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Engineering**

CERTIFICATE OF COMPLETION

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LOKESH P

TO CERTIFY COMPLETION Hands on workshop on “ Sensor and its application development using Design thinking approach during 17th – 20th August 2022

Dr. M.Krishna

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PRAJWAL KUMAR V K

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CHETAN PRASAD S

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CHIRANTAN SAGAR K

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DARSHAN KUMAR C

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EZHIL CHELVAN P A

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CERTIFICATE OF COMPLETION

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JAHANAVI R

TO CERTIFY COMPLETION Hands on workshop on “ Sensor and its application development using Design thinking approach during 17th – 20th August 2022

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ANAND KUMAR N

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Elite

This certificate is awarded to

HARSHA VARDHAN K

for successfully completing the course

Health Research Fundamentals

(NIE-ICMR e-Certificate course: NleCer 101)

with a score of **72** %

Online Assignments	23.54/25	Proctored Exam	48.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **622**

Dr. Manoj Murhekar
Scientist 'G' & Director

ICMR-National Institute of Epidemiology, Chennai

Prof. Balram Bhargava
Secretary to Govt. of India, Dept. of Health Research
& Director-General, Indian Council of Medical Research

Prof. Andrew Thangaraj
NPTEL, Coordinator
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Jul-Sep 2022

(8 week course)



Roll No: NPTEL22HS73S23152751

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

VARSHA N

for successfully completing the course

Health Research Fundamentals

(NIE-ICMR e-Certificate course: NleCer 101)

with a score of **62** %

Online Assignments	23.54/25	Proctored Exam	38.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **622**

Dr. Manoj Murhekar
Scientist 'G' & Director

ICMR-National Institute of Epidemiology, Chennai

Prof. Balram Bhargava
Secretary to Govt. of India, Dept. of Health Research
& Director-General, Indian Council of Medical Research

Prof. Andrew Thangaraj
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(8 week course)



Roll No: NPTEL22HS73S13151336

To validate the certificate



No. of credits recommended: 2 or 3



NPTEL Online Certification

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This certificate is awarded to

VIVEK B A

for successfully completing the course

Health Research Fundamentals

(NIE-ICMR e-Certificate course: NieCer 101)

with a score of **83** %

Online Assignments	23.5/25	Proctored Exam	59.25/75
--------------------	---------	----------------	----------

Total number of candidates certified in this course: **622**

Dr. Manoj Murhekar
Scientist 'G' & Director

ICMR-National Institute of Epidemiology, Chennai

Prof. Balram Bhargava
Secretary to Govt. of India, Dept. of Health Research
& Director-General, Indian Council of Medical Research

Prof. Andrew Thangaraj
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(8 week course)



Roll No: NPTEL22HS73S13154311

To validate the certificate



No. of credits recommended: 2 or 3



NPTEL Online Certification

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This certificate is awarded to

NAGENDRA T P

for successfully completing the course

Health Research Fundamentals

(NIE-ICMR e-Certificate course: NieCer 101)

with a score of **62** %

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

Total number of candidates certified in this course: **622**

Dr. Manoj Murhekar
Scientist 'G' & Director

ICMR-National Institute of Epidemiology, Chennai

Prof. Balram Bhargava

Secretary to Govt. of India, Dept. of Health Research
& Director-General, Indian Council of Medical Research

Prof. Andrew Thangaraj

NPTEL, Coordinator
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(8 week course)



Roll No: NPTEL22HS73S13150974

To validate the certificate



No. of credits recommended: 2 or 3



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Elite



This certificate is awarded to

NAMITA RAMESH BILAGI

for successfully completing the course

Health Research Fundamentals

(NIE-ICMR e-Certificate course: NleCer 101)

with a score of **83** %

Online Assignments	24.33/25	Proctored Exam	58.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **622**

Dr. Manoj Murhekar
Scientist 'G' & Director

ICMR-National Institute of Epidemiology, Chennai

Prof. Balram Bhargava

Secretary to Govt. of India, Dept. of Health Research
& Director-General, Indian Council of Medical Research

Prof. Andrew Thangaraj
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Roll No: NPTEL22HS73S23152053

To validate the certificate



No. of credits recommended: 2 or 3



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This certificate is awarded to

RAHUL J

for successfully completing the course

Health Research Fundamentals

(NIE-ICMR e-Certificate course: NleCer 101)

with a score of **72** %

Online Assignments	23.08/25	Proctored Exam	48.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **622**

Dr. Manoj Murhekar
Scientist 'G' & Director

ICMR-National Institute of Epidemiology, Chennai

Prof. Balam Bhargava
Secretary to Govt. of India, Dept. of Health Research
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(8 week course)



Roll No: NPTEL22HS73S23153483

To validate the certificate



No. of credits recommended: 2 or 3



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This certificate is awarded to

SHAIKH MOHAMMED FAIZ

for successfully completing the course

Health Research Fundamentals

(NIE-ICMR e-Certificate course: NleCer 101)

with a score of **75** %

Online Assignments	23.38/25	Proctored Exam	51.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **622**

Dr. Manoj Murhekar
Scientist 'G' & Director

ICMR-National Institute of Epidemiology, Chennai

Prof. Balram Bhargava

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Roll No: NPTEL22HS73S23153994

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No. of credits recommended: 2 or 3



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This certificate is awarded to

SHAMITHA SHRIDHAR HONNAVAR

for successfully completing the course

Health Research Fundamentals

(NIE-ICMR e-Certificate course: NleCer 101)

with a score of **81** %

Online Assignments	24.33/25	Proctored Exam	56.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **622**

Dr. Manoj Murhekar
Scientist 'G' & Director

ICMR-National Institute of Epidemiology, Chennai

Prof. Balram Bhargava

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Roll No: NPTEL22HS73S23155388

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No. of credits recommended: 2 or 3



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SHASHWAT AGARWAL

for successfully completing the course

Health Research Fundamentals

(NIE-ICMR e-Certificate course: NieCer 101)

with a score of **64** %

Online Assignments	19.38/25	Proctored Exam	44.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **622**

Dr. Manoj Murhekar
Scientist 'G' & Director

ICMR-National Institute of Epidemiology, Chennai

Prof. Balram Bhargava
Secretary to Govt. of India, Dept. of Health Research
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Prof. Andrew Thangaraj
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IIT Madras



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(8 week course)



Roll No: NPTEL22HS73S23154022

To validate the certificate



No. of credits recommended: 2 or 3



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This certificate is awarded to

SHIVANI DESHPANDE

for successfully completing the course

Health Research Fundamentals

(NIE-ICMR e-Certificate course: NleCer 101)

with a score of **69** %

Online Assignments	22.75/25	Proctored Exam	46.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **622**

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Scientist 'G' & Director

ICMR-National Institute of Epidemiology, Chennai

Prof. Balram Bhargava

Secretary to Govt. of India, Dept. of Health Research
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Prof. Andrew Thangaraj
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(8 week course)



Roll No: NPTEL22HS73S23154336

To validate the certificate



No. of credits recommended: 2 or 3



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This certificate is awarded to

VIJAY RAJ P

for successfully completing the course

Health Research Fundamentals

(NIE-ICMR e-Certificate course: NieCer 101)

with a score of **70** %

Online Assignments	22.58/25	Proctored Exam	47.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **622**

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Scientist 'G' & Director

ICMR-National Institute of Epidemiology, Chennai

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& Director-General, Indian Council of Medical Research

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(8 week course)



Roll No: NPTEL22HS73S13151023

To validate the certificate



No. of credits recommended: 2 or 3



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This certificate is awarded to

HEMANTH KUMAR R L

for successfully completing the course

Health Research Fundamentals

(NIE-ICMR e-Certificate course: NleCer 101)

with a score of **61** %

Online Assignments	23.38/25	Proctored Exam	37.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **622**

Dr. Manoj Murhekar
Scientist 'G' & Director

ICMR-National Institute of Epidemiology, Chennai

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Secretary to Govt. of India, Dept. of Health Research
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(8 week course)



Roll No: NPTEL22HS73S23154415

To validate the certificate



No. of credits recommended: 2 or 3



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This certificate is awarded to

LAVANYA NAIK

for successfully completing the course

Health Research Fundamentals

(NIE-ICMR e-Certificate course: NleCer 101)

with a score of **73** %

Online Assignments	23.21/25	Proctored Exam	50.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 622

Dr. Manoj Murhekar
Scientist 'G' & Director

ICMR-National Institute of Epidemiology, Chennai

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Secretary to Govt. of India, Dept. of Health Research
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Prof. Andrew Thangaraj
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(8 week course)



Roll No: NPTEL22HS73S23151830

To validate the certificate



No. of credits recommended: 2 or 3



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This certificate is awarded to

KRUTHI PRAKASH RAGHAVENDRA

for successfully completing the course

Health Research Fundamentals

(NIE-ICMR e-Certificate course: NleCer 101)

with a score of **81** %

Online Assignments	23.5/25	Proctored Exam	57/75
--------------------	---------	----------------	-------

Total number of candidates certified in this course: **622**

Dr. Manoj Murhekar
Scientist 'G' & Director

ICMR-National Institute of Epidemiology, Chennai

Prof. Balram Bhargava

Secretary to Govt. of India, Dept. of Health Research
& Director-General, Indian Council of Medical Research

Prof. Andrew Thangaraj
NPTEL, Coordinator
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(8 week course)



Roll No: NPTEL22HS73S23154442

To validate the certificate



No. of credits recommended: 2 or 3



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Elite

This certificate is awarded to

POOJITHA K

for successfully completing the course

Health Research Fundamentals

(NIE-ICMR e-Certificate course: NleCer 101)

with a score of **73** %

Online Assignments	23.88/25	Proctored Exam	49.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **622**

Dr. Manoj Murhekar
Scientist 'G' & Director

ICMR-National Institute of Epidemiology, Chennai

Prof. Balram Bhargava

Secretary to Govt. of India, Dept. of Health Research
& Director-General, Indian Council of Medical Research

Prof. Andrew Thangaraj
NPTEL, Coordinator
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(8 week course)



Roll No: NPTEL22HS73S13151047

To validate the certificate



No. of credits recommended: 2 or 3



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This certificate is awarded to

SANGEETHA S

for successfully completing the course

Health Research Fundamentals

(NIE-ICMR e-Certificate course: NleCer 101)

with a score of **60** %

Online Assignments	22.17/25	Proctored Exam	38.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **622**

Dr. Manoj Murhekar
Scientist 'G' & Director

ICMR-National Institute of Epidemiology, Chennai

Prof. Balram Bhargava

Secretary to Govt. of India, Dept. of Health Research
& Director-General, Indian Council of Medical Research

Prof. Andrew Thangaraj
NPTEL, Coordinator
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Jul-Sep 2022

(8 week course)



Roll No: NPTEL22HS73S13150556

To validate the certificate



No. of credits recommended: 2 or 3



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



Elite

This certificate is awarded to

SANTOSH N

for successfully completing the course

Health Research Fundamentals

(NIE-ICMR e-Certificate course: NieCer 101)

with a score of **73** %

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

Total number of candidates certified in this course: **622**

Dr. Manoj Murhekar
Scientist 'G' & Director

ICMR-National Institute of Epidemiology, Chennai

Prof. Balram Bhargava
Secretary to Govt. of India, Dept. of Health Research
& Director-General, Indian Council of Medical Research

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



icmr
INDIAN COUNCIL OF
MEDICAL RESEARCH

NIE

NATIONAL INSTITUTE OF
EPIDEMIOLOGY

Jul-Sep 2022

(8 week course)



Roll No: NPTEL22HS73S23153965

To validate the certificate



No. of credits recommended: 2 or 3



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



Elite



This certificate is awarded to

R SUNIL

for successfully completing the course

Health Research Fundamentals

(NIE-ICMR e-Certificate course: NleCer 101)

with a score of **79** %

Online Assignments	23.38/25	Proctored Exam	55.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **622**

Dr. Manoj Murhekar
Scientist 'G' & Director

ICMR-National Institute of Epidemiology, Chennai

Prof. Balam Bhargava
Secretary to Govt. of India, Dept. of Health Research
& Director-General, Indian Council of Medical Research

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



icmr
INDIAN COUNCIL OF
MEDICAL RESEARCH

NIE

NATIONAL INSTITUTE OF
EPIDEMIOLOGY

Jul-Sep 2022

(8 week course)



Roll No: NPTEL22HS73S23154050

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

SUYOG P

for successfully completing the course

Health Research Fundamentals

(NIE-ICMR e-Certificate course: NleCer 101)

with a score of **88** %

Online Assignments	23.96/25	Proctored Exam	64.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **622**

Dr. Manoj Murhekar

Scientist 'G' & Director

ICMR-National Institute of Epidemiology, Chennai

Prof. Balram Bhargava

Secretary to Govt. of India, Dept. of Health Research
& Director-General, Indian Council of Medical Research

Prof. Andrew Thangaraj

NPTEL, Coordinator
IIT Madras



icmr
INDIAN COUNCIL OF
MEDICAL RESEARCH

NIE

NATIONAL INSTITUTE OF
EPIDEMIOLOGY

Jul-Sep 2022

(8 week course)



Roll No: NPTEL22HS73S23155435

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

VARSHA T

for successfully completing the course

Health Research Fundamentals

(NIE-ICMR e-Certificate course: NleCer 101)

with a score of **66** %

Online Assignments	23.38/25	Proctored Exam	42.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **622**

Dr. Manoj Murhekar
Scientist 'G' & Director

ICMR-National Institute of Epidemiology, Chennai

Prof. Balam Bhargava
Secretary to Govt. of India, Dept. of Health Research
& Director-General, Indian Council of Medical Research

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



icmr
INDIAN COUNCIL OF
MEDICAL RESEARCH

NIE
NATIONAL INSTITUTE OF
EPIDEMIOLOGY

Jul-Sep 2022

(8 week course)



Roll No: NPTEL22HS73S13151360

To validate the certificate



No. of credits recommended: 2 or 3



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



Elite



This certificate is awarded to

GAUTAM R

for successfully completing the course

Health Research Fundamentals

(NIE-ICMR e-Certificate course: NieCer 101)

with a score of **80** %

Online Assignments	24.04/25	Proctored Exam	55.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **622**

Dr. Manoj Murhekar
Scientist 'G' & Director

ICMR-National Institute of Epidemiology, Chennai

Prof. Balam Bhargava
Secretary to Govt. of India, Dept. of Health Research
& Director-General, Indian Council of Medical Research

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



icmr
INDIAN COUNCIL OF
MEDICAL RESEARCH

NIE
NATIONAL INSTITUTE OF
EPIDEMIOLOGY

Jul-Sep 2022

(8 week course)



Roll No: NPTEL22HS73S23154362

To validate the certificate



No. of credits recommended: 2 or 3



**COURSE
CERTIFICATE**

Feb 9, 2022

Dhanush B Sriram

has successfully completed

Convolutional Neural Networks

an online non-credit course authorized by DeepLearning.AI and offered through Coursera



A handwritten signature in black ink, appearing to read "Andrew Ng".

Andrew Ng, Founder, DeepLearning.AI & Co-founder, Coursera
Elon Elkanowich, Co-founder, Mirkes
Thomas Benjamin Mount, Instructor of AI, Stanford University

Verify at:
<https://coursera.org/verify/00EDPWZLYK6>

Coursera has confirmed the identity of this individual and their participation in the course.



Mar 1, 2022

Meghana Chintamanapalli
Shivappa

has successfully completed

Introduction to Microsoft Azure Cloud Services

an online non-credit course authorized by Microsoft and offered through Coursera

A handwritten signature in black ink, appearing to read "Betty", is positioned above a horizontal dotted line.

Betty Vandebosch
Chief Content Officer

COURSE
CERTIFICATE



Verify at:
coursera.org/verify/7DF9UE3RRGAN

Coursera has confirmed the identity of this individual and their participation in the course.

Google

Feb 24, 2011

Pallavi P

has successfully completed

Crash Course on Python

an online non-credit course authorized by Google and offered through Coursera

Google

Google

**COURSE
CERTIFICATE**



Verify at:
<https://coursera.org/verify/10425C/TIMESD>
Coursera has confirmed the identity of this individual and their participation in this course.

Google

Dec 28, 2021

Nishanth Aluhonnu

has successfully completed

Crash Course on Python

an online non-credit course authorized by Google and offered through Coursera

Google

**COURSE
CERTIFICATE**



Verify at:

<https://coursera.org/certify/CESD8FUEE3AM>

Coursera has confirmed the identity of this individual and their participation in the course.



Jan 1, 2022

GIRISH ARUN KOUSHIK

has successfully completed

Fine Tune BERT for Text Classification with TensorFlow

an online non-credit project authorized by Coursera Project Network and offered through Coursera

Erhan Kline
Instructor
Machine Learning and Data Science

**PROJECT
CERTIFICATE**



Verify at:

<https://coursera.org/verify/DAYVZ2IN9AGN>

Coursera has confirmed the identity of this individual and their participation in the project

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

Roll No: NPTEL22CS54S33203154

To
RUTU KIRAN
NO. 6, TRINETRA, 1ST CROSS
GANAPATHI NAGAR, PEENYA POST
BANGALORE
KARNATAKA - 560058
PH. NO :9482119774



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

RUTU KIRAN

for successfully completing the course



Introduction to Soft Computing

with a consolidated score of **77** %

Online Assignments	22.46/25	Proctored Exam	54.69/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 639

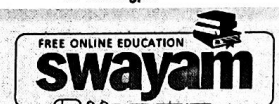
Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Mar 2022
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



FREE ONLINE EDUCATION

swayam

शिक्षणं मरणं, ज्ञानं मरणं

Stanford | ONLINE

Mar 23, 2022

AKANKSH RAMESH MUNIYAPPA

has successfully completed

Machine Learning

an online non-credit course authorized by Stanford University and offered through
Coursera

COURSE
CERTIFICATE



A handwritten signature in black ink, appearing to read "Andrew Ng".

Associate Professor Andrew Ng
Computer Science Department
Stanford University

SOME ONLINE COURSES MAY DRAW ON MATERIAL FROM COURSES TAUGHT ON-CAMPUS BUT THEY ARE NOT EQUIVALENT TO ON-CAMPUS COURSES. THIS STATEMENT DOES NOT AFFIRM THAT THIS PARTICIPANT WAS ENROLLED AS A STUDENT AT STANFORD UNIVERSITY IN ANY WAY. IT DOES NOT CONFER A STANFORD UNIVERSITY GRADE, COURSE CREDIT OR DEGREE, AND IT DOES NOT VERIFY THE IDENTITY OF THE PARTICIPANT.

Verify at:
<https://coursera.org/verify/AJYZDK9WX3LG>

Coursera has confirmed the identity of this individual and their participation in the course.



**COURSE
CERTIFICATE**

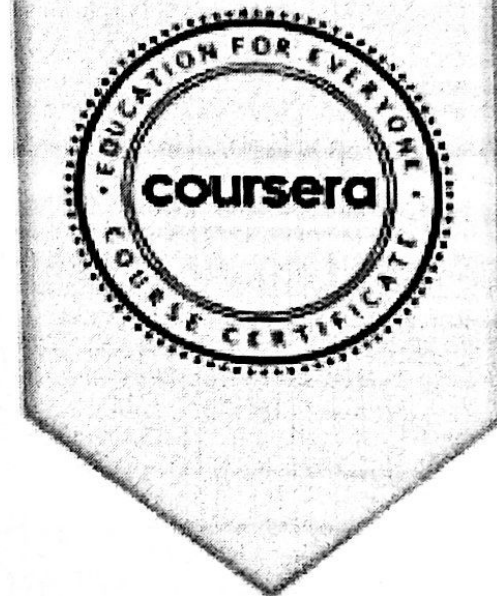
Jan 8, 2022

ATHMURI SAI SANJAY

has successfully completed

Neural Networks and Deep Learning

an online non-credit course authorized by DeepLearning.AI and offered through Coursera



A handwritten signature in black ink, appearing to read "Andrew Ng".

Andrew Ng, Founder, DeepLearning.AI & Co-founder, Coursera
Evan Drossos, Co-founder, Workera
Thomas H. Davenport, Professor of AI, Stanford University

Verify at:
<https://coursera.org/certificates>

Coursera has confirmed the identity of this individual and their participation in the course.

M UNIVERSITY OF MICHIGAN

May 21, 2022

chetan Angadi

has successfully completed

Programming for Everybody (Getting Started with
Python)

an online non-credit course authorized by University of Michigan and offered through
Coursera



Charles Severance
Clinical Professor, School of Information
University of Michigan

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/DSWRXYRTK4M>

Coursera has confirmed the identity of this individual and their
participation in the course.

M UNIVERSITY OF **MICHIGAN**

Nov 1, 2021

Madhusudan S C

has successfully completed

Python Data Structures

an online non-credit course authorized by University of Michigan and offered through
Coursera



Charles Swenson
Clinical Professor, School of Information
The University of Michigan

**COURSE
CERTIFICATE**



Verify at:

<https://coursera.org/verify/COURSERAIN29VEX>

Coursera has confirmed the identity of this individual and their participation in the course.



Feb 1, 2022

MALLIKARJUN A HADLI

has successfully completed

Regular Expressions in Python

an online non-credit project authorized by Coursera Project Network and offered through Coursera

Kiran Kumar Segal
Data Science

**PROJECT
CERTIFICATE**



Verify at:
<https://coursera.org/certificate/VE026ZYR1PI>

Coursera has confirmed the identity of this individual and their participation in the project.

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

Roll No: NPTEL22HS07S43203491

To
RUTU KIRAN
NO. 6, TRINETRA, 1ST CROSS
GANAPATHI NAGAR, PEENYA POST
BANGALORE
KARNATAKA - 560058
PH. NO :9482119774



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

RUTU KIRAN

for successfully completing the course

Soft Skill Development

with a consolidated score of **73** %

Online Assignments	21.67/25	Proctored Exam	51/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 8130

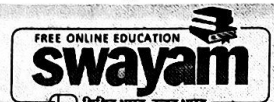
Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Mar 2022
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



UC DAVIS

Feb 15, 2022

ARITRA RAYCHAUDHURI

has successfully completed

SQL for Data Science

an online non-credit course authorized by University of California, Davis and offered through Coursera



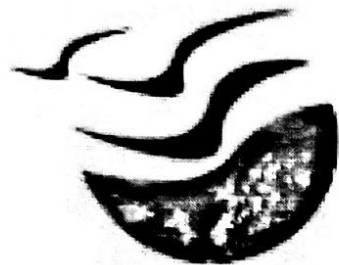
Sadie St. Lawrence
AI Strategy Consultant for Accenture Applied Intelligence
Founder of Women in Data (WID)
Instructor, University of California, Davis Extension

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/GYJZ6A2ZMF2R>

Coursera has confirmed the identity of this individual and their participation in the course.



ISB

Feb 9, 2012

Raghavendra P R

has successfully completed

Trading Basics

an online non-credit course authorized by Indian School of Business and offered through Coursera

Ramakrishnan Thirumalai
Assistant Professor
Indian School of Business

COURSE CERTIFICATE



Verify at:

<https://coursera.org/verify/278148HQ8K>

Coursera has confirmed the identity of this individual and their participation in the course.

ILLINOIS

**COURSE
CERTIFICATE**

Jan 26, 2022

Noel D'Costa

has successfully completed

VLSI CAD Part I: Logic

an online non-credit course authorized by University of Illinois at Urbana-Champaign and
offered through Coursera



Rob A. Rutenbar
Adjunct Professor
Department of Computer Science
University of Illinois at Urbana-Champaign

Verify at:
<https://coursera.org/verify/VTZP4XMBDC1>

Coursera has confirmed the identity of this individual and their
participation in the course

I ILLINOIS

Feb 12, 2022

chetan Angadi

has successfully completed

VLSI CAD Part II: Layout

an online non-credit course authorized by University of Illinois at Urbana-Champaign and offered through Coursera



Rob A. Rutenbar
Adjunct Professor
Department of Computer Science
University of Illinois at Urbana-Champaign

**COURSE
CERTIFICATE**



Verify at:
<https://coursera.org/verify/G5A2B2NHG2WN>

Coursera has confirmed the identity of this individual and their participation in the course.

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

Roll No: NPTEL22CS20S43192842

To
RUTU KIRAN
NO. 6, TRINETRA, 1ST CROSS
GANAPATHI NAGAR, PEENYA POST
BANGALORE
KARNATAKA - 560058
PH. NO :9482119774

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:3

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

RUTU KIRAN

for successfully completing the course

Cloud Computing

with a consolidated score of **64** %

Online Assignments	15.31/25	Proctored Exam	48.72/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 4701

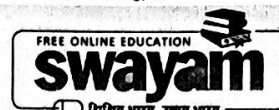
Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Apr 2022
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



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

Roll No: NPTEL22CY24S23193940

To
ASHLY BINOY
NO.547, SUKRITI, 5TH MAIN, 9TH CROSS
AMS LAYOUT, VIDYARANYAPURA
BANGALORE
KARNATAKA - 560097
PH. NO :7022033764



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:3

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

ASHLY BINOY

for successfully completing the course

Medicinal Chemistry

with a consolidated score of **66** %

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

Total number of candidates certified in this course: **324**

Prof. M. S. Santhanam
Dean, International Relations and Outreach
IISER Pune

Jan-Apr 2022
(12 week course)

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



IISER - Indian Institute of Science Education
and Research Pune





Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
ASHLY BINOY
for successfully completing the course

Animal Physiology

with a consolidated score of **81** %

Online Assignments	24.38/25	Proctored Exam	57/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **711**

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

Jul-Oct 2022

(12 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



स्वायत्त भारत, उन्नत भारत

Roll No: NPTEL22BT63S54750380

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
ASHLY BINOY
for successfully completing the course

Basics of Biology

with a consolidated score of **70** %

Online Assignments	24.56/25	Proctored Exam	45/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **906**

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: NPTEL23BT25S53233478

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
ASHLY BINOY
for successfully completing the course



Forests and their Management

with a consolidated score of **100** %

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

Total number of candidates certified in this course: **4916**

Pathish

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

Jan-Apr 2023

(12 week course)

Satyaki Roy

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL23BT29S63233059

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
ASHLY BINOY
for successfully completing the course



Forests and their Management

with a consolidated score of **100** %

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

Total number of candidates certified in this course: **4916**

Pathish

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

Jan-Apr 2023

(12 week course)

Satyaki Roy

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL23BT29S63233059

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
ASHLY BINOY
for successfully completing the course



Forests and their Management

with a consolidated score of **100** %

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

Total number of candidates certified in this course: **4916**

Pathish

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

Jan-Apr 2023

(12 week course)

Satyaki Roy

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL23BT29S63233059

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.

Roll No: NPTEL22AG03S13191621

To
ASHLY BINOY
NO.547, SUKRITI, 5TH MAIN, 9TH CROSS
AMS LAYOUT, VIDYARANYAPURA
BANGALORE
KARNATAKA - 560097
PH. NO :7022033764



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:3

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

ASHLY BINOY

for successfully completing the course

Novel Technologies for Food Processing and Shelf-Life Extension

with a consolidated score of **62** %

Online Assignments	23.41/25	Proctored Exam	38.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **285**

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Apr 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
JOANNA NICOLE D SOUZA
for successfully completing the course



Basics of Biology

with a consolidated score of **75** %

Online Assignments	24.78/25	Proctored Exam	50.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **906**

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: NPTEL23BT25S63233314

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
JOANNA NICOLE D SOUZA
for successfully completing the course



Genome Editing and Engineering

with a consolidated score of **81** %

Online Assignments	25/25	Proctored Exam	55.5/75
--------------------	-------	----------------	---------

Total number of candidates certified in this course: **217**

Jul-Oct 2022
(12 week course)

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



Indian Institute of Technology Guwahati



Roll No: NPTEL22BT35S33960057

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
JOANNA NICOLE D SOUZA
for successfully completing the course



Animal Physiology

with a consolidated score of **81** %

Online Assignments	22.13/25	Proctored Exam	58.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **711**

Pathish

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

Jul-Oct 2022

(12 week course)

Satyaki Roy

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL22BT63S53960127

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.

Roll No: NPTEL22CY24S13190031

To
JOANNA NICOLE D SOUZA
JOEL HOUSE SV ROAD 4TH CROSS KADRI HILLS
WOOD HOUSE TELLAR ROAD KARKAL UDUPI
MANGALORE
KARNATAKA - 575002
PH. NO :919535382932



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:3

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

JOANNA NICOLE D SOUZA

for successfully completing the course



Medicinal Chemistry

with a consolidated score of **75** %

Online Assignments	23.63/25	Proctored Exam	51.51/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **324**

Prof. M. S. Santhanam
Dean, International Relations and Outreach
IISER Pune

Jan-Apr 2022
(12 week course)

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



IISER - Indian Institute of Science Education
and Research Pune





Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

VIBHA R

for successfully completing the course



Animal Physiology

with a consolidated score of **79** %

Online Assignments	24.69/25	Proctored Exam	54/75
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Total number of candidates certified in this course: **711**

Prof. B. V. Ratish Kumar

Chairman, Centre for Continuing Education
IIT Kanpur

Jul-Oct 2022

(12 week course)

Prof. Satyaki Roy

NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL22BT63S64754926

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

VIBHA R

for successfully completing the course



Environmental Biotechnology

with a consolidated score of **77** %

Online Assignments	22.81/25	Proctored Exam	54/75
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Total number of candidates certified in this course: **578**

Jul-Oct 2022

(12 week course)

Prof. Debjani Chakraborty

Coordinator, NPTEL

IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22BT57S54754697

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

VIBHA R

for successfully completing the course



Genome Editing and Engineering

with a consolidated score of **75** %

Online Assignments	24.63/25	Proctored Exam	50.5/75
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Total number of candidates certified in this course: **217**

Jul-Oct 2022

(12 week course)

Prof. T. V. Bharat

Head, Centre for Educational Technology
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL22BT35S34753628

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.

Roll No: NPTEL22CY24S13191592

To
VIBHA R
1506, SOUTH END B ROAD
9TH BLOCK, JAYANAGAR
BENGALURU
KARNATAKA - 560069
PH. NO :9481646604



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:3

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

VIBHA R

for successfully completing the course



Medicinal Chemistry

with a consolidated score of **80** %

Online Assignments	24.75/25	Proctored Exam	55.1/75
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Total number of candidates certified in this course: **324**

Santhanam

Prof. M. S. Santhanam
Dean, International Relations and Outreach
IISER Pune

Jan-Apr 2022
(12 week course)

Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



IISER - Indian Institute of Science Education
and Research Pune

