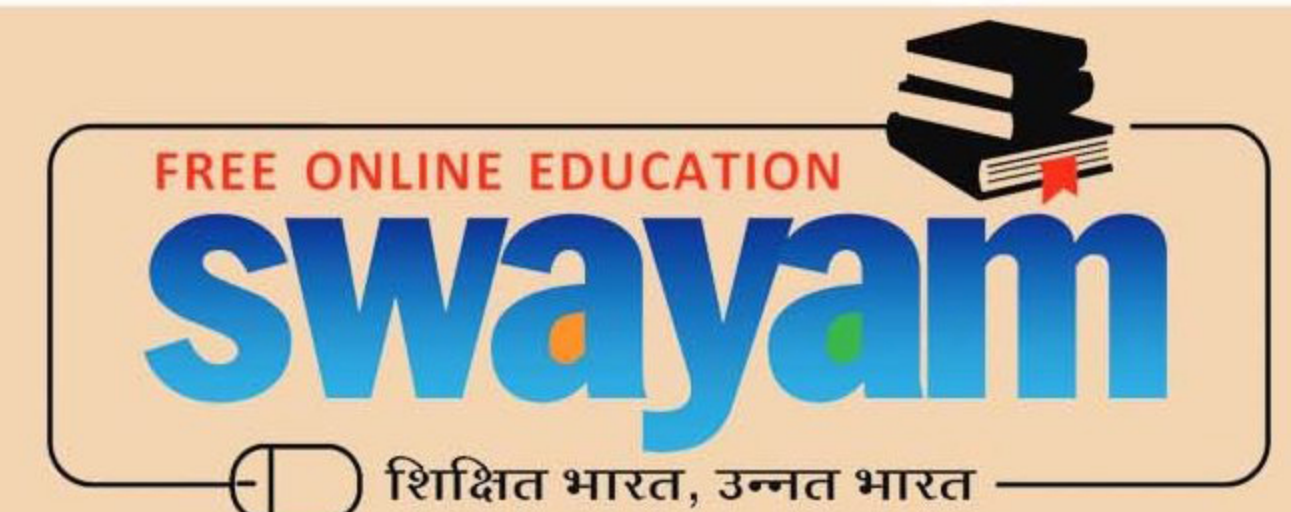
Prof. Andrew Thangaraj

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS108S43359626

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

GRACE MARIA J

for successfully completing the course

The Joy of Computing Using Python

with a consolidated score of **72** %

Online Assignments	24.94/25	Proctored Exam	47.23/75
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Total number of candidates certified in this course: **16145**

Prof. Devendra Jaliha

Chairperson,

Centre for Outreach and Digital Education, IITM

Jul-Oct 2023

(12 week course)

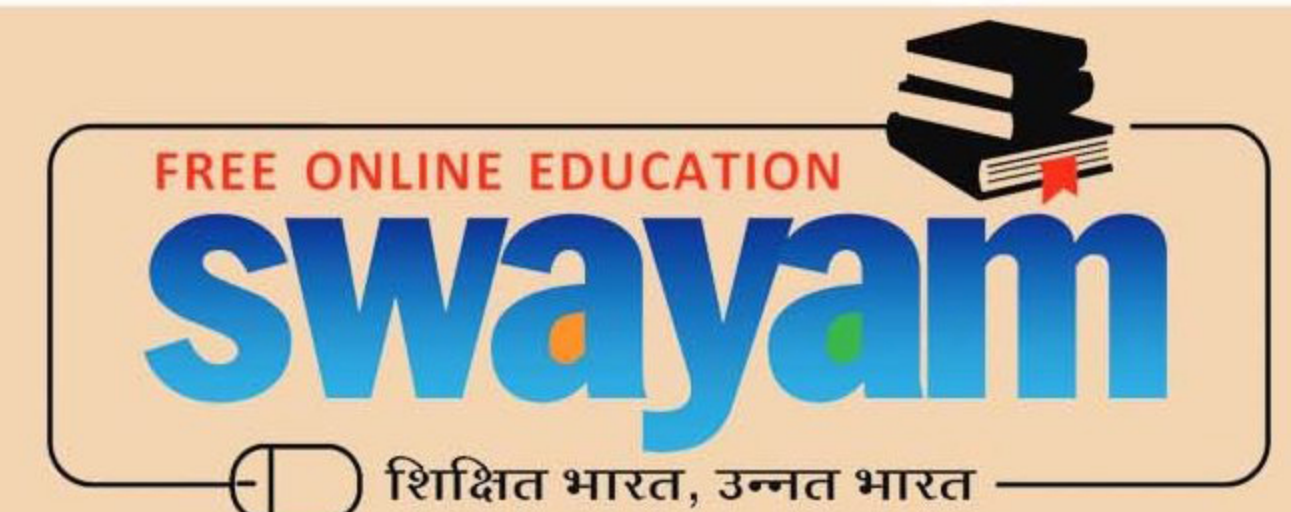
Prof. Andrew Thangaraj

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS108S43359626

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

BALAJI E

for successfully completing the course

VLSI Design Flow: RTL to GDS

with a consolidated score of **58** %

Online Assignments	22.81/25	Proctored Exam	35.25/75
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Total number of candidates certified in this course: **1877**

Dr. Anand Srivastava

Coordinator

Continued Education Program, IIITD

Jul-Oct 2023

(12 week course)

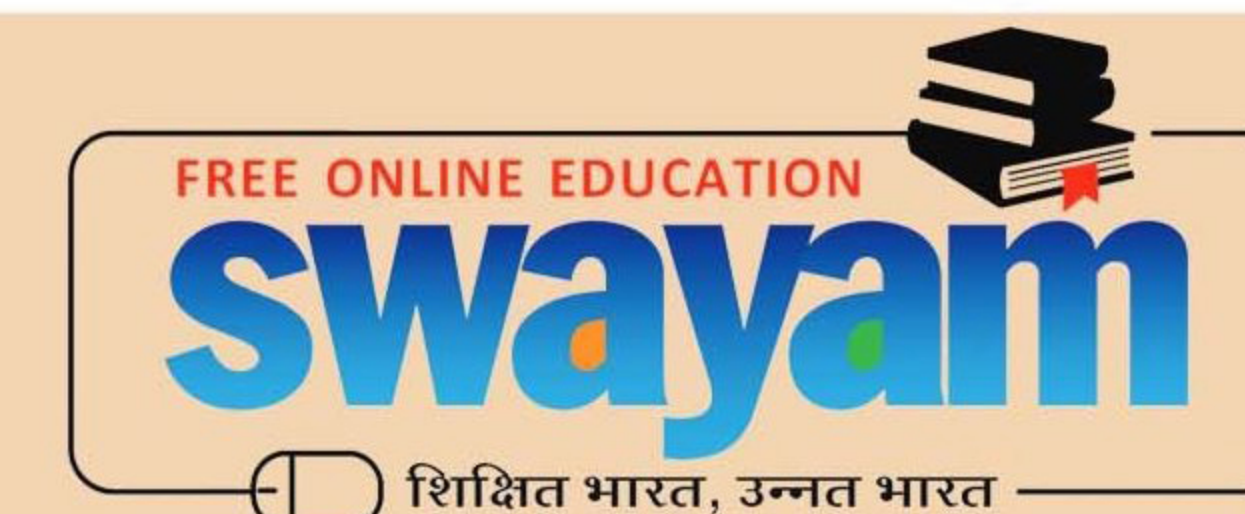
Prof. Andrew Thangaraj

NPTEL, Coordinator

IIT Madras



INDRAPRASTHA INSTITUTE of
INFORMATION TECHNOLOGY DELHI



Roll No: NPTEL23EE137S833900181

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

ALICE MERINA F

for successfully completing the course

The Joy of Computing Using Python

with a consolidated score of **60** %

Online Assignments	23.85/25	Proctored Exam	36/75
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Total number of candidates certified in this course: **16145**

Prof. Devendra Jaliha

Chairperson,

Centre for Outreach and Digital Education, IITM

Jul-Oct 2023

(12 week course)

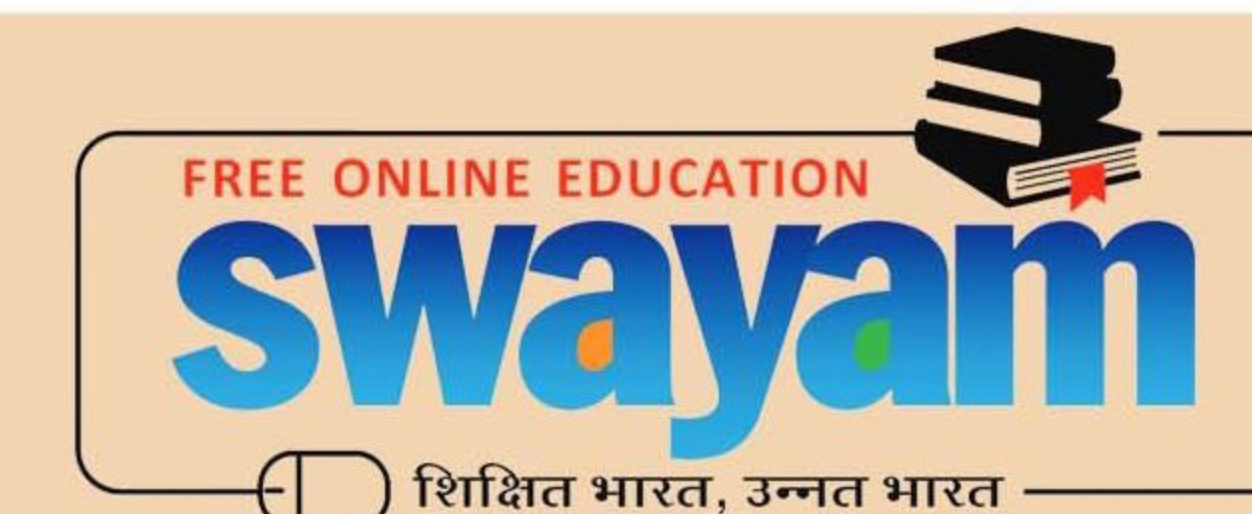
Prof. Andrew Thangaraj

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS108S43359236

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

SHRIMANGALESH U M

for successfully completing the course

Hydrogen Energy: Production, Storage, Transportation and Safety

with a consolidated score of **63** %

Online Assignments	18.44/25	Proctored Exam	44.23/75
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Total number of candidates certified in this course: **605**

Jul-Oct 2023

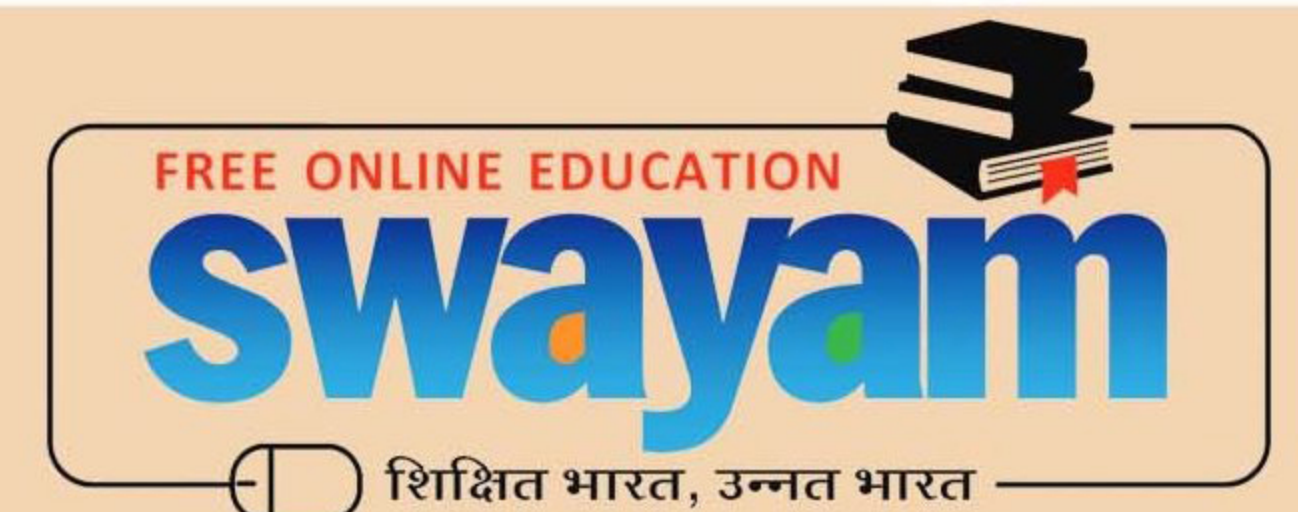
(12 week course)

Prof. Sridhar Iyer

Head CDEEP & NPTEL Coordinator
IIT Bombay



Indian Institute of Technology Bombay



Roll No: NPTEL23CH74S738600046

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

SHERIL J

for successfully completing the course

Robotics

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: **462**

Jul-Sep 2023

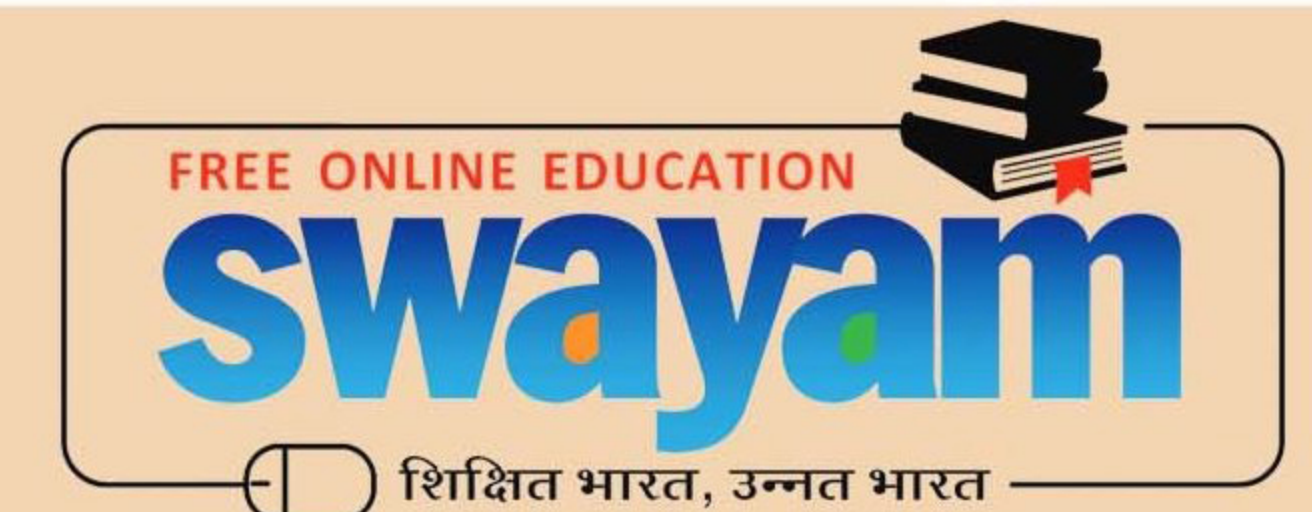
(8 week course)

Prof. Haimanti Banerji

Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23ME120S45332689

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

KARTHIKEYAN MANENTHINATHAN

for successfully completing the course

Python for Data Science

with a consolidated score of **56** %

Online Assignments	24.75/25	Proctored Exam	31.4/75
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Total number of candidates certified in this course: **7596**

Prof. Devendra Jalihal

Chairperson,

Centre for Outreach and Digital Education, IITM

Jul-Aug 2023

(4 week course)

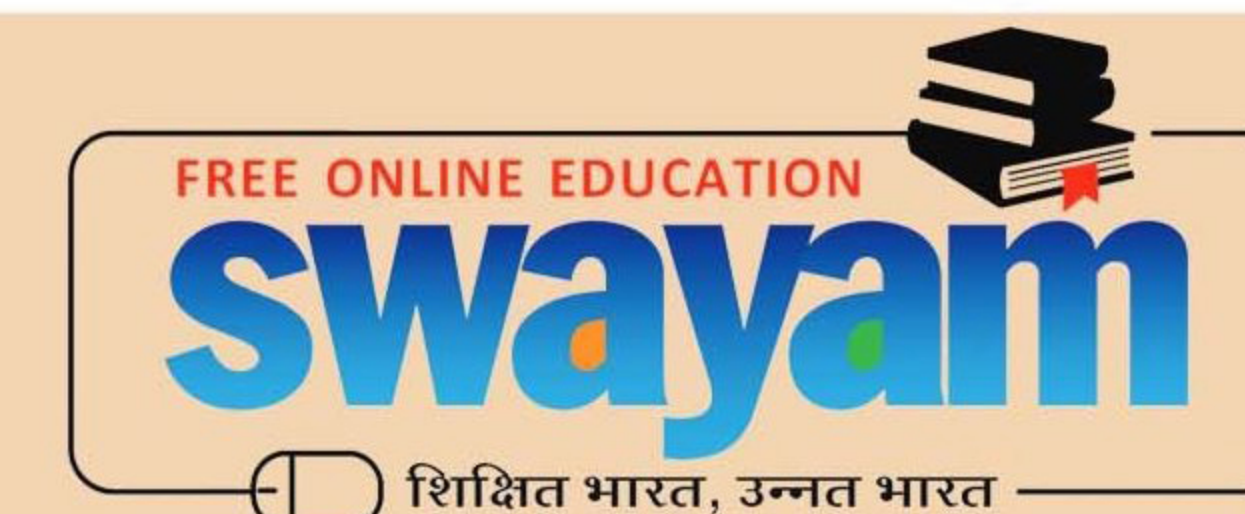
Prof. Andrew Thangaraj

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS99S15334001

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

KAVIYA S

for successfully completing the course

Industrial Biotechnology

with a consolidated score of **51** %

Online Assignments	16.06/25	Proctored Exam	35.25/75
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Total number of candidates certified in this course: **186**

Jul-Oct 2022
(12 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22BT36S44461939

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

DIVYA M

for successfully completing the course

Industrial Biotechnology

with a consolidated score of **46** %

Online Assignments	15.85/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **186**

Jul-Oct 2022

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22BT36S44462086

To validate the certificate



No. of credits recommended: 3 or 4

This certificate is computer generated and can be verified by scanning the QR code given below.

76

Roll No: NPTEL22BT25S44462658

To
CELSIA ELIZABETH B
NO 72A, MANOJ STREET, PACHAIAMMAI NAGAR
GERUGAMBAKKAM, PORUR
CHENNAI
TAMIL NADU - 600122
PH. NO :7358341914



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

No. of credits recommended by NPTEL:2

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

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
CELSIA ELIZABETH B
for successfully completing the course

Nanotechnology In Agriculture

with a consolidated score of **63** %

Online Assignments	19.58/25	Proctored Exam	43.5/75
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Total number of candidates certified in this course: 544

Pathish

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

Feb-Apr 2022
(8 week course)

Satyaki

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL22BT25S44462658

To validate and check scores: <https://nptel.ac.in/noc>

Roll No: NPTEL22BT19S43312506

To
B MRIDHULA
 11/4 G-1 APRAMEYA FLATS BRINDAVAN NAGAR
 1ST STREET PALAVANTHANGAL
 CHENNAI
 TAMILNADU - 600114
 PH. NO :9710608697

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



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



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

B MRIDHULA

for successfully completing the course

Bioreactor Design and Analysis

with a consolidated score of **48** %

Online Assignments	17.5/25	Proctored Exam	30/75
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Total number of candidates certified in this course: 98

Devendra Jalihal

Prof. Devendra Jalihal
 Chairman
 Centre for Continuing Education, IITM

Jan-Mar 2022
 (8 week course)

Andrew Thangaraj

Prof. Andrew Thangaraj
 NPTEL, Coordinator
 IIT Madras



Indian Institute of Technology Madras





NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

M SABIN

for successfully completing the course

Petroleum Technology

with a consolidated score of **44** %

Online Assignments	14.42/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **102**

Jul-Sep 2023

(8 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CH64S35324057

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
JAWAHIRULLAH FAJLUL KAREEM
for successfully completing the course

Petroleum Technology

with a consolidated score of **57** %

Online Assignments	18.29/25	Proctored Exam	38.25/75
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Total number of candidates certified in this course: **102**

Jul-Sep 2023

(8 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CH84S45330580

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

JEYOWIN J

for successfully completing the course

Chemical Process Safety

with a consolidated score of **51** %

Online Assignments	13.63/25	Proctored Exam	37.75/75
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Total number of candidates certified in this course: **446**

Prof. Kaushik Ghosh,
Professor (Chemistry)
Coordinator CEC

Jul-Oct 2023

(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL23CH715733400719

To verify the certificate



No. of credits recommended: 3 or 4

St. Joseph's College of Engineering
Department of Chemical Engineering
NPTEL – Certificates – 2023-2024
Year: III



NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to
AGNES CECILIA A
for successfully completing the course

Mechanical Operations

with a consolidated score of **49** %

Online Assignments	17.33/25	Proctored Exam	31.5/75
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Total number of candidates certified in this course: **26**



Ghosh
Prof. Kaushik Ghosh,
Professor (Chemistry)
Coordinator CEC

Jul-Aug 2023
(4 week course)

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



Indian Institute of Technology Roorkee



NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to
BISWIN ROY AJ
for successfully completing the course

Mechanical Operations

with a consolidated score of **53** %


Online Assignments	17.33/25	Proctored Exam	36/75
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Total number of candidates certified in this course: **26**




Ghosh
Prof. Kaushik Ghosh,
Professor (Chemistry)
Coordinator CEC

Jul-Aug 2023
(4 week course)

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



Indian Institute of Technology Roorkee



Elite NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to
DHARANI R
for successfully completing the course

Mechanical Operations

with a consolidated score of **68** %


Online Assignments	20.08/25	Proctored Exam	48/75
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Total number of candidates certified in this course: **26**


Ghosh
Prof. Kaushik Ghosh,
Professor (Chemistry)
Coordinator CEC

Jul-Aug 2023
(4 week course)

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



Indian Institute of Technology Roorkee



Elite

NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to
DINESH ARAVIND V
for successfully completing the course

Heat Transfer

with a consolidated score of **72** %

Online Assignments	19.41/25	Proctored Exam	52.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **61**

Jul-Oct 2023
(12 week course)

Banerji
Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

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NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to
GANESAN V
for successfully completing the course

Mechanical Operations

with a consolidated score of **53** %

Online Assignments	15.92/25	Proctored Exam	37.5/75
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Total number of candidates certified in this course: **26**

Jul-Aug 2023
(4 week course)

Ghosh
Prof. Kaushik Ghosh,
Professor (Chemistry)
Coordinator CEC

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

Indian Institute of Technology Roorkee

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Elite

NPTEL Online Certification
(Funded by the MoE, Govt. of India)

TOPPER

This certificate is awarded to
GOKUL R
for successfully completing the course

Mechanical Operations

with a consolidated score of **81** %

Online Assignments	19.75/25	Proctored Exam	61.5/75
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Total number of candidates certified in this course: **26**

Jul-Aug 2023
(4 week course)

Ghosh
Prof. Kaushik Ghosh,
Professor (Chemistry)
Coordinator CEC

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

Indian Institute of Technology Roorkee

swayam
FREE ONLINE EDUCATION
विद्यया ऽमृतं ज्ञानं मेव

NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to
JEFRESH Y
for successfully completing the course

Mechanical Operations

with a consolidated score of **56** %

Online Assignments	17.33/25	Proctored Exam	39/75
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Total number of candidates certified in this course: **26**

Jul-Aug 2023
(4 week course)

Ghosh
Prof. Kaushik Ghosh,
Professor (Chemistry)
Coordinator CEC

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

Indian Institute of Technology Roorkee

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FREE ONLINE EDUCATION
विद्यया ऽमृतं ज्ञानं मेव



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
KAVYA S

for successfully completing the course

Fundamentals of Additive Manufacturing Technologies

with a consolidated score of **57** %

Online Assignments	24.38/25	Proctored Exam	33.06/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **328**

Jul-Oct 2023
(12 week course)

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



Indian Institute of Technology Guwahati



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
V KISHORE

for successfully completing the course

Mechanical Operations

with a consolidated score of **51** %

Online Assignments	16.42/25	Proctored Exam	34.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **26**

Jul-Aug 2023
(4 week course)

Kaushik Ghosh
Prof. Kaushik Ghosh,
Professor (Chemistry)
Coordinator CEC

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



Indian Institute of Technology Roorkee



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
LINGA DHARANI V

for successfully completing the course

Fundamentals of Additive Manufacturing Technologies

with a consolidated score of **54** %

Online Assignments	20.1/25	Proctored Exam	33.81/75
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Total number of candidates certified in this course: **328**

Jul-Oct 2023
(12 week course)

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



Indian Institute of Technology Guwahati



Elite



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
NABIN SUDHAR N

for successfully completing the course

Mechanical Operations

with a consolidated score of **65** %

Online Assignments	17.08/25	Proctored Exam	48/75
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Total number of candidates certified in this course: **26**

Jul-Aug 2023
(4 week course)

Kaushik Ghosh
Prof. Kaushik Ghosh,
Professor (Chemistry)
Coordinator CEC

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



Indian Institute of Technology Roorkee





NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
PRADEEPA K
for successfully completing the course

Mechanical Operations

with a consolidated score of **57** %

Online Assignments	16.17/25	Proctored Exam	40.5/75
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Total number of candidates certified in this course: **26**

Ghosh
Prof. Kaushik Ghosh,
Professor (Chemistry)
Coordinator CEC

Jul-Aug 2023
(4 week course)

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



Indian Institute of Technology Roorkee



Elite NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
PREM KUMAR M
for successfully completing the course

Mechanical Operations

with a consolidated score of **60** %

Online Assignments	17.58/25	Proctored Exam	42/75
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Total number of candidates certified in this course: **26**

Ghosh
Prof. Kaushik Ghosh,
Professor (Chemistry)
Coordinator CEC

Jul-Aug 2023
(4 week course)

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



Indian Institute of Technology Roorkee



Elite NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
SURIYA PRAKASH
for successfully completing the course

Mechanical Operations

with a consolidated score of **65** %

Online Assignments	17.17/25	Proctored Exam	48/75
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Total number of candidates certified in this course: **26**

Ghosh
Prof. Kaushik Ghosh,
Professor (Chemistry)
Coordinator CEC

Jul-Aug 2023
(4 week course)

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



Indian Institute of Technology Roorkee



Elite NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
DINESH ARAVIND V
for successfully completing the course

Mechanical Operations

with a consolidated score of **71** %

Online Assignments	20.08/25	Proctored Exam	51/75
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Total number of candidates certified in this course: **26**

Ghosh
Prof. Kaushik Ghosh,
Professor (Chemistry)
Coordinator CEC

Jul-Aug 2023
(4 week course)

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



Indian Institute of Technology Roorkee



Department of Chemical Engineering
NPTEL COURSE CERTIFICATES 2023-2024
CHEMICAL FINAL YEAR (IV yr)- BATCH(2020-2024)



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

GAJA LAKSHMI R

for successfully completing the course



Technologies for Clean and Renewable Energy Production

with a consolidated score of **77** %

Online Assignments	22.92/25	Proctored Exam	54/75
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Total number of candidates certified in this course: **579**

Prof. Kaushik Ghosh,
Professor (Chemistry)
Coordinator CEC

Jul-Sep 2023
(8 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL23CH73S45331487

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

SARUGESAN S

for successfully completing the course

Ecology and Environment

with a consolidated score of **52** %

Online Assignments	18.63/25	Proctored Exam	33.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **1334**

Devendra Jalihal

Prof. Devendra Jalihal

Chairperson,
Centre for Outreach and Digital Education, IITM

Aug-Oct 2023

(8 week course)

Andrew Thangaraj

Prof. Andrew Thangaraj

NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23GE33S33358276

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

PRAVEENKUMAR V

for successfully completing the course



Aspen Plus® Simulation Software - A Basic Course for Beginners

with a consolidated score of **78** %

Online Assignments	15.94/25	Proctored Exam	62.5/75
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Total number of candidates certified in this course: **431**

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: NPTEL23CH56S833510319

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

PRAVEENKUMAR V

for successfully completing the course

Chemical Process Intensification



with a consolidated score of **77** %

Online Assignments	20.47/25	Proctored Exam	56.25/75
--------------------	----------	----------------	----------

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

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: NPTEL23CH48S633510530

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
ANANYA MUNNANGI
for successfully completing the course

Chemical Process Utilities

with a consolidated score of **69** %

Online Assignments	20.69/25	Proctored Exam	48/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **88**

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: NPTEL23CH28S43360196

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
ANANYA MUNNANGI
for successfully completing the course

MATLAB Programming for Numerical Computation

with a consolidated score of **62** %

Online Assignments	15.88/25	Proctored Exam	46.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **219**

Devendra Jalihal

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

Jan-Apr 2023
(12 week course)

Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CH42S33360312

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

ANANYA MUNNANGI

for successfully completing the course



Aspen Plus® Simulation Software - A Basic Course for Beginners

with a consolidated score of **79** %

Online Assignments	17.19/25	Proctored Exam	61.72/75
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Total number of candidates certified in this course: **431**

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: NPTEL23CH56S833505209

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

ANANYA MUNNANGI

for successfully completing the course



Numerical Methods for Engineers

with a consolidated score of **78** %

Online Assignments	21.16/25	Proctored Exam	57/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **21**

Devendra Jalihal

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

Jul-Oct 2023
(12 week course)

Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23GE35S633511184

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

ANOOSH KUMAR

for successfully completing the course

Hydrogen Energy: Production, Storage, Transportation and Safety

with a consolidated score of **57** %

Online Assignments	16.25/25	Proctored Exam	40.31/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **605**

Jul-Oct 2023

(12 week course)

Prof. Sridhar Iyer
Head CDEEP & NPTEL Coordinator
IIT Bombay



Indian Institute of Technology Bombay



Roll No: NPTEL23CH74S833510135

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

ANOOSH KUMAR

for successfully completing the course

Electrochemical Technology in Pollution Control

with a consolidated score of **57** %

Online Assignments	22.92/25	Proctored Exam	33.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **73**

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: NPTEL23CH13S44342590

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
SIVA SUBRAMANIYAN K
for successfully completing the course

Biomass Conversion and Biorefinery

with a consolidated score of **62** %

Online Assignments	23.44/25	Proctored Exam	38.63/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **405**

Jan-Apr 2023
(12 week course)

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



Indian Institute of Technology Guwahati



Roll No: NPTEL23CH33S53365163

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
SELVA KUMARA RAJA K
for successfully completing the course

Chemical Process Intensification

with a consolidated score of **68** %

Online Assignments	19.69/25	Proctored Exam	48.44/75
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Total number of candidates certified in this course: **50**

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: NPTEL23CH48S533512223

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
SELVA KUMARA RAJA K
for successfully completing the course

Aspen Plus® Simulation Software - A Basic Course for Beginners

with a consolidated score of **62** %

Online Assignments	16.88/25	Proctored Exam	45.15/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **431**

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: NPTEL23CH56S733510625

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
PRAVEEN KUMAR S
for successfully completing the course

Software Testing

with a consolidated score of **58** %

Online Assignments	18.58/25	Proctored Exam	39.51/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **1218**

Jan-Feb 2023
(4 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS38S14346974

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
GANESH ATCHUT KADALI
for successfully completing the course

Technologies for Clean and Renewable Energy Production

with a consolidated score of **53** %

Online Assignments	15/25	Proctored Exam	37.5/75
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Total number of candidates certified in this course: **579**

Prof. Kaushik Ghosh,
Professor (Chemistry)
Coordinator CEC

Jul-Sep 2023
(8 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL23CH73S45335237

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

SWETHA PS

for successfully completing the course

Big Data Computing

with a consolidated score of **55** %

Online Assignments	25/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **2264**

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

Aug-Oct 2022

(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL22CS65S34463885

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

DAKSHINA RAGUL M

for successfully completing the course

Data Science for Engineers

with a consolidated score of **45** %

Online Assignments	15/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **1738**

Prof. Devendra Jalihal

Chairperson,
Centre for Outreach and Digital Education, IITM

Jul-Sep 2022

(8 week course)

Prof. Andrew Thangaraj

NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22CS72S13270606

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
ANTO MELVIN MATHEW
for successfully completing the course

Programming In Java

with a consolidated score of **54** %

Online Assignments	23.66/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **9357**

Jan-Apr 2023
(12 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS49S23346612

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
M ASHWIN
for successfully completing the course

Data Base Management System

with a consolidated score of **52** %

Online Assignments	17.79/25	Proctored Exam	33.75/75
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Total number of candidates certified in this course: **3518**

Jan-Mar 2023
(8 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS41S24342005

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
S ATHITHIAN
for successfully completing the course

Programming in Java

with a consolidated score of **90** %

Online Assignments	24.84/25	Programming Assignment	25/25	Proctored Exam	40/50
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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: NPTEL22CS102S64464038

To validate the certificate

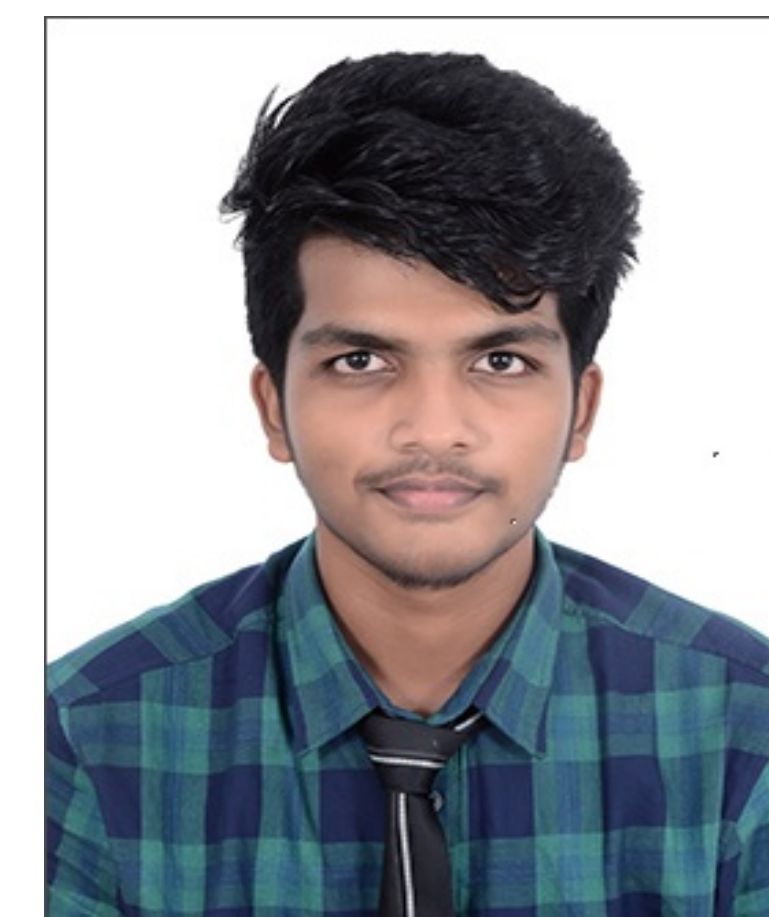


No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

P GIFTSON

for successfully completing the course

Programming, Data Structures and Algorithms Using Python

with a consolidated score of **48** %

Online Assignments	17.71/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **2081**

Prof. Devendra Jalihal

Chairperson,

Centre for Outreach and Digital Education, IITM

Jul-Sep 2023

(8 week course)

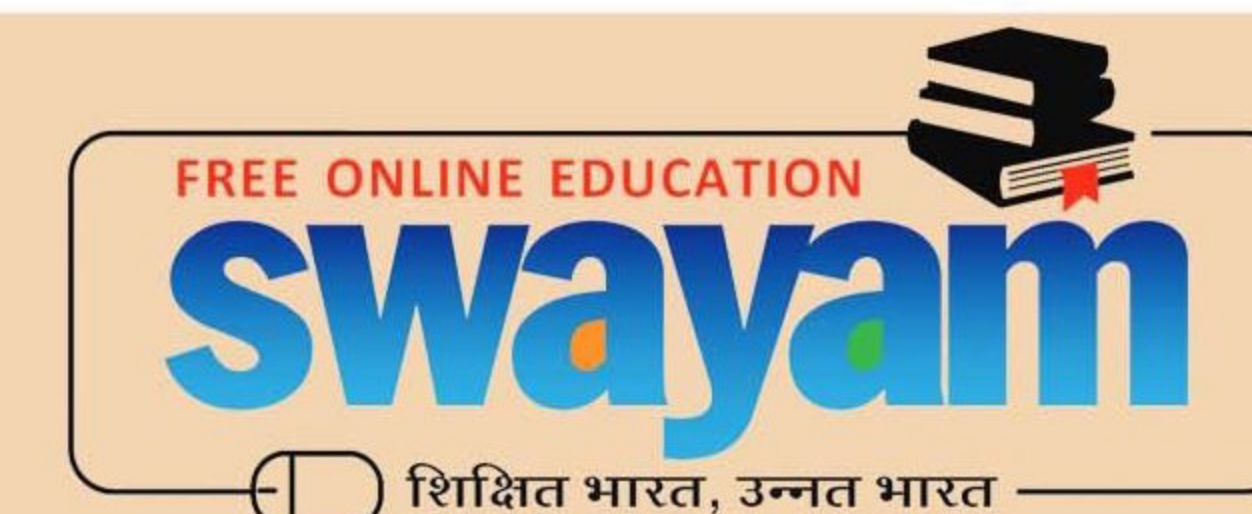
Prof. Andrew Thangaraj

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS95S25320408

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
HARIHARAAN S
for successfully completing the course

Data Base Management System

with a consolidated score of **45** %

Online Assignments	11.63/25	Proctored Exam	33/75
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Total number of candidates certified in this course: **3518**

Jan-Mar 2023
(8 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur

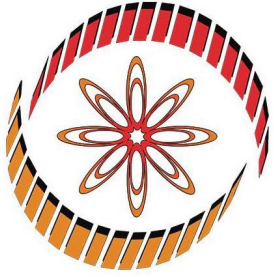


Roll No: NPTEL23CS41S14345442

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

HARINI J

for successfully completing the course

Data Base Management System

with a consolidated score of **76** %

Online Assignments	16.25/25	Proctored Exam	60/75
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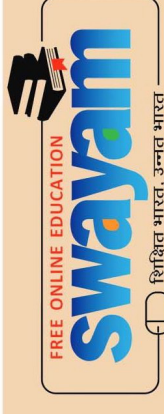
Total number of candidates certified in this course: **6795**

Jul-Sep 2023
(8 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS79S15330448

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
JAYA SURYA L
for successfully completing the course

Python for Data Science

with a consolidated score of **63** %

Online Assignments	23.67/25	Proctored Exam	39/75
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Total number of candidates certified in this course: **4711**

Devendra Jalihal

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

Jan-Feb 2023
(4 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS21S24342688

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

NAVEEN M K

for successfully completing the course

Computer Graphics

with a consolidated score of **78** %

Online Assignments	25/25	Proctored Exam	53.25/75
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Total number of candidates certified in this course: **660**

Jul-Sep 2023

(8 week course)

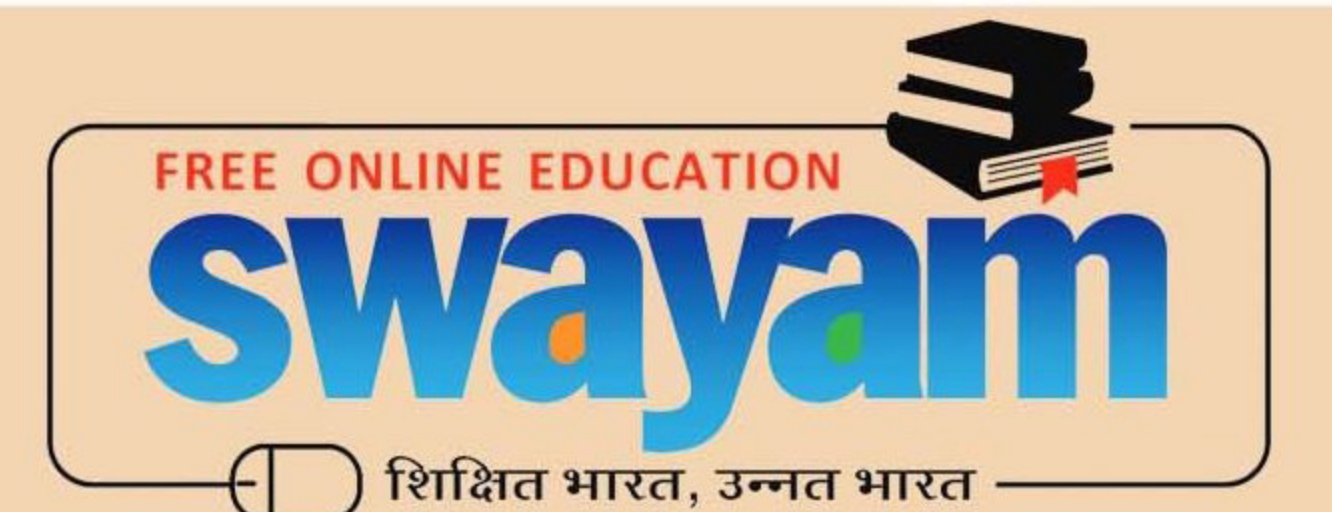


Prof. T. V. Bharat

Head, Centre for Educational Technology
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL23CS115S35331889

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

PRANAV RAJ H

for successfully completing the course

Computer Graphics

with a consolidated score of **69** %

Online Assignments	24.17/25	Proctored Exam	45/75
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Total number of candidates certified in this course: **660**

Jul-Sep 2023

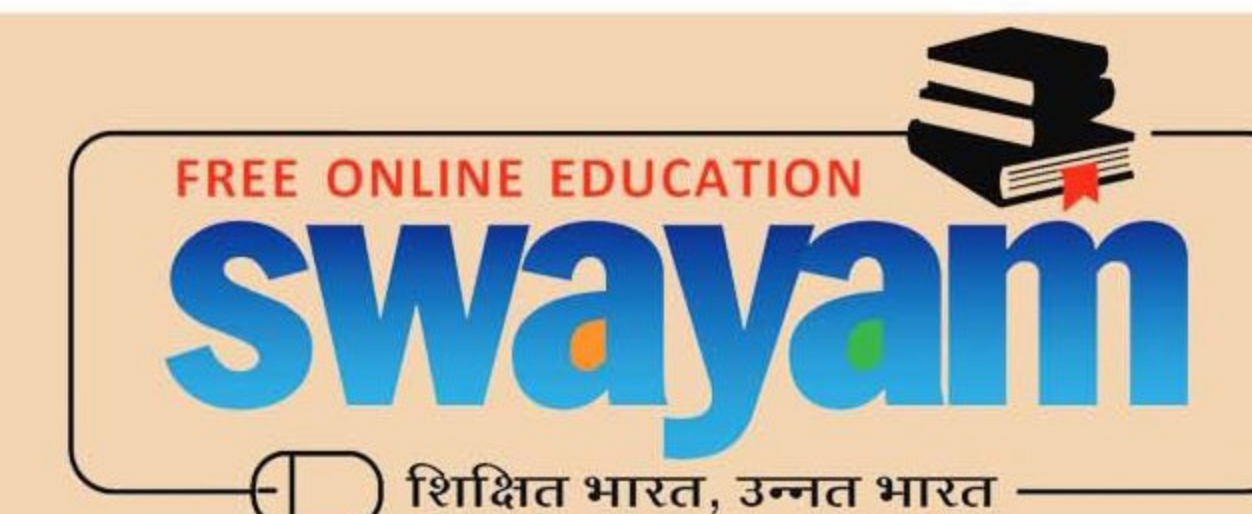
(8 week course)

Prof. T. V. Bharat

Head, Centre for Educational Technology
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL23CS115S45331855

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

RAJASREE S

for successfully completing the course

Applied Accelerated Artificial Intelligence

with a consolidated score of **60** %

Online Assignments	15.16/25	Proctored Exam	44.75/75
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Total number of candidates certified in this course: **361**

Dr. Piyush P. Kurur

Chairman, Centre for Continuing Education
IIT Palakkad

Jul-Oct 2023

(12 week course)

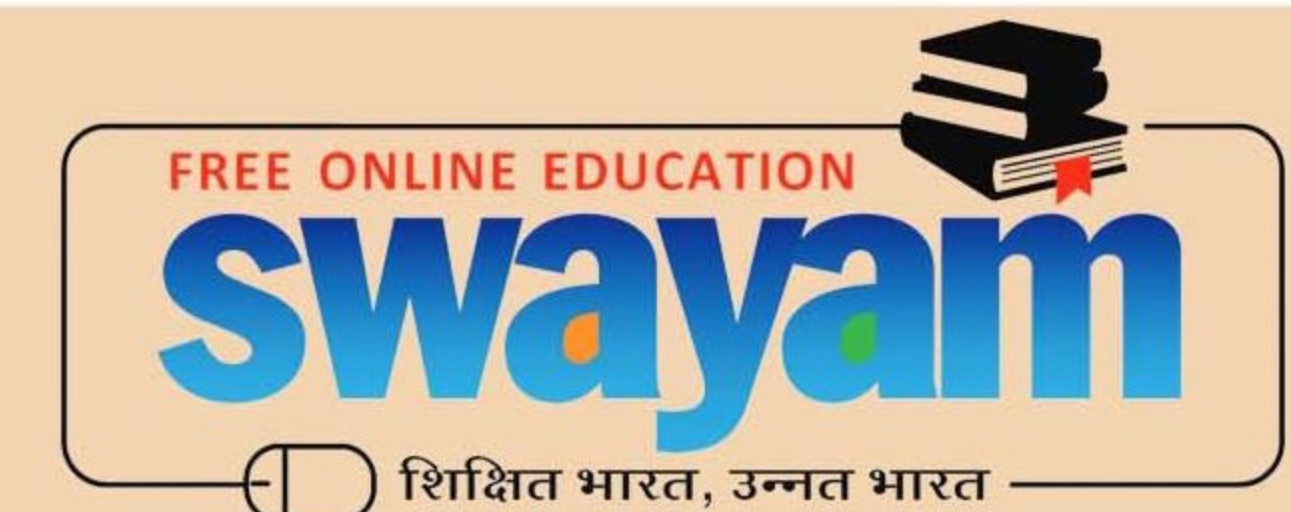
Prof. Andrew Thangaraj

NPTEL, Coordinator
IIT Madras



IIT PALAKKAD

Indian Institute of Technology Palakkad



Roll No: NPTEL23CS104S533510380

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

SARUMATHY P

for successfully completing the course

Python for Data Science



with a consolidated score of **82** %

Online Assignments	23.75/25	Proctored Exam	58.04/75
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Total number of candidates certified in this course: **7596**

Devendra Jalihal

Prof. Devendra Jalihal

Chairperson,

Centre for Outreach and Digital Education, IITM

Jul-Aug 2023

(4 week course)

Prof. Andrew Thangaraj

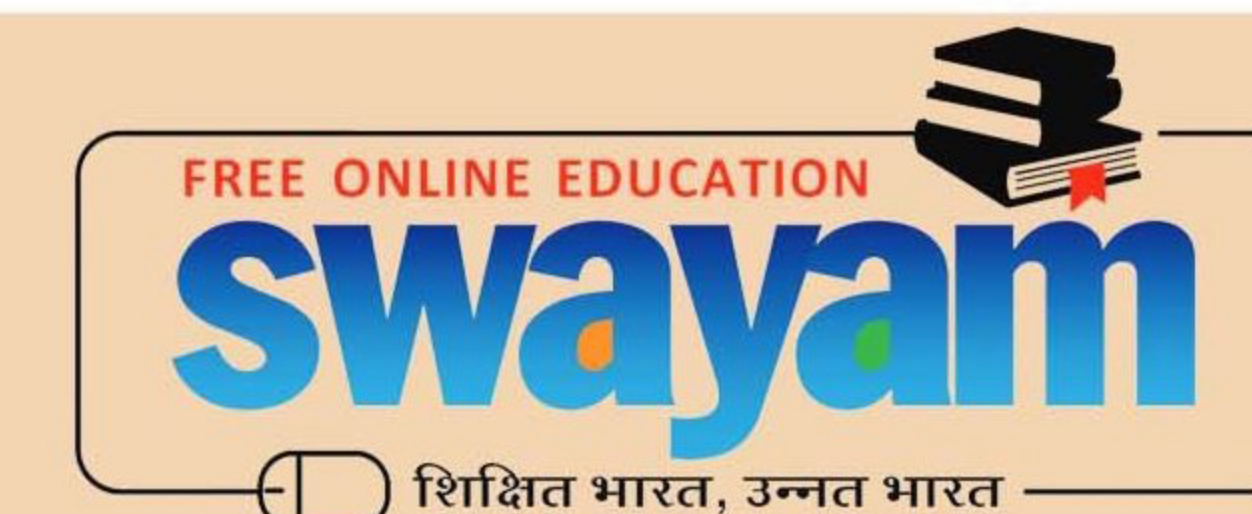
Prof. Andrew Thangaraj

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS99S25331450

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

SREERAM AM

for successfully completing the course

Machine Learning and Deep Learning - Fundamentals and Applications

with a consolidated score of **48** %

Online Assignments	18.31/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **893**

Jul-Oct 2023

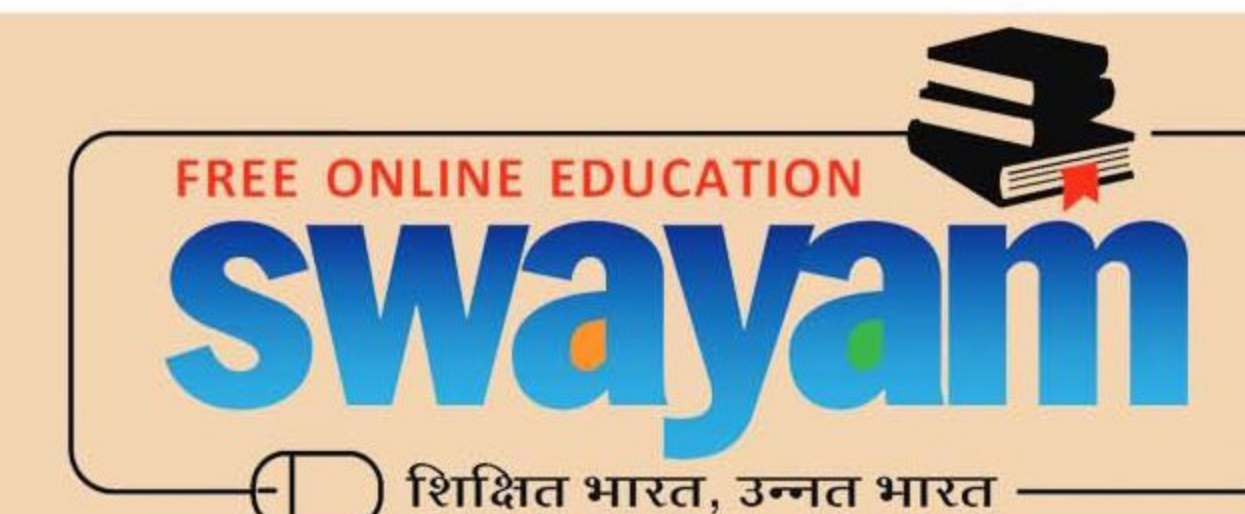
(12 week course)

Prof. T. V. Bharat

Head, Centre for Educational Technology
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL23EE87S733506522

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

SRIMATHI P

for successfully completing the course

Data Structure and Algorithms Using Java

with a consolidated score of **65** %

Online Assignments	24.69/25	Proctored Exam	40.75/75
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Total number of candidates certified in this course: **3896**

Jul-Oct 2023

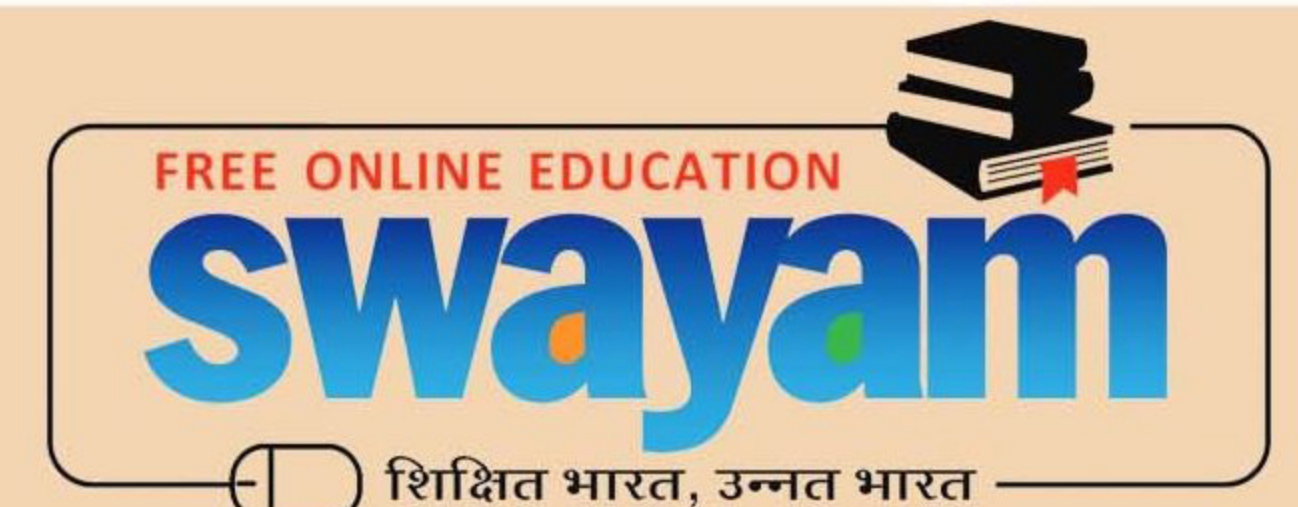
(12 week course)

Prof. Haimanti Banerji

Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS85S13350880

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

SRIVARSHINI S

for successfully completing the course

Machine Learning and Deep Learning - Fundamentals and Applications

with a consolidated score of **51** %

Online Assignments	20.5/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **893**

Jul-Oct 2023

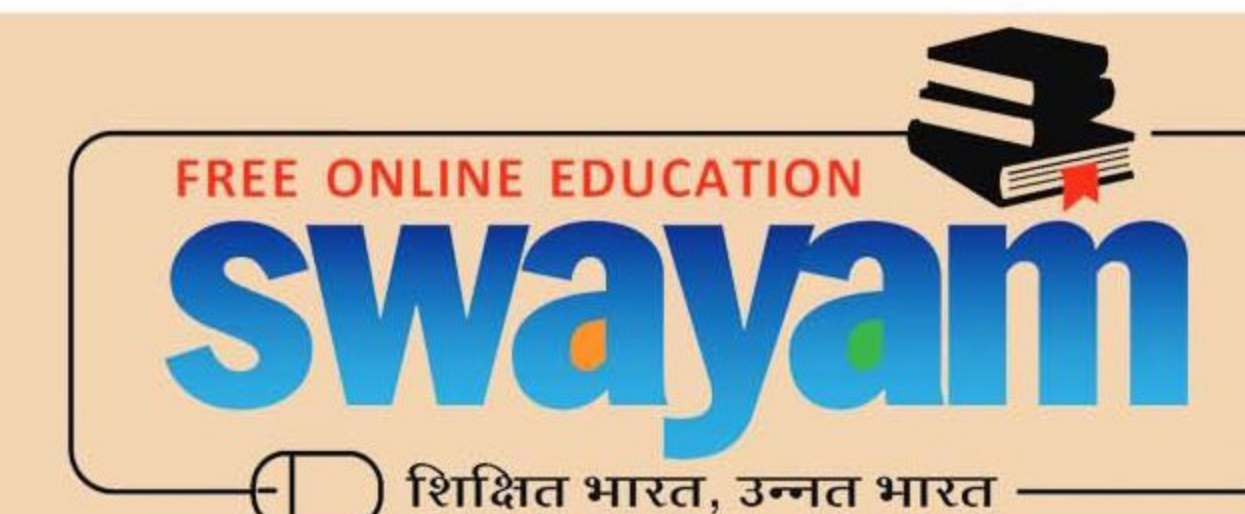
(12 week course)

Prof. T. V. Bharat

Head, Centre for Educational Technology
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL23EE87S733504156

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

S SRIVATSAN

for successfully completing the course

Python for Data Science

with a consolidated score of **69** %

Online Assignments	24.17/25	Proctored Exam	44.48/75
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Total number of candidates certified in this course: **7596**

Prof. Devendra Jaliha

Chairperson,

Centre for Outreach and Digital Education, IITM

Jul-Aug 2023

(4 week course)

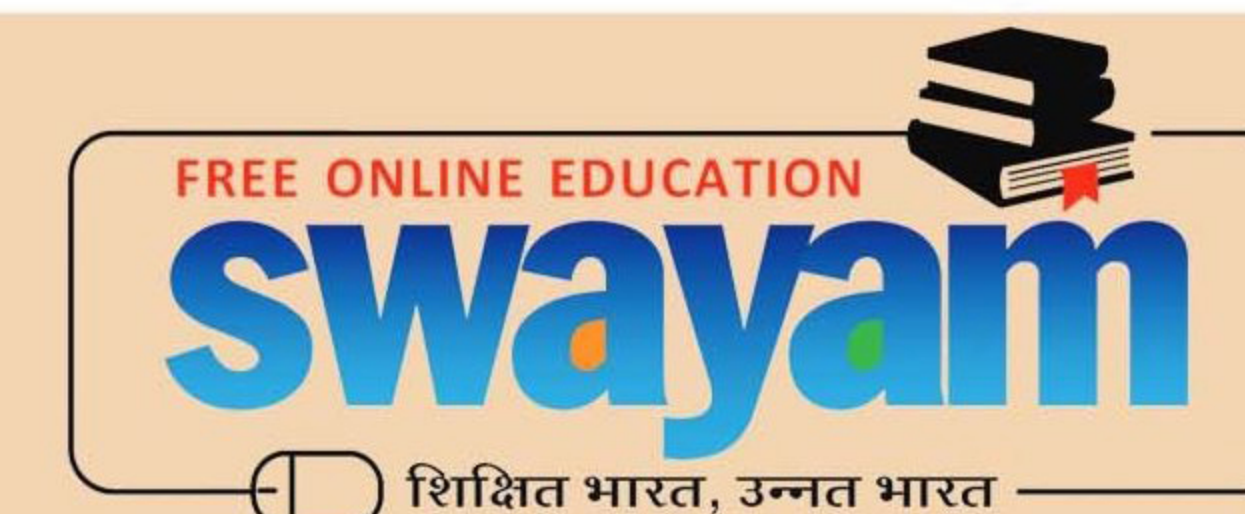
Prof. Andrew Thangaraj

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS99S15321965

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

STEVE JOSHUA S

for successfully completing the course

Machine Learning and Deep Learning - Fundamentals and Applications

with a consolidated score of **49** %

Online Assignments	17.38/25	Proctored Exam	31.82/75
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Total number of candidates certified in this course: **893**

Jul-Oct 2023

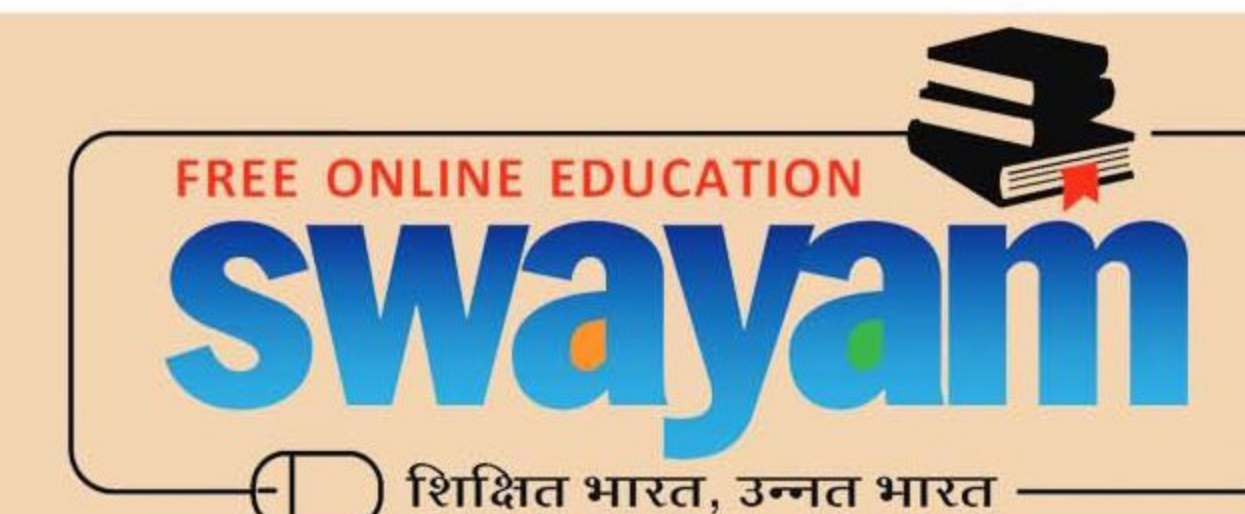
(12 week course)

Prof. T. V. Bharat

Head, Centre for Educational Technology
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL23EE87S833505411

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

SUSHMA S

for successfully completing the course

Python for Data Science

with a consolidated score of **65** %

Online Assignments	25/25	Proctored Exam	40.12/75
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Total number of candidates certified in this course: **7596**

Prof. Devendra Jaliha

Chairperson,

Centre for Outreach and Digital Education, IITM

Jul-Aug 2023

(4 week course)

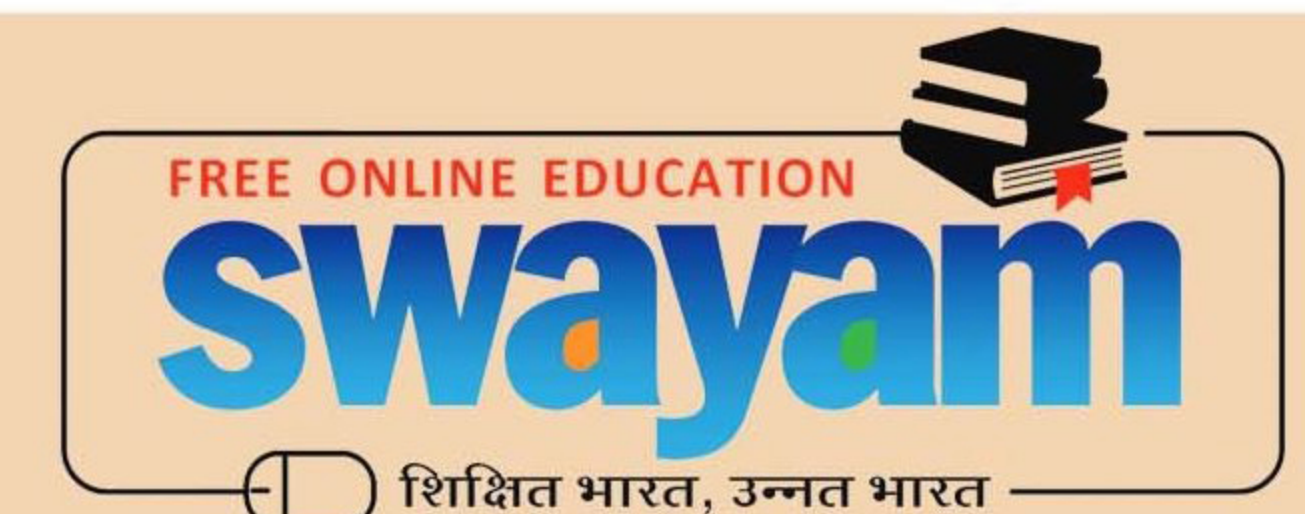
Prof. Andrew Thangaraj

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS99S15334706

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

TEJASVI J

for successfully completing the course

Machine Learning and Deep Learning - Fundamentals and Applications

with a consolidated score of **52** %

Online Assignments	17.69/25	Proctored Exam	34.09/75
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Total number of candidates certified in this course: **893**

Jul-Oct 2023

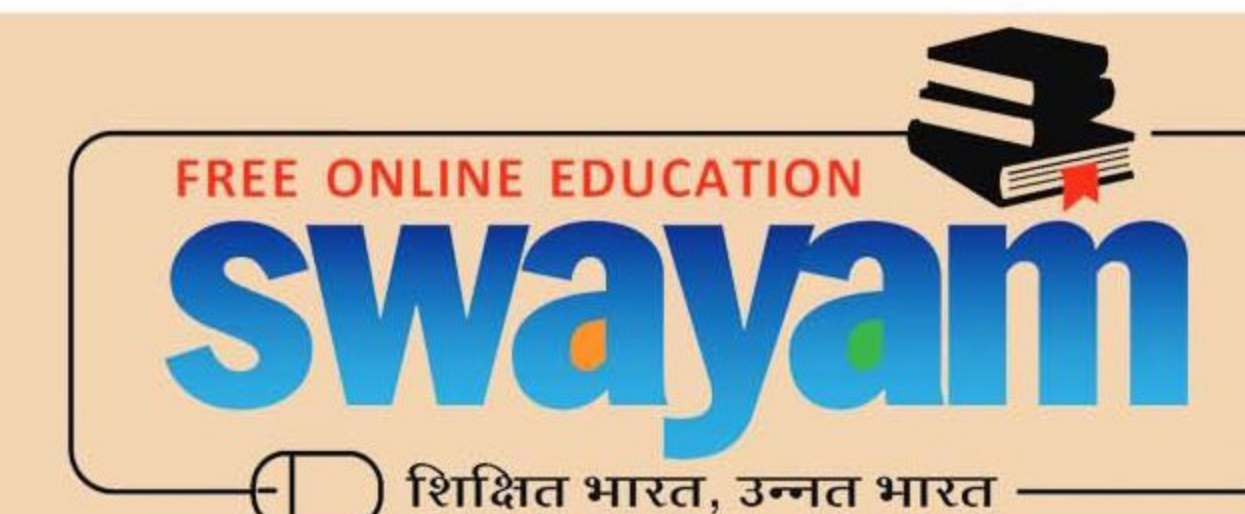
(12 week course)

Prof. T. V. Bharat

Head, Centre for Educational Technology
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL23EE87S833506820

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

TRISHALA PANDI S

for successfully completing the course

Python for Data Science

with a consolidated score of **58** %

Online Assignments	23.92/25	Proctored Exam	34.01/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **7596**

Devendra Jalihal

Prof. Devendra Jalihal

Chairperson,
Centre for Outreach and Digital Education, IITM

Jul-Aug 2023

(4 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj

NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS99S15322053

To verify the certificate



No. of credits recommended: 1 or 2