



Chaitanya Bharathi Institute of Technology (A)

Department of Electronics and Communication Engineering

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| Academic Year | Name of the Value Added Course | Course Code | No. of Students Enrolled | Page No. |
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| 2019-20 | 1. Agile Software Development | CBIT/ECE/MOOCs/001 | 01 | 2 |
| 2020-21 | 1. Python for Data Science | CBIT/ECE/MOOCs/002 | 01 | 3 |
| | 2. Programming, Data Structures And Algorithms Using Python | CBIT/ECE/MOOCs/003 | 01 | 4 |
| | 3. Introduction to Internet of Things | CBIT/ECE/MOOCs/004 | 01 | 5 |
| | 4. Data Science for Engineers | CBIT/ECE/MOOCs/005 | 01 | 6 |
| | 5. Deep Learning | CBIT/ECE/MOOCs/006 | 01 | 7 |
| | 6. Introduction to Machine Learning | CBIT/ECE/MOOCs/007 | 01 | 08 |
| | 7. The Joy of Computing using Python | CBIT/ECE/MOOCs/008 | 02 | 09 |
| 2021-22 | 1. Introduction to Operating Systems | CBIT/ECE/MOOCs/009 | 01 | 11 |
| | 2. Introduction to Internet of Things | CBIT/ECE/MOOCs/004 | 02 | 12 |
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| | 4. Operating System Fundamentals | CBIT/ECE/MOOCs/010 | 01 | 16 |
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| | 6. Design and Analysis of Algorithms | CBIT/ECE/MOOCs/012 | 01 | 20 |
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| | 10. Introduction to Soft Computing | CBIT/ECE/MOOCs/014 | 01 | 25 |
| | 11. Discrete Mathematics | CBIT/ECE/MOOCs/015 | 02 | 26 |
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| | 13. Introduction to Industry 4.0 and Industrial Internet of Things | CBIT/ECE/MOOCs/017 | 01 | 29 |
| | 14. The Joy of Computing using Python | CBIT/ECE/MOOCs/008 | 08 | 30 |



UNIVERSITY OF MINNESOTA
Driven to DiscoverSM

May 27, 2022

Varun Kamshetty

has successfully completed

Agile Software Development

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

A handwritten signature in black ink, appearing to read 'Praveen Mittal', written over a horizontal dotted line.

Praveen Mittal
Adjunct Professor
College of Science and Engineering

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/NWN6DTADW3RF>

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. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20CS80S41710052
To
REGENTI SHAMITHA REDDY
FLAT NO.B1-G2 QUARTERS,IIIT,RK
VALLEY,VEMPALLI
KADAPA, ANDHRA PRADESH 516329
KADAPA
ANDHRA PRADESH - 516329
PH. NO :7013092901



| 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:1

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 Ministry of HRD, Govt. of India)

This certificate is awarded to

REGENTI SHAMITHA REDDY

for successfully completing the course

Python for Data Science

with a consolidated score of **78** %



| | | | | | |
|--------------------|----------|------------------|-------|----------------|----------|
| Online Assignments | 23.75/25 | Programming Exam | 25/25 | Proctored Exam | 29.44/50 |
|--------------------|----------|------------------|-------|----------------|----------|

Total number of candidates certified in this course: 2008

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Sep-Oct 2020
(4 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20CS70S31710039

To
REGENTI SHAMITHA REDDY
FLAT NO.B1-G2 QUARTERS,IIIT,RK
VALLEY,VEMPALLI
KADAPA, ANDHRA PRADESH 516329
KADAPA
ANDHRA PRADESH - 516329
PH. NO :7013092901



| 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 Ministry of HRD, Govt. of India)

This certificate is awarded to

REGENTI SHAMITHA REDDY

for successfully completing the course

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

with a consolidated score of **84** %



| | | | | | |
|--------------------|-------|------------------|-------|----------------|----------|
| Online Assignments | 25/25 | Programming Exam | 25/25 | Proctored Exam | 33.75/50 |
|--------------------|-------|------------------|-------|----------------|----------|

Total number of candidates certified in this course: 1579

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Sep-Nov 2020
(8 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20CS66S81602099

To
NAKKANAGA GEETHA KRISHNA
PLOTNO.:204;FLAT NO.:101;LAKE VIEW
RESIDENCY; SURAKSHA COLONY
CHANDANAGAR; HYDERABAD-500050
HYDERABAD
TELANGANA - 500050
PH. NO :7981376251



| 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 Ministry of HRD, Govt. of India)



This certificate is awarded to
NAKKANAGA GEETHA KRISHNA

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **70** %

| | | | |
|--------------------|----------|----------------|-------|
| Online Assignments | 18.59/25 | Proctored Exam | 51/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **4785**

Prof. G P Raja Sekhar
Dean, Continuing Education
IIT Kharagpur

Sep-Dec 2020
(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. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL21CS23S11610763
To
REGENTI SHAMITHA REDDY
FLAT NO.B1-G2 QUARTERS,IIIT,RK VALLEY
VEMPALLI,KADAPA, ANDHRA PRADESH 516329
KADAPA
ANDHRA PRADESH - 516329
PH. NO :7013092901

| 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 Ministry of HRD, Govt. of India)



This certificate is awarded to
REGENTI SHAMITHA REDDY
for successfully completing the course



Data Science for Engineers

with a consolidated score of **90** %

| | | | |
|--------------------|----------|----------------|----------|
| Online Assignments | 24.29/25 | Proctored Exam | 65.25/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **1160**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Mar 2021
(8 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL21CS35S13740281

To
REGENTI SHAMITHA REDDY
FLAT NO.B1-G2 QUARTERS,IIIT,RK VALLEY
VEMPALLI,KADAPA, ANDHRA PRADESH 516329
KADAPA
ANDHRA PRADESH - 516329
PH. NO :7013092901



| 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 Ministry of HRD, Govt. of India)



This certificate is awarded to

REGENTI SHAMITHA REDDY

for successfully completing the course

Deep Learning

with a consolidated score of **71** %

| | | | |
|--------------------|----------|----------------|-------|
| Online Assignments | 23.41/25 | Proctored Exam | 48/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **348**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Apr 2021
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL21CS24S46007525

To
REGENTI SHAMITHA REDDY
FLAT NO.B1-G2 QUARTERS,IIIT,RK VALLEY
VEMPALLI,KADAPA, ANDHRA PRADESH 516329
KADAPA
ANDHRA PRADESH - 516329
PH. NO :7013092901



| 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 Ministry of HRD, Govt. of India)



This certificate is awarded to

REGENTI SHAMITHA REDDY

for successfully completing the course



Introduction to Machine Learning

with a consolidated score of **82** %

| | | | |
|--------------------|----------|----------------|----------|
| Online Assignments | 23.75/25 | Proctored Exam | 57.75/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **401**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Apr 2021
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL21CS32S23740190
To
REGENTI SHAMITHA REDDY
FLAT NO.B1-G2 QUARTERS,IIIT,RK VALLEY
VEMPALLI,KADAPA, ANDHRA PRADESH 516329
KADAPA
ANDHRA PRADESH - 516329
PH. NO :7013092901



| 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 Ministry of HRD, Govt. of India)



This certificate is awarded to
REGENTI SHAMITHA REDDY
for successfully completing the course



The Joy of Computing using Python

with a consolidated score of **88** %

| | | | | | |
|--------------------|----------|------------------|-------|----------------|-------|
| Online Assignments | 24.88/25 | Programming Exam | 25/25 | Proctored Exam | 38/50 |
|--------------------|----------|------------------|-------|----------------|-------|

Total number of candidates certified in this course: **3425**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Apr 2021
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



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Roll No: NPTEL21CS32S13630194
To
NAKKA NAGA GEETHA KRISHNA
PLOTNO:204,FLAT NO:101,LAKEVIEWRESIDENCY
SURAKSHACOLONY,CHANDANAGAR
HYDERABAD
TELANGANA - 500050
PH. NO :7981376251

| 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 Ministry of HRD, Govt. of India)



This certificate is awarded to
NAKKA NAGA GEETHA KRISHNA

for successfully completing the course

The Joy of Computing using Python

with a consolidated score of **88** %



| | | | | | |
|--------------------|----------|------------------|-------|----------------|-------|
| Online Assignments | 24.38/25 | Programming Exam | 25/25 | Proctored Exam | 39/50 |
|--------------------|----------|------------------|-------|----------------|-------|

Total number of candidates certified in this course: **3425**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Apr 2021
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



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Roll No: NPTEL21CS72S23581925

To
POLINENI SREENIDHI
H.NO587 OLD MIG PHASE1,BHEL,LINGAMPALLY
NEAR BICHA REDDY SWEET HOUSE,RC PURAM
HYDERABAD
TELANGANA - 502032
PH. NO :919059410333



| 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.



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

POLINENI SREENIDHI

for successfully completing the course

Introduction to Operating Systems

with a consolidated score of **52** %

| | | | |
|--------------------|----------|----------------|-------|
| Online Assignments | 21.96/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **353**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jul-Sep 2021
(8 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



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Roll No: NPTEL21CS63S33630585

To
POLINENI SREENIDHI
H.NO587 OLD MIG PHASE1,BHEL,LINGAMPALLY
NEAR BICHA REDDY SWEET HOUSE,RC PURAM
HYDERABAD
TELANGANA - 502032
PH. NO :919059410333



| 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.



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

POLINENI SREENIDHI

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **53** %

| | | | |
|--------------------|----------|----------------|-------|
| Online Assignments | 22.91/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

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

Prof. G P Raja Sekhar
Dean, Continuing Education
IIT Kharagpur

Jul-Oct 2021
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



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Roll No: NPTEL21CS63S33630445
To
JANJANAM REVANTH
3-129/A
VALAPARLA
MARTUR MANDAL, PRAKASAM DISTRICT
ANDHRA PRADESH - 523260
PH. NO :8639769480

| 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.



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
JANJANAM REVANTH
for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **52** %

| | | | |
|--------------------|----------|----------------|-------|
| Online Assignments | 22.28/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

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

Prof. G P Raja Sekhar
Dean, Continuing Education
IIT Kharagpur

Jul-Oct 2021
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



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Roll No: NPTEL21CS70S43631818

To
POLINENI SREENIDHI
H.NO587 OLD MIG PHASE1,BHEL,LINGAMPALLY
NEAR BICHA REDDY SWEET HOUSE,RC PURAM
HYDERABAD
TELANGANA - 502032
PH. NO :919059410333



| 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.



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

POLINENI SREENIDHI

for successfully completing the course

Introduction to Machine Learning

with a consolidated score of **50** %

| | | | |
|--------------------|----------|----------------|-------|
| Online Assignments | 20.31/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **800**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jul-Oct 2021
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL21CS70S33632943

To
NAKKA NAGA GEETHA KRISHNA
PLOTNO:204,FLAT NO:101,LAKEVIEWRESIDENCY
SURAKSHACOLONY,CHANDANAGAR
HYDERABAD
TELANGANA - 500050
PH. NO :7981376251



| 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.



NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

NAKKA NAGA GEETHA KRISHNA

for successfully completing the course

Introduction to Machine Learning

with a consolidated score of **56** %

| | | | |
|--------------------|----------|----------------|---------|
| Online Assignments | 20.72/25 | Proctored Exam | 35.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **800**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jul-Oct 2021
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL21CS88S33730075

To
REGENTI SHAMITHA REDDY
FLAT NO.B1-G2 QUARTERS,IIIT,RK VALLEY
VEMPALLI,KADAPA, ANDHRA PRADESH 516329
KADAPA
ANDHRA PRADESH - 516329
PH. NO :7013092901



| 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 Ministry of HRD, Govt. of India)



This certificate is awarded to

REGENTI SHAMITHA REDDY

for successfully completing the course

Operating System Fundamentals

with a consolidated score of **62** %

| | | | |
|--------------------|----------|----------------|---------|
| Online Assignments | 24.06/25 | Proctored Exam | 37.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **797**

Prof. G P Raja Sekhar
Dean, Continuing Education
IIT Kharagpur

Jul-Oct 2021
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



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Roll No: NPTEL21CS62S23730550

To
REGENTI SHAMITHA REDDY
FLAT NO.B1-G2 QUARTERS,IIIT,RK VALLEY
VEMPALLI,KADAPA, ANDHRA PRADESH 516329
KADAPA
ANDHRA PRADESH - 516329
PH. NO :7013092901



| 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 Ministry of HRD, Govt. of India)



This certificate is awarded to

REGENTI SHAMITHA REDDY

for successfully completing the course



Cloud Computing

with a consolidated score of **76** %

| | | | |
|--------------------|----------|----------------|----------|
| Online Assignments | 24.38/25 | Proctored Exam | 51.25/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **3189**

Prof. G P Raja Sekhar
Dean, Continuing Education
IIT Kharagpur

Aug-Oct 2021
(8 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. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL21CS62S23631151

To
ANNEBOINA NIKHIL
B NO 6/5 RAJIVGRUHAKALPA
ALMASGUDA BALAPUR MANDAL RANGA REDDY
HYDERABAD
TELANGANA - 500112
PH. NO :6281714900



| 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 Ministry of HRD, Govt. of India)



This certificate is awarded to

ANNEBOINA NIKHIL

for successfully completing the course

Cloud Computing

with a consolidated score of **65** %

| | | | |
|--------------------|----------|----------------|---------|
| Online Assignments | 24.21/25 | Proctored Exam | 40.7/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **3189**

Prof. G P Raja Sekhar
Dean, Continuing Education
IIT Kharagpur

Aug-Oct 2021
(8 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. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL21CS62S13630807

To
CHADA SAIDEEP REDDY
3-197,REGONDA
TELANGANA - 506348
PH. NO :8499954151



| 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 Ministry of HRD, Govt. of India)



This certificate is awarded to
CHADA SAIDEEP REDDY
for successfully completing the course

Cloud Computing

with a consolidated score of **68** %

| | | | |
|--------------------|----------|----------------|----------|
| Online Assignments | 23.54/25 | Proctored Exam | 44.79/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **3189**


Prof. G P Raja Sekhar
Dean, Continuing Education
IIT Kharagpur

Aug-Oct 2021
(8 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No:NPTEL21CS62S13630807

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

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL21CS68S43730262
To
REGENTI SHAMITHA REDDY
FLAT NO.B1-G2 QUARTERS,IIIT,RK VALLEY
VEMPALLI,KADAPA, ANDHRA PRADESH 516329
KADAPA
ANDHRA PRADESH - 516329
PH. NO :7013092901

| 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 Ministry of HRD, Govt. of India)



This certificate is awarded to

REGENTI SHAMITHA REDDY

for successfully completing the course

Design and Analysis of Algorithms

with a consolidated score of **68** %

| | | | |
|--------------------|-------|----------------|----------|
| Online Assignments | 25/25 | Proctored Exam | 43.13/75 |
|--------------------|-------|----------------|----------|

Total number of candidates certified in this course: **514**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Aug-Oct 2021
(8 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



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

Roll No: NPTEL22CS32S43583997

To
NAKKA NAGA GEETHA KRISHNA
PLOTNO:204,FLAT NO:101,LAKEVIEWRESIDENCY
SURAKSHACOLONY,CHANDANAGAR
HYDERABAD
TELANGANA - 500050
PH. NO :7981376251



| 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:1

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

NAKKA NAGA GEETHA KRISHNA

for successfully completing the course

Python for Data Science

with a consolidated score of **84** %



| | | | | | |
|--------------------|----------|------------------|-------|----------------|----------|
| Online Assignments | 21.25/25 | Programming Exam | 25/25 | Proctored Exam | 38.18/50 |
|--------------------|----------|------------------|-------|----------------|----------|

Total number of candidates certified in this course: **3390**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Feb 2022
(4 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



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

Roll No: NPTEL22CS12S33582159

To
POLINENI SREENIDHI
H.NOS87 OLD MIG PHASE1,BHEL,LINGAMPALLY
NEAR BICHA REDDY SWEET HOUSE,RC PURAM
HYDERABAD
TELANGANA - 502032
PH. NO :919059410333



| 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:1

An 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

POLINENI SREENIDHI

for successfully completing the course

Software Testing

with a consolidated score of **53** %

| | | | |
|--------------------|----------|----------------|-------|
| Online Assignments | 23.33/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: 898

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Feb 2022
(4 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



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Roll No: NPTEL21CS23S11610763
To
REGENTI SHAMITHA REDDY
FLAT NO.B1-G2 QUARTERS,IIIT,RK VALLEY
VEMPALLI,KADAPA, ANDHRA PRADESH 516329
KADAPA
ANDHRA PRADESH - 516329
PH. NO :7013092901

| 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 Ministry of HRD, Govt. of India)



This certificate is awarded to
REGENTI SHAMITHA REDDY
for successfully completing the course



Data Science for Engineers

with a consolidated score of **90** %

| | | | |
|--------------------|----------|----------------|----------|
| Online Assignments | 24.29/25 | Proctored Exam | 65.25/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **1160**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Mar 2021
(8 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



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

Roll No: NPTEL22CS28S33581679

To
NAKKA NAGA GEETHA KRISHNA
PLOTNO:204,FLAT NO:101,LAKEVIEWRESIDENCY
SURAKSHACOLONY,CHANDANAGAR
HYDERABAD
TELANGANA - 500050
PH. NO :7981376251



| 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

NAKKA NAGA GEETHA KRISHNA

for successfully completing the course

Data Science for Engineers

with a consolidated score of **77** %



| | | | |
|--------------------|----------|----------------|---------|
| Online Assignments | 20.04/25 | Proctored Exam | 56.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **1264**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Mar 2022
(8 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



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

Roll No: NPTEL22CS54S34380314

To
REGENTI SHAMITHA REDDY
FLAT NO.B1-G2 QUARTERS,IIIT,RK VALLEY
VEMPALLI,KADAPA, ANDHRA PRADESH 516329
KADAPA
ANDHRA PRADESH - 516329
PH. NO :7013092901



| 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

REGENTI SHAMITHA REDDY

for successfully completing the course

Introduction to Soft Computing

with a consolidated score of **72** %

| | | | |
|--------------------|----------|----------------|----------|
| Online Assignments | 23.83/25 | Proctored Exam | 48.44/75 |
|--------------------|----------|----------------|----------|

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



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

Roll No: NPTEL22CS33S33533388

To
POLINENI SREENIDHI
H.NO587 OLD MIG PHASE1,BHEL,LINGAMPALLY
NEAR BICHA REDDY SWEET HOUSE,RC PURAM
HYDERABAD
TELANGANA - 502032
PH. NO :919059410333



| 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

POLINENI SREENIDHI

for successfully completing the course

Discrete Mathematics

with a consolidated score of **72** %

| | | | |
|--------------------|---------|----------------|-------|
| Online Assignments | 22.1/25 | Proctored Exam | 50/75 |
|--------------------|---------|----------------|-------|

Total number of candidates certified in this course: **1898**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Apr 2022
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



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

Roll No: NPTEL22CS33S33531739

To
MORA RAHUL TEJ
1-9-616/13,PARAMESHWARA ENTERPRISES
IDEAL SCHOOL LINE, TELANGANA CHOWRASTA
HANAMKONDA
TELANGANA - 506001
PH. NO :9392631467



| 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

MORA RAHUL TEJ

for successfully completing the course

Discrete Mathematics

with a consolidated score of **61** %

| | | | |
|--------------------|----------|----------------|----------|
| Online Assignments | 24.06/25 | Proctored Exam | 37.13/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **204**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Apr 2022
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



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

Roll No: NPTEL22CS57S23537434

To
POLINENI SREENIDHI
H.NO587 OLD MIG PHASE1,BHEL,LINGAMPALLY
NEAR BICHA REDDY SWEET HOUSE,RC PURAM
HYDERABAD
TELANGANA - 502032
PH. NO :919059410333



| 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

POLINENI SREENIDHI

for successfully completing the course

Introduction to Database Systems

with a consolidated score of **61** %

| | | | |
|--------------------|----------|----------------|----------|
| Online Assignments | 24.06/25 | Proctored Exam | 36.75/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **96**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Apr 2022
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



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

Roll No: NPTEL22CS52S33530611

To
NAKKA NAGA GEETHA KRISHNA
PLOTNO:204,FLAT NO:101,LAKEVIEWRESIDENCY
SURAKSHACOLONY,CHANDANAGAR
HYDERABAD
TELANGANA - 500050
PH. NO :7981376251



| 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

NAKKA NAGA GEETHA KRISHNA

for successfully completing the course

**Introduction to Industry 4.0 and Industrial
Internet of Things**

with a consolidated score of **75** %



| | | | |
|--------------------|----------|----------------|----------|
| Online Assignments | 24.78/25 | Proctored Exam | 50.54/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **3987**

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: NPTEL22CS31S13533668

To
KAMSHETTY VARUN
H.NO.:- 3-1-16-116/8/1/A, S.V.NAGAR
MALLAPUR, P.O:- NACHARAM, HYDERABAD
HYDERABAD
TELANGANA - 500076
PH. NO :8919435017



| 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

KAMSHETTY VARUN

for successfully completing the course

The Joy of Computing using Python

with a consolidated score of **68** %

| | | | | | |
|--------------------|----------|------------------|----------|----------------|---------|
| Online Assignments | 14.06/25 | Programming Exam | 18.75/25 | Proctored Exam | 35.5/50 |
|--------------------|----------|------------------|----------|----------------|---------|

Total number of candidates certified in this course: **7438**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Apr 2022
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



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

Roll No: NPTEL22CS31S13530351

To
JANJANAM REVANTH
3-129/A
VALAPARLA
MARTUR MANDAL, PRAKASAM DISTRICT
ANDHRA PRADESH - 523260
PH. NO :8639769480



| 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

JANJANAM REVANTH

for successfully completing the course

The Joy of Computing using Python

with a consolidated score of **82** %



| | | | | | |
|--------------------|-------|------------------|-------|----------------|---------|
| Online Assignments | 25/25 | Programming Exam | 25/25 | Proctored Exam | 31.5/50 |
|--------------------|-------|------------------|-------|----------------|---------|

Total number of candidates certified in this course: **7438**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Apr 2022
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



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

Roll No: NPTEL22CS31S23534909

To
ANNEBOINA NIKHIL
6/5 RAJIV GRUHA KALPA, ALMASGUDA,
BALAPUR MANDAL, RANGAREDDY DIST.
HYDERABAD
TELANGANA - 500058
PH. NO :6281714900



| 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

ANNEBOINA NIKHIL

for successfully completing the course

The Joy of Computing using Python

with a consolidated score of **73** %

| | | | | | |
|--------------------|----------|------------------|-------|----------------|----------|
| Online Assignments | 24.94/25 | Programming Exam | 25/25 | Proctored Exam | 23.41/50 |
|--------------------|----------|------------------|-------|----------------|----------|

Total number of candidates certified in this course: **7438**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Apr 2022
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



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

Roll No: NPTEL22CS31S13533618

To
CHADA SAIDEEP REDDY
3-197,REGONDA
TELANGANA - 506348
PH. NO :8499954151



| 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

CHADA SAIDEEP REDDY

for successfully completing the course



The Joy of Computing using Python

with a consolidated score of **85** %

| | | | | | |
|--------------------|-------|------------------|-------|----------------|-------|
| Online Assignments | 25/25 | Programming Exam | 25/25 | Proctored Exam | 35/50 |
|--------------------|-------|------------------|-------|----------------|-------|

Total number of candidates certified in this course: **7438**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Apr 2022
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



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

Roll No: NPTEL22CS31S23536320

To
GOGU SRIKANTH
H/NO 1-68, NEAR GRAMPANCHAYAT ROAD
VILLAGE-HONNAJIPET ,MANDAL- DHARPALLY
NIZAMABAD
TELANGANA - 503165
PH. NO :7702252186



| 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

GOGU SRIKANTH

for successfully completing the course

The Joy of Computing using Python

with a consolidated score of **75** %



| | | | | | |
|--------------------|----------|------------------|-------|----------------|----------|
| Online Assignments | 22.88/25 | Programming Exam | 25/25 | Proctored Exam | 27.13/50 |
|--------------------|----------|------------------|-------|----------------|----------|

Total number of candidates certified in this course: **7438**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Apr 2022
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



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

Roll No: NPTEL22CS31S13530621

To
POLINENI SREENIDHI
H.NO587 OLD MIG PHASE1,BHEL,LINGAMPALLY
NEAR BICHA REDDY SWEET HOUSE,RC PURAM
HYDERABAD
TELANGANA - 502032
PH. NO :919059410333



| 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

POLINENI SREENIDHI

for successfully completing the course

The Joy of Computing using Python

with a consolidated score of **71** %

| | | | | | |
|--------------------|----------|------------------|-------|----------------|---------|
| Online Assignments | 24.63/25 | Programming Exam | 25/25 | Proctored Exam | 21.5/50 |
|--------------------|----------|------------------|-------|----------------|---------|

Total number of candidates certified in this course: **7438**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Apr 2022
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



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

Roll No: NPTEL22CS31S13532979

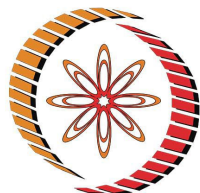
To
NUKALA MALINI
1-2-47/D,OPP:SRI KRISHNA TALKIES
SUBHASHNAGAR
MAHABUBNAGAR
TELANGANA - 509001
PH. NO :7658941366



| 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.



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This certificate is awarded to

NUKALA MALINI

for successfully completing the course

The Joy of Computing using Python

with a consolidated score of **82** %



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|--------------------|----------|------------------|-------|----------------|---------|
| Online Assignments | 24.72/25 | Programming Exam | 25/25 | Proctored Exam | 32.5/50 |
|--------------------|----------|------------------|-------|----------------|---------|

Total number of candidates certified in this course: **7438**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Apr 2022
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



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

Roll No: NPTEL22CS31S13532126

To
KOMRE SHRAVAN KUMAR
H.NO-20-1115/7,PAPIREDDY COLONY
CHANDANAGAR,LINGAMPALLY
HYDERABAD
TELANGANA - 500019
PH. NO :8367654895



| 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

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This certificate is awarded to

KOMRE SHRAVAN KUMAR

for successfully completing the course

The Joy of Computing using Python

with a consolidated score of **75** %



| | | | | | |
|--------------------|----------|------------------|-------|----------------|-------|
| Online Assignments | 24.78/25 | Programming Exam | 25/25 | Proctored Exam | 25/50 |
|--------------------|----------|------------------|-------|----------------|-------|

Total number of candidates certified in this course: **7438**

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