



# SWAYAM ONLINE COURSE CERTIFICATION

*This certificate is awarded to  
**Jyothi Madanaboina**  
for successfully completing the 4 credit course  
**Programming in Python**  
with a consolidated score of 80%  
from the evaluation based on continuous online assessments and the proctored  
examination held in month of December 2023.*



Roll No. : TL01020147

*This course was offered by Dr. Rizwan Rehman of Dibrugarh University*

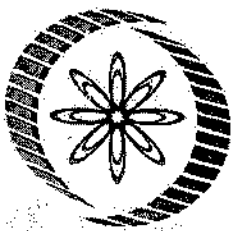
Marks in Online Assignments		Marks in Proctored Exam		Total Score	
Total	Obtained	Total	Obtained	Total	Obtained
30	28	70	52	100	80

J. B. Nadda  
National Coordinator  
Consortium for Educational Communication  
New Delhi

DR. A. SURESH RAO  
HEAD OF THE DEPARTMENT  
Dept. of Computer Science & Engineering  
T.M.R. College of Engineering & Technology  
Jeeppet, Hyderabad-500 097.



Dr. Prasanta Kr. Kakoty  
Controller of Examinations  
Dibrugarh University, Assam



# NPTEL-AICTE Faculty Development Programme

(Funded by the MoE, Govt. of India)



*This certificate is awarded to*

**PRAGATHI VULPALA**

*for successfully completing the course*

**Computer Networks and Internet Protocol**

*with a consolidated score of 67 %*

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

**Dr. M. Suresh Rao**  
HEAD OF THE DEPARTMENT  
Dept. of Computer Science & Engineering  
T. J. S. College of Engineering & Technology

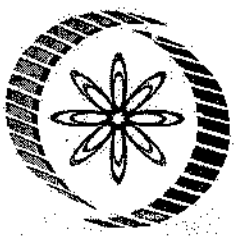


**(Jan-Apr 2024)**

Roll No: NPTEL24CS19S357400194

Duration of NPTEL course 12 Weeks

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.  
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 16<sup>th</sup> Nov, 2023, similar to other refresher / orientation courses.  
F.No. AICTE / RIFD / FDP through MOOCs / 2023



# NPTEL-AICTE Faculty Development Programme

(Funded by the MoE, Govt. of India)



*This certificate is awarded to*

**ANANTHA LAKSHMI GALI**

*for successfully completing the course*

**Data Base Management System**

*with a consolidated score of 58 %*

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

**DR. A. SURESH RAO**  
HEAD OF THE DEPARTMENT  
Dept. of Computer Science & Engineering  
T.K.R. College of Engineering & Technology  
Meerpet, Hyderabad-500 097.

NPTEL  
National Programme on  
Technology Enhanced Education  
All India Council for Technical Education  
New Delhi

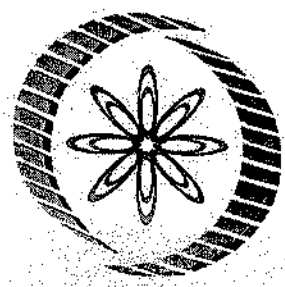


**(Jul-Sep 2023)**

Roll No: NPTEL23CS79S45700340

Duration of NPTEL course : 8 Weeks

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams. This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses.  
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18



**Elite**

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**M THANMAYEE**

for successfully completing the course

**Computer Networks and Internet Protocol**

with a consolidated score of **64** %

Online Assignments	23.13/25	Proctored Exam	40.56/75
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Total number of candidates certified in this course: **9310**

*(Signature)*  
**SURESH RAO**  
 HEAD OF THE DEPARTMENT  
 Dept. of Computer Science & Engineering  
 C.A.R. College of Engineering & Technology  
 Hyderabad-500 027

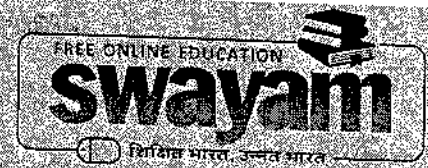
**Jan-Apr 2024**  
**(12 week course)**

*(Signature)*  
 Haimanti Banerji

*(Signature)*  
**Prof. Haimanti Banerji**  
 Coordinator, NPTEL  
 IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL24CS19S357404693

To verify the certificate



o. of credits recommended: 3 or 4



# NPTEL-AICTE Faculty Development Programme

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**K S R RADHIKA**

for successfully completing the course

**Foundation of Cloud IoT Edge ML**

with a consolidated score of **65 %**

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

Dr. A. SURESH RAO  
HEAD OF THE DEPARTMENT  
Dept. of Computer Science & Engineering  
T.R.R. College of Engineering & Technology



(Feb-Apr 2024)

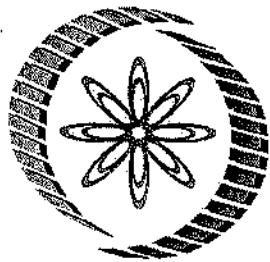
Roll No: NPTEL24CS26S557407760

Duration of NPTEL course 8 Weeks

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.

This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 16<sup>th</sup> Nov, 2023, similar to other refresher / orientation courses.

F.No. AICTE / RIFD / FDP through MOOCs / 2023



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**Y LATHA**


for successfully completing the course

**Data Base Management System**


with a consolidated score of **66** %

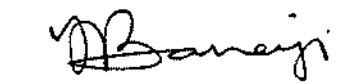
Online Assignments	22.08/25	Proctored Exam	43.5/75
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Total number of candidates certified in this course: **6795**

  
**DR. A. BURESH RAO**  
HEAD OF THE DEPARTMENT  
Dept. of Computer Science & Engineering  
T.K.R. College of Engineering & Technology  
Heerpat, Hyderabad-500 097

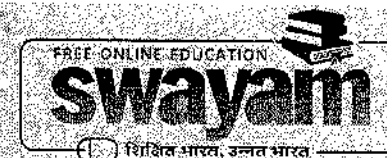
**Jul-Sep 2023**  
**(8 week course)**

  
Prof. Haimanti Banerji  
Coordinator, NPTEL  
IIT Kharagpur

  
**Prof. Haimanti Banerji**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur

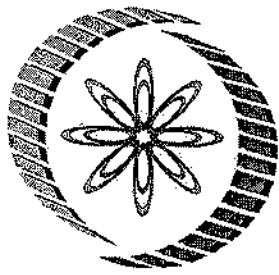


Roll No: NPTEL23CS79S45700904

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

**PRAGATHI VULPALA**

for successfully completing the course

**Cyber Security and Privacy**

with a consolidated score of **49** %

Online Assignments	19.25/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **6011**

*Devendra Jalihal*

**Prof. Devendra Jalihal**

Chairperson,

Centre for Outreach and Digital Education, IITM

*Dr. A. Suresh Rao*

**Dr. A. SURESH RAO Jul-Oct 2023**

HEAD OF THE DEPARTMENT

Dept. of Computer Science & Engineering (12 week course)

T.K.R. College of Engineering & Technology

Meerpet, Hyderabad-500 097.

*[Signature]*

*[Signature]*

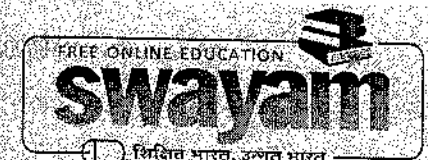
**Prof. Andrew Thangaraj**

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras

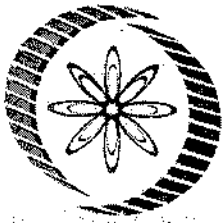


Roll No: NPTEL23CS127S537408233

To verify the certificate



No. of credits recommended: 3 or 4



**Elite**

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत

This certificate is awarded to

**SRIKANTH B**

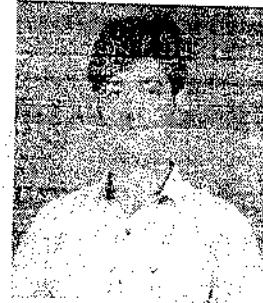
for successfully completing the course

**Cloud Computing**

with a consolidated score of **72** %

Online Assignments	25/25	Proctored Exam	46.67/75
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Total number of candidates certified in this course: **30816**



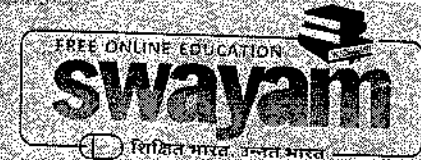
*[Signature]*  
**DR. A. SURESH RAO**  
 HEAD OF THE DEPARTMENT  
 Dept. of Computer Science & Engineering  
 T.R.R. College of Engineering & Technology  
 Meerpet, Hyderabad-500 097

**Jul-Oct 2024**  
**(12 week course)**

*[Signature]*  
**Prof. Haimanti Banerji**  
 Coordinator, NPTEL  
 IIT Kharagpur



Indian Institute of Technology Kharagpur



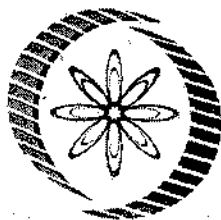
Roll No: NPTEL24CS118S1050203557

To verify the certificate



0 of credits recommended





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to

**SRIKANTH B**


for successfully completing the course

**Programming in Java**


with a consolidated score of **68** %


Online Assignments	25/25	Proctored Exam	43/75
--------------------	-------	----------------	-------

Total number of candidates certified in this course: **15570**

  
**Dr. A. SURESH RAO**  
 HEAD OF THE DEPARTMENT  
 Dept. of Computer Science & Engineering  
 T.N.R. College of Engineering & Technology  
 Meerpet, Hyderabad-500097

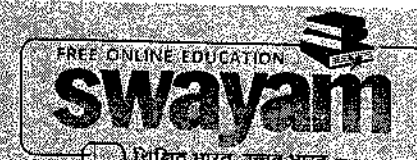
**Jul-Oct 2024**  
**(12 week course)**

  
 Prof. Haimanti Banerji  
 Coordinator, NPTEL  
 IIT Kharagpur

  
**Prof. Haimanti Banerji**  
 Coordinator, NPTEL  
 IIT Kharagpur



Indian Institute of Technology Kharagpur

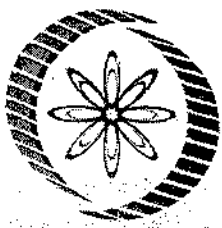


Roll No: NPTEL24CS105S650202297

To verify the certificate



o. of credits recommended: 3 or 4



Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



Skill India

कौशल भारत - कुशल भारत

This certificate is awarded to

**PANNANGI RAJYALAKSHMI**

for successfully completing the course

**Python for Data Science**



with a consolidated score of **67** %

Online Assignments	23.5/25	Proctored Exam	43.5/75
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Total number of candidates certified in this course: 11133

**Prof. Andrew Thangaraj**  
Chair

Centre for Outreach and Digital Education, IIT Madras

**DR. A. SURESH RAO**  
HEAD OF THE DEPARTMENT  
Dept. of Computer Science & Engineering  
T.K.R. College of Engineering & Technology  
Hydrabad-500 097

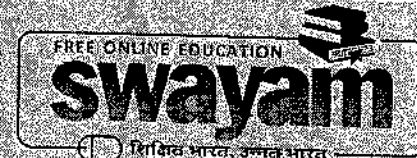
**Jul-Aug 2024**

**(4 week course)**

**Prof. Vignesh Muthuvijayan**  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras

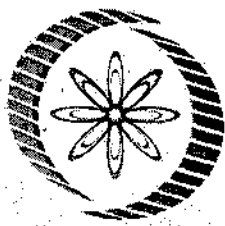


Roll No: NPTEL24CS68S136802172

To verify the certificate



o. of credits recommended: 1 or 2



Elite

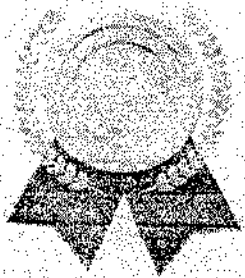
# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



Skill India

कौशल भारत - कुशल भारत



This certificate is awarded to

**ANANTHA LAKSHMI GALI**

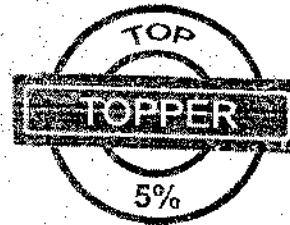
for successfully completing the course



**Introduction to Machine Learning**

with a consolidated score of **88 %**

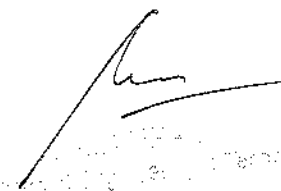
Online Assignments	25/25	Proctored Exam	62.75/75
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Total number of candidates certified in this course: 6812

*(Signature)*  
**DR. A. SURESH RAO**  
 HEAD OF THE DEPARTMENT  
 Dept. of Computer Science & Engineering  
 IIT B. College of Engineering & Technology  
 Kharagpur, West Bengal 751 007, INDIA

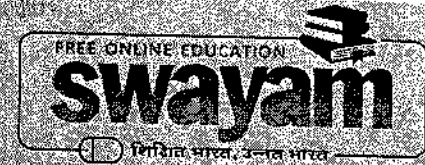
**Jul-Sep 2024**  
**(8 week course)**



*(Signature)*  
**Prof. Haimanti Banerji**  
 Coordinator, NPTEL  
 IIT Kharagpur



Indian Institute of Technology Kharagpur

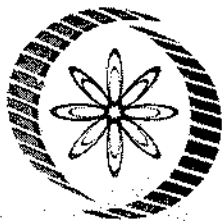


Roll No: NPTEL24CS81S436803057

To verify the certificate



o. of credits recommended: 2 or 3



Elite

# NPTEL ONLINE CERTIFICATION

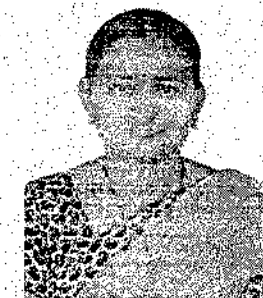
(Funded by the MoE, Govt. of India)



Skill India

कौशल भारत - कुशल भारत

This certificate is awarded to  
**PANNANGI RAJYALAKSHMI**  
for successfully completing the course



**Distributed Systems**

with a consolidated score of **69** %

Online Assignments	25/25	Proctored Exam	44.25/75
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Total number of candidates certified in this course: **1466**

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

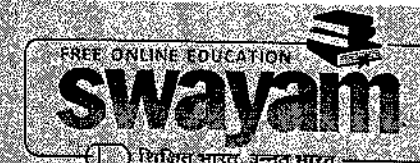
**Dr. A. SURESH RAO**  
HEAD OF THE DEPARTMENT  
Dept. of Computer Science & Engineering  
T.K.R. College of Engineering & Technology  
Meerpet, Hyderabad-500 097

**Jul-Sep 2024**  
**(8 week course)**

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



Indian Institute of Technology Kanpur

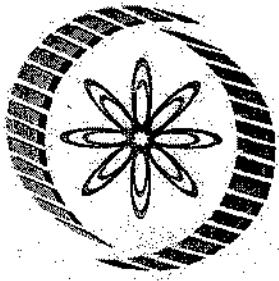


Roll No: NPTEL24CS77S336802235

To verify the certificate



o. of credits recommended: 2 or 3



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)




This certificate is awarded to  
**VASANNAGARI PAVANI**  
for successfully completing the course

## Computer Networks and Internet Protocol

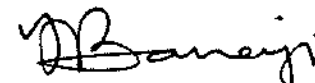
with a consolidated score of **53** %

Online Assignments	17.44/25	Proctored Exam	35.21/75
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Total number of candidates certified in this course: **9310**

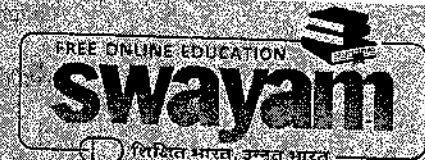
  
**DR. A. SURESH RAO**  
HEAD OF THE DEPARTMENT  
Dept. of Computer Science & Engineering  
T.K.R. College of Engineering & Technology  
Meerpet, Hyderabad-500 047

**Jan-Apr 2024**  
**(12 week course)**

  
**Prof. Haimanti Banerji**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL24CS19S357400778

To verify the certificate



o. of credits recommended: 3 or 4



This is to certify that



**DR SUKANYA K**

has successfully completed all the requirements for SWAYAM-NPTEL Domain Certification in

**Data Science**

(Computer Science)

The courses were completed in the period October 2023

**Prof. Devendra Jalihal**  
Chairman  
Centre for Continuing Education, IITM

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

Roll No: NPTELDS23200000352

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



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**VEESAVARAM JHANSI**

for successfully completing the course

**Digital Circuits**

with a consolidated score of **60** %

Online Assignments	22.53/25	Proctored Exam	37/75
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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: NPTEL23EE115S637410367

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

**CH DIVYA**

for successfully completing the course

**Introduction to Internet of Things**

with a consolidated score of **86** %

Online Assignments	24.6/25	Proctored Exam	61.5/75
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Total number of candidates certified in this course: **25880**

**Jul-Oct 2023**

**(12 week course)**

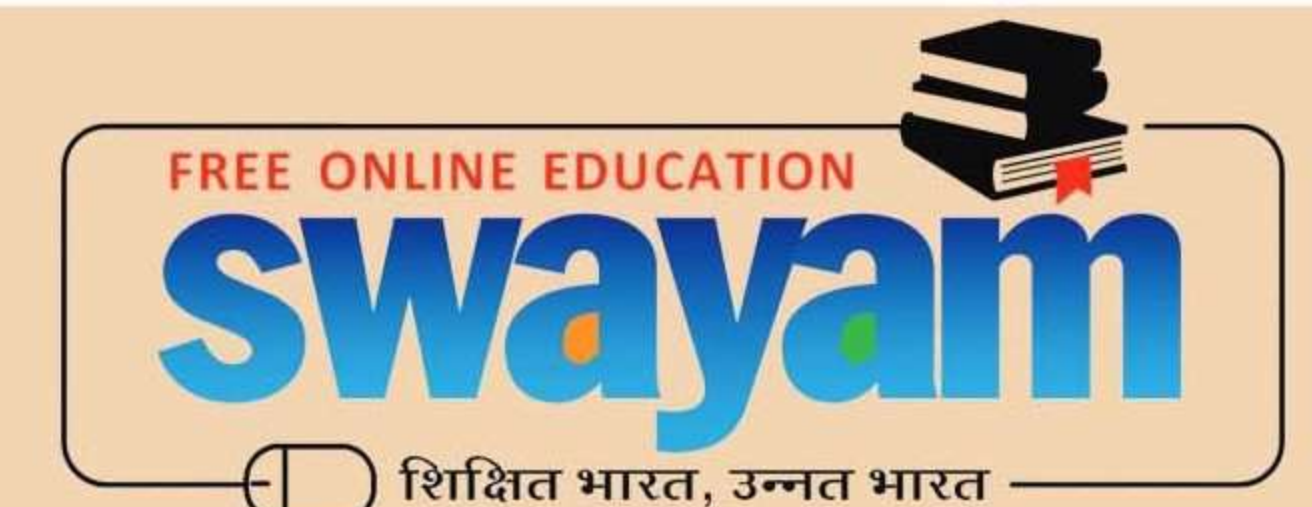


**Prof. Haimanti Banerji**

Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS83S837403441

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

**VENKATA LAVANYA POLURI**

for successfully completing the course

**Natural Language Processing**

with a consolidated score of **48** %

Online Assignments	17.97/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **626**

**Jul-Oct 2023**

**(12 week course)**

**Prof. Haimanti Banerji**

Coordinator, NPTEL

IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS80S537400136

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

**VENKATA LAVANYA POLURI**

for successfully completing the course

**Introduction to Machine Learning**



with a consolidated score of **75** %

Online Assignments	24.63/25	Proctored Exam	50.51/75
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Total number of candidates certified in this course: **3449**

**Jul-Sep 2023**

**(8 week course)**

**Prof. Haimanti Banerji**

Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS87S35704972

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

**A HARITHA**

for successfully completing the course

**Digital Circuits**

with a consolidated score of **60** %

Online Assignments	24.38/25	Proctored Exam	36/75
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Total number of candidates certified in this course: **2526**

**Jul-Oct 2023**

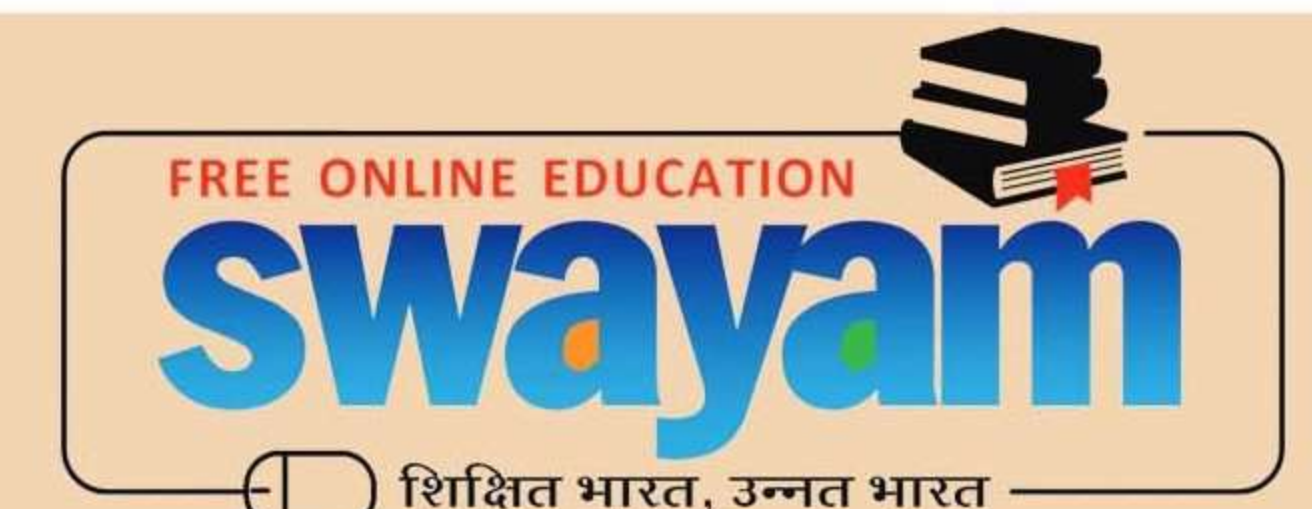
**(12 week course)**

**Prof. Haimanti Banerji**

Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur

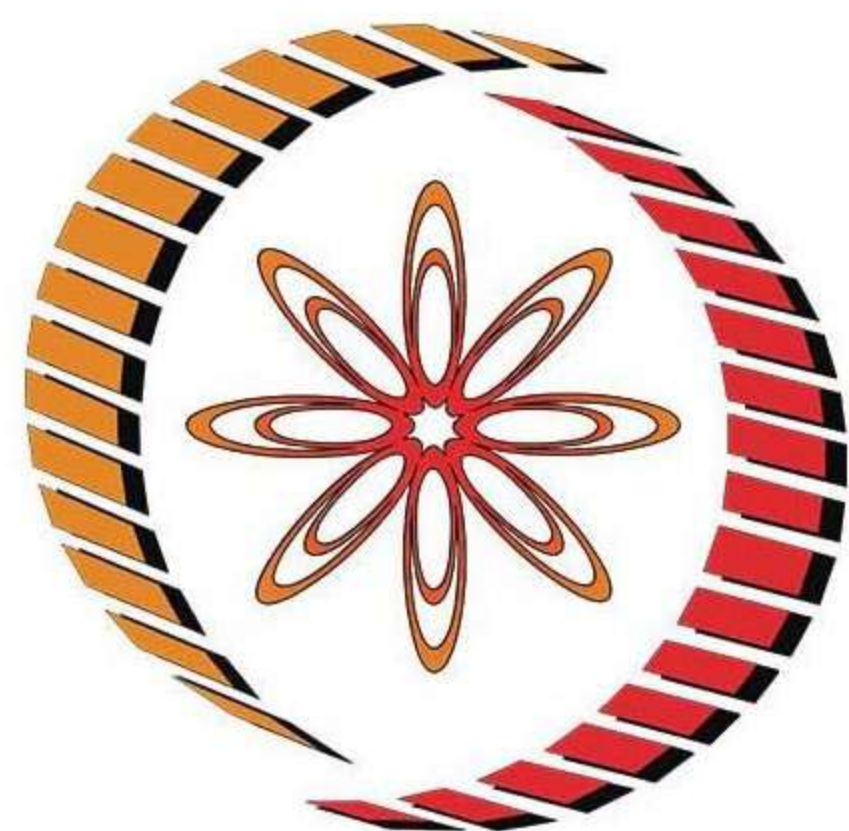


Roll No: NPTEL23EE115S637401273

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

**SATYANARAYANA MADDISANI**

for successfully completing the course

**Programming, Data Structures and Algorithms Using Python**

with a consolidated score of **64** %

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

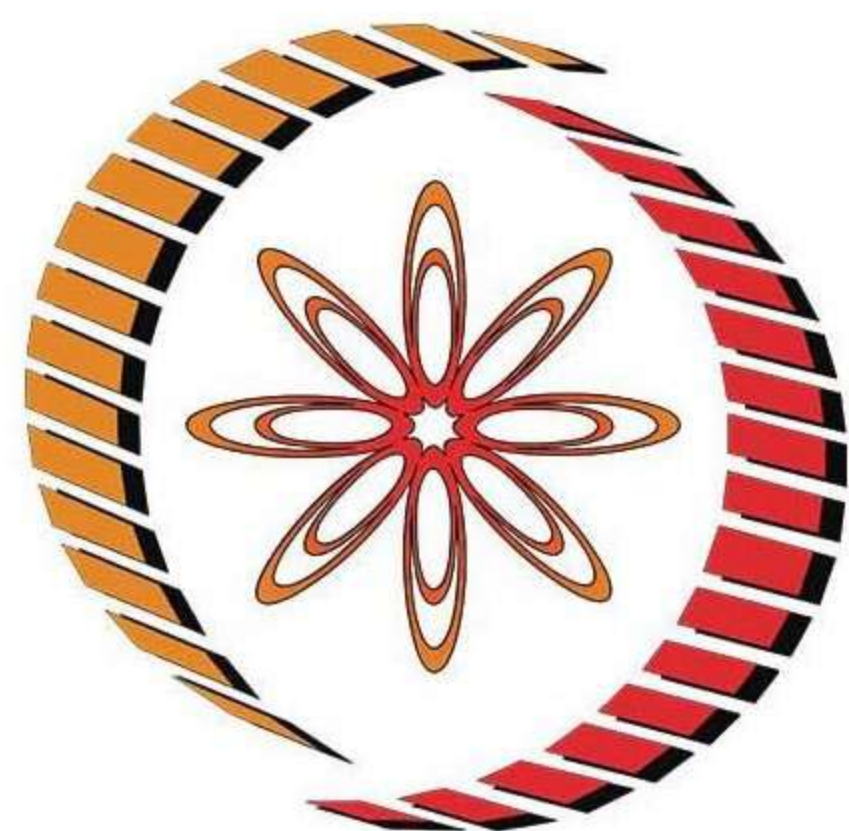


Roll No: NPTEL23CS95S35706915

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

**KUSUMA SHALINI**

for successfully completing the course

**Research Methodology**



with a consolidated score of **79** %

Online Assignments	22.08/25	Proctored Exam	57/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **3794**

*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

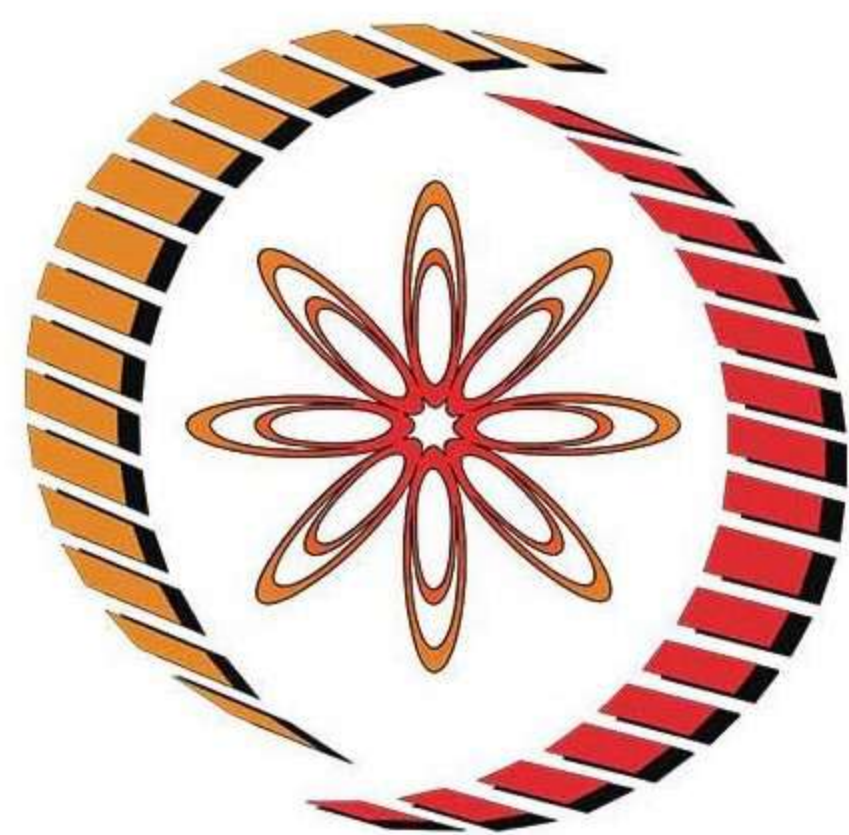


Roll No: NPTEL23GE36S537410130

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

**DR SUKANYA K**

for successfully completing the course

**Deep Learning**

with a consolidated score of **71** %

Online Assignments	23.72/25	Proctored Exam	47.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **1504**

**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

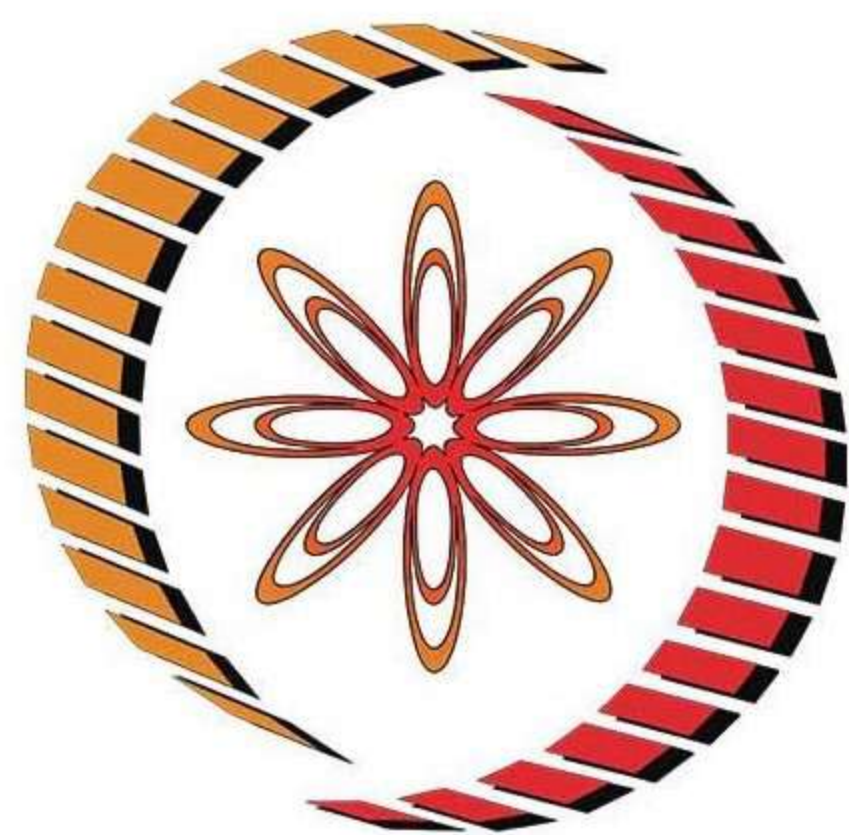


Roll No: NPTEL23CS110S637410452

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

**DR SUKANYA K**

for successfully completing the course

**Natural Language Processing**

with a consolidated score of **57** %

Online Assignments	25/25	Proctored Exam	32.25/75
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Total number of candidates certified in this course: **626**

**Jul-Oct 2023**

**(12 week course)**

**Prof. Haimanti Banerji**

Coordinator, NPTEL

IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS80S537410156

To verify the certificate



No. of credits recommended: 3 or 4



# NPTEL-AICTE Faculty Development Programme

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**VEMPATI KRISHNA**

for successfully completing the course

**Foundation of Cloud IoT Edge ML**

with a consolidated score of **83 %**

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



(Feb-Apr 2023)

Roll No: NPTEL23CS65S33754812

Duration of NPTEL course : 8 Weeks

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.  
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses.  
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18





# NPTEL-AICTE Faculty Development Programme

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**AROKIA MUTHU**

for successfully completing the course

**Computer Networks and Internet Protocol**

with a consolidated score of **57 %**

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



(Jan-Apr 2023)

Roll No: NPTEL23CS48S43758983

Duration of NPTEL course : 12 Weeks

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.  
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses.  
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**RAJESH BANALA**  
for successfully completing the course

## Foundation of Cloud IoT Edge ML

with a consolidated score of **69** %

Online Assignments	23.33/25	Proctored Exam	45.92/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **1649**

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

Feb-Apr 2023

(8 week course)

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



Indian Institute of Technology Kanpur



Roll No: NPTEL23CS65533758462

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

**J MADHAVI**

for successfully completing the course

**Computer Networks and Internet Protocol**



with a consolidated score of **78** %

Online Assignments	24.38/25	Proctored Exam	53.91/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **9310**

**Jan-Apr 2024**

**(12 week course)**

**Prof. Haimanti Banerji**

Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL24CS19S457403621

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  
**SADANALA SAMYUKTHA**  
for successfully completing the course

## Data Mining

with a consolidated score of **53** %

Online Assignments	21.25/25	Proctored Exam	31.5/75
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Total number of candidates certified in this course: **3196**

**Jan-Mar 2024**

**(8 week course)**

**Prof. Haimanti Banerji**

Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL24CS22S357102425

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

**M SAROJINI RANI**

for successfully completing the course

## Introduction to Internet of Things

with a consolidated score of **67** %

Online Assignments	23.72/25	Proctored Exam	43.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **32882**

**Jan-Apr 2024**

**(12 week course)**

**Prof. Haimanti Banerji**

Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur

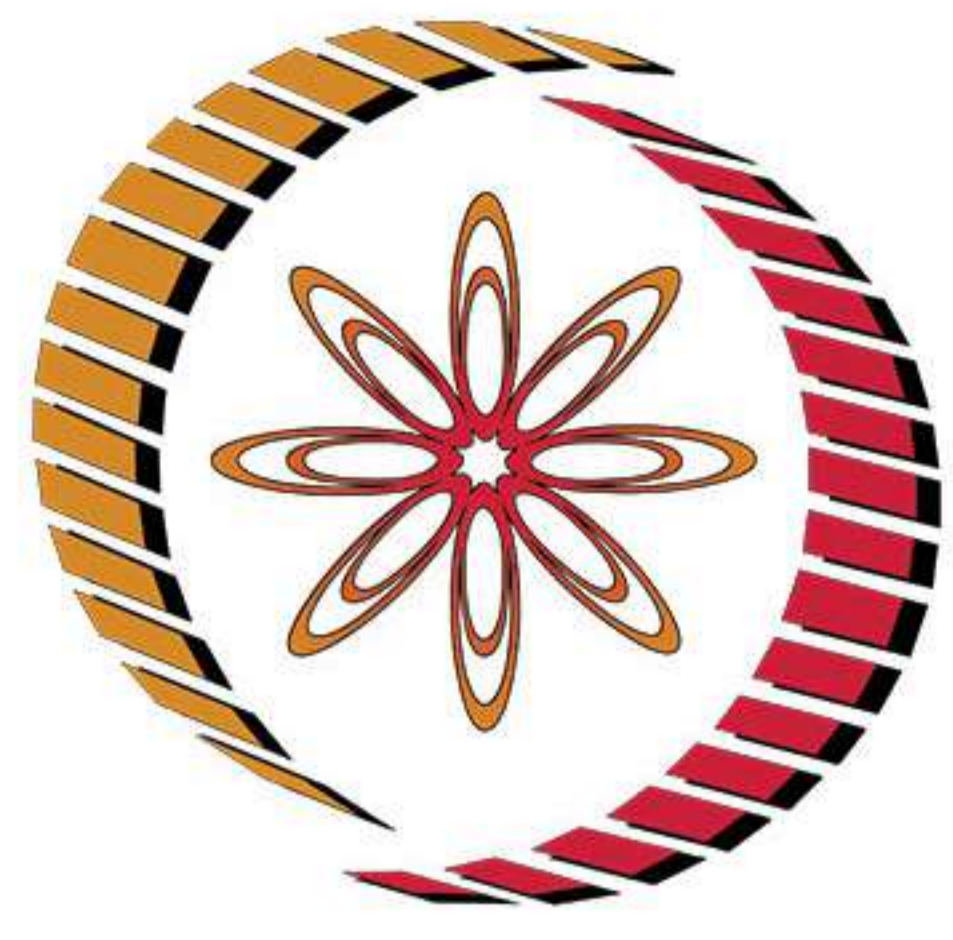


Roll No: NPTEL24CS35S657404812

To verify the certificate



No. of credits recommended: 3 or 4



# NPTEL-AICTE Faculty Development Programme

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**BALGURI TEJASWINI**

for successfully completing the course

**Introduction to Internet of Things**

with a consolidated score of **71 %**

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



(Jul-Oct 2023)

Roll No: NPTEL23CS83S837410857

Duration of NPTEL course : 12 Weeks

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.  
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses.

F.No. AICTE / RIFD / FDP through MOOCs / 2017-18



# TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

AN AUTONOMOUS INSTITUTION

Accredited by NBA and NAAC with 'A' Grade.

(Sponsored by TKR Educational Society, Approved by AICTE, Affiliated to JNTU H)

Medbowli, Meerpet, Balapur, Hyderabad, Telangana - 500 097

Phone: 9100377790, email: info@tkrcet.ac.in, web site: www.tkrcet.ac.in



## Department of Information Technology

Details of teachers awarded National/International fellowship for advanced studies/ research during the year 2023-

24

Name of the teacher awarded national/ international fellowship/financial support	Name of the Award/Fellowship	Month and Year of Award	Awarding Agency
Y. Naga Lavanya	ELITE/NPTEL+SWAYAM	JULY-AUGUST, 2023	NPTEL, IIT MADRAS
Mrs.D.Kavitha	NPTEL/ SWAYAM	JULY-SEPTEMBER, 2023	NPTEL, IIT KHARAGPUR
M. Jhansi Rani	NPTEL/ SWAYAM	JULY-OCTOBER, 2023	NPTEL, IIT MADRAS
B. Shivani	ELITE/NPTEL+SWAYAM	JULY-OCTOBER, 2023	NPTEL, IIT KHARAGPUR
M. Jhansi Rani	ELITE/NPTEL+SWAYAM	JANUARY-FEBRUARY,2024	NPTEL, IIT MADRAS
M.Aruna	NPTEL/ SWAYAM	JANUARY-APRIL,2024	NPTEL, IIT KHARAGPUR

*[Signature]*  
Head Dept. of Information Technology  
TKR College of Engineering & Technology  
Medbowli, Meerpet, Hyderabad- 500097-15.

*[Signature]*  
Principal  
TKR College of Engineering & Technology  
(AUTONOMOUS)  
Medbowli, Meerpet, Hyderabad-97.



**Elite**

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**Y NAGA LAVANYA**

for successfully completing the course

**Python for Data Science**

with a consolidated score of **65** %

Online Assignments	22.08/25	Proctored Exam	42.5/75
--------------------	----------	----------------	---------

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)

*Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL23CS99S35703752

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

**DAVIDI KAVITHA**

for successfully completing the course

**Introduction to Machine Learning**

with a consolidated score of **58** %

Online Assignments	24.33/25	Proctored Exam	33.51/75
--------------------	----------	----------------	----------

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

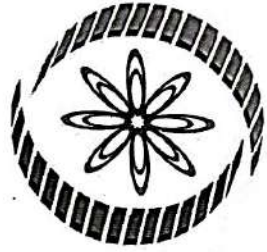


Roll No: NPTEL23CS87S45705954

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

**JHANSI RANI METTU**

for successfully completing the course

**Cyber Security and Privacy**

with a consolidated score of **56** %

Online Assignments	21.78/25	Proctored Exam	33.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **6011**

*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: NPTEL23CS127S637409567

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

**BHUTAM SHIVANI**

for successfully completing the course

**Introduction to Internet of Things**

with a consolidated score of **82** %

Online Assignments	23.94/25	Proctored Exam	58.5/75
--------------------	----------	----------------	---------

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





**Elite**

# NPTEL Online Certification

(Funded by the MOE, Govt. of India)

This certificate is awarded to

**JHANSI RANI METTU**

for successfully completing the course

**Python for Data Science**

with a consolidated score of **78** %

Online Assignments	24.75/25	Proctored Exam	52.81/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **1953**

*Devendra Jalihal*

**Prof. Devendra Jalihal**

Chairperson,

Centre for Outreach and Digital Education, IITM

Indian Institute of Technology Madras



*Andrew Thangaraj*

**Prof. Andrew Thangaraj**

NPTEL, Coordinator

IIT Madras





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

**MEKA ARUNA**

for successfully completing the course

**Problem Solving through Programming In C**

with a consolidated score of **55** %

Online Assignments	23.5/25	Proctored Exam	31.82/75
--------------------	---------	----------------	----------

Total number of candidates certified in this course: **2979**

**Jan-Apr 2024**  
(12 week course)



**Prof. Haimanti Banerji**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL24CS42S657405098

To verify the certificate



No. of credits recommended: 3 or 4