

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

Roll No: NPTEL22CS52S44420774

To

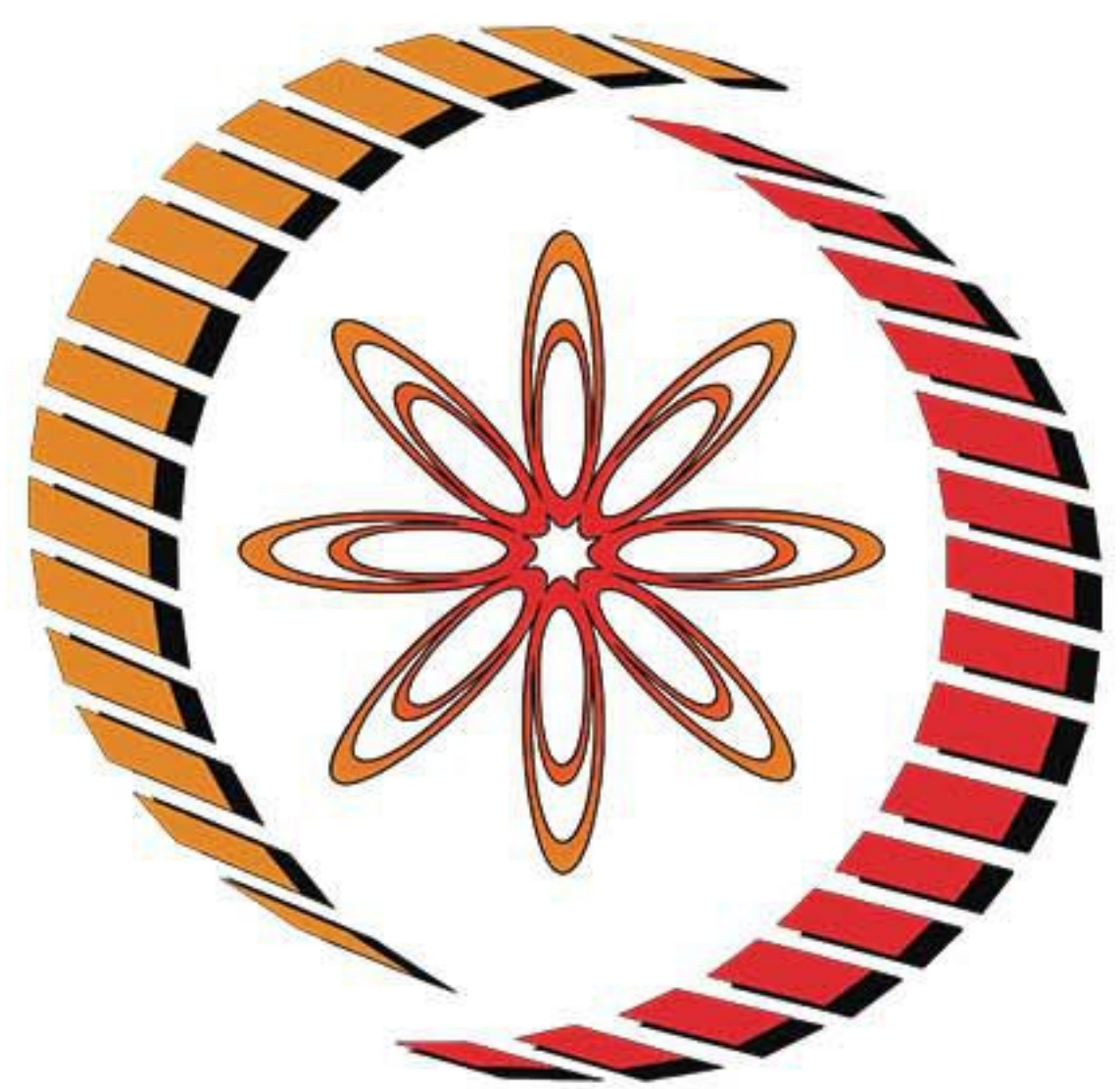
ADARI DEEPIKA
D.NO:22-108-13
CHAITANYA SCHOOL ROAD, PEDAGANTYADA
VISHAKAPATNAM
ANDHRA PRADESH - 530044
PH. NO :7330769636



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

ADARI DEEPIKA

for successfully completing the course

Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **66** %

Online Assignments	24.78/25	Proctored Exam	41.33/75
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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: NPTEL22CS52S44420772

To
AMBATI VINEETHA
EDUPURAM (VILLAGE), ICHAPURAM.
KAPU JAGGARAJU PETA, DUVVADA.
VISAKHAPATNAM
ANDHRAPRADESH - 532312
PH. NO :7386480911



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

AMBATI VINEETHA

for successfully completing the course

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

with a consolidated score of **63** %

Online Assignments	25/25	Proctored Exam	38.27/75
--------------------	-------	----------------	----------

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: NPTEL22CS52S44420570

To
BANDARU NAGA MANASA
27/01/30
SRINAGAR
GAJUWAKA
ANDHRA PRADESH - 530026
PH. NO :9059240421



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

BANDARU NAGA MANASA

for successfully completing the course

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

with a consolidated score of **75** %



Online Assignments	25/25	Proctored Exam	49.98/75
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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



Roll No: NPTEL22CS08S24422035

To
BANDARU NAGA MANASA
27/01/30
SRINAGAR
GAJUWAKA
ANDHRA PRADESH - 530026
PH. NO :9059240421



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 MoE, Govt. of India)



This certificate is awarded to

BANDARU NAGA MANASA

for successfully completing the course

Data Analytics with Python

with a consolidated score of **57** %

Online Assignments	22.81/25	Proctored Exam	34.5/75
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Total number of candidates certified in this course: **6359**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Apr 2022
(12 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL22CS08S24422428

To
BATTULA HEMA HARSHINI
13/81, WEAVERS COLONY
RATNALAPALEM
VISAKHAPATNAM
ANDHRA PRADESH - 531085
PH. NO :8332054397



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

BATTULA HEMA HARSHINI

for successfully completing the course

Data Analytics with Python

with a consolidated score of **66** %

Online Assignments	22.81/25	Proctored Exam	43.5/75
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Total number of candidates certified in this course: 6359

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Apr 2022
(12 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL22CS52S44420808

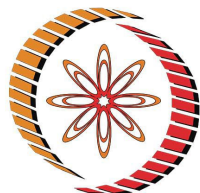
To
BENDALAM SRINIJA
KATTIVARAM VILLAGE, PEDDA VEEDHI
KANCHILI MANDALAM, SRIKAKULAM DISTRICT
VISAKHAPATNAM
ANDHRA PRADESH - 532290
PH. NO :9182226184



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

BENDALAM SRINIJA

for successfully completing the course

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

with a consolidated score of **63** %

Online Assignments	25/25	Proctored Exam	38.27/75
--------------------	-------	----------------	----------

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: NPTEL22CS52S44420819

To

SINDU
3-29,GAVARAPALEM COLONY
LAKSHMIPURAM,CHINTALAGEAHARAM
VIZAG
ANDHRAPRADESH - 530047
PH. NO /7680979882



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

SINDU

for successfully completing the course

Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **61** %

Online Assignments	24.56/25	Proctored Exam	36.74/75
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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: NPTEL22CS08524422467

To

SINDU
3-29, GAVARAPALEM COLONY
LAKSHMIPURAM, CHINTALAAGRAHARAM
VIZAG
ANDHRAPRADESH - 530047
PH. NO : 7680970882



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

SINDU

for successfully completing the course

Data Analytics with Python

with a consolidated score of **60** %

Online Assignments	22.19/25	Proctored Exam	37.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 6359

Prof. Sanjiv Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Apr 2022
(12 week course)

Prof. Prati Maheshwari
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL22CS08S14420253

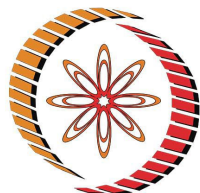
To
BODDU MANASA
DNO:6-7-9,CHINNA VEEDHI,VIZIANAGARAM
NEAR KANYAKAPARAMESHWARI TEMPLE
VIZIANAGARAM
ANDHRA PRADESH - 535002
PH. NO :9390778137



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

BODDU MANASA

for successfully completing the course



Data Analytics with Python

with a consolidated score of **76** %

Online Assignments	23.13/25	Proctored Exam	52.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **6359**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Apr 2022
(12 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22CS52S44420572

To
CHAKKA HIRANMAYI
13-2-3, MASJID STREET, ANAKAPALLE
ANAKAPALLE, VISAKHAPATNAM
ANAKAPALLE
ANDHRA PRADESH - 531001
PH. NO : 7901290338



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

CHAKKA HIRANMAYI

for successfully completing the course

Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **69** %

Online Assignments	25/25	Proctored Exam	44.39/75
--------------------	-------	----------------	----------

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: NPTEL22CS08S24422037

To
CHAKKA HIRANMAYI
13-2-3, MASJID STREET, ANAKAPALLE
ANAKAPALLE, VISAKHAPATNAM
ANAKAPALLE
ANDHRA PRADESH - 531001
PH. NO : 7901290338



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

CHAKKA HIRANMAYI

for successfully completing the course

Data Analytics with Python

with a consolidated score of **63** %

Online Assignments	22.19/25	Proctored Exam	40.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **6359**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Apr 2022
(12 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22CS08S24422037

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.

Roll No: NPTEL22CS08S24422554

To
CHAPPA DIVYA SREE
D/NO:27-4-64/1,J-JUNCTION,KANITHI ROAD
OLD KARNAVANIPALEM , GAJUWAKA
VISAKHAPATNAM
ANDHRA PRADESH - 530026
PH. NO :8374761990



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

CHAPPA DIVYA SREE

for successfully completing the course

Data Analytics with Python

with a consolidated score of **72** %

Online Assignments	22.81/25	Proctored Exam	49.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **6359**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Apr 2022
(12 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No:NPTEL22CS08S24422554

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.

Roll No: NPTEL22CS08S24422653

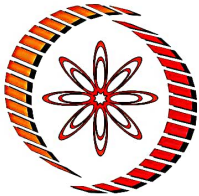
To
CHIMIRALA GREESHMA
NEAR VIKAS SCHOOL LANE LAST HOUSE
SARDA NAGAR NARSIPATNAM
VISHAKAPATNAM
ANDHRA PRADESH - 531116
PH. NO :7780335736



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 MoE, Govt. of India)



This certificate is awarded to

CHIMIRALA GREESHMA

for successfully completing the course

Data Analytics with Python

with a consolidated score of **52** %

Online Assignments	22.19/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **6359**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Apr 2022
(12 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No:NPTEL22CS08S24422653

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.

Roll No: NPTEL22CS52S44420963

To
CHIMIRALA GREESHMA
NEAR VIKAS SCHOOL LANE LAST HOUSE
SARDA NAGAR NARSIPATNAM
VISHAKAPATNAM
ANDHRA PRADESH - 531116
PH. NO :7780335736



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

CHIMIRALA GREESHMA

for successfully completing the course

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

with a consolidated score of **72** %

Online Assignments	25/25	Proctored Exam	47.45/75
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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: NPTEL22CS52S44420844

To
CHINTALA CHARITA
7-21, PRASANTA NAGAR, GOPALAPATNAM
OPPOSITE TO ADITYA DEGREE COLLEGE
VISAKHAPATNAM
ANDHRA PRADESH - 530027
PH. NO :6305798623



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

CHINTALA CHARITA

for successfully completing the course

Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **63** %

Online Assignments	25/25	Proctored Exam	38.27/75
--------------------	-------	----------------	----------

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: NPTEL22CS52S34420303

To
SAI BHAVITHA
SATHAVAHANA NAGAR KURMANNAPALEM
ROAD NO.1 SRI SAI ENCLAVE,FLAT NO.103
VISAKHAPATNAM
ANDHRA PRADESH - 530046
PH. NO :7730088873



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

SAI BHAVITHA

for successfully completing the course

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

with a consolidated score of **67** %

Online Assignments	25/25	Proctored Exam	42.39/75
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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: NPTEL22CS52S44420854

To
CHUKKA KEERTHI
2 TOWN POLICE STATION DOWN,30/8/33
BHANU STREETS, INCOME TAX OFFICE ROAD
VISAKHAPATNAM
ANDHRA PRADESH - 530020
PH. NO :9392955063



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

CHUKKA KEERTHI

for successfully completing the course

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

with a consolidated score of **67** %

Online Assignments	24.38/25	Proctored Exam	42.86/75
--------------------	----------	----------------	----------

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: NPTEL22CS08S24422511

To
CHUKKA KEERTHI
2 TOWN POLICE STATION DOWN,30/8/33
BHANU STREETS, INCOME TAX OFFICE ROAD
VISAKHAPATNAM
ANDHRA PRADESH - 530020
PH. NO :9392955063



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Complete
<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

CHUKKA KEERTHI

for successfully completing the course

Data Analytics with Python

with a consolidated score of **68** %

Online Assignments	21.25/25	Proctored Exam	46.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **6359**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Bombay

Jan-Apr 2022
(12 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Bombay

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

Roll No: NPTEL22CS52S44420574

To
DADI SWATHI
5-82/A, RAMALAYAM STREET
GAVARLA ANAKAPALLE VILLAGE, THOTADA POST
VISAKHAPATNAM
ANDHRA PRADESH - 531002
PH. NO :9390859597



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

DADI SWATHI

for successfully completing the course



Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **79** %

Online Assignments	25/25	Proctored Exam	53.57/75
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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: NPTEL22CS52S44420860

To
DAMMU YAMUNA
DOGGAVANIPALEM COLANY, PENDURTHI
VISAKHAPATNAM, ANDHRA PRADESH, INDIA
PENDURTHI
ANDHRA PRADESH - 531173
PH. NO :7382105848



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

DAMMU YAMUNA

for successfully completing the course

Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **60** %

Online Assignments	25/25	Proctored Exam	35.21/75
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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



Roll No:NPTEL22CS52S44420860

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.

Roll No: NPTEL22CS08S24422514

To
DAMMU YAMUNA
DOGGAVANIPALEM COLANY, PENDURTHI
VISAKHAPATNAM, ANDHRA PRADESH, INDIA
PENDURTHI
ANDHRA PRADESH - 531173
PH. NO :7382105848



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

DAMMU YAMUNA

for successfully completing the course

Data Analytics with Python

with a consolidated score of **60** %

Online Assignments	22.19/25	Proctored Exam	37.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **6359**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Apr 2022
(12 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL22CS52S44420908

To
EARNI NAGA VENKATA SATYA SAI TEJASWI
65-3-63/A/4, HANUMAN SANJEEVI COLONY
NEAR HANUMAN TEMPLE, VISAKHAPATNAM
VISAKHAPATNAM
ANDHRA PRADESH - 530011
PH. NO :9010413593



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

EARNI NAGA VENKATA SATYA SAI TEJASWI

for successfully completing the course

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

with a consolidated score of **66** %

Online Assignments	25/25	Proctored Exam	41.33/75
--------------------	-------	----------------	----------

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: NPTEL22CS08S24422587

To
EARNI NAGA VENKATA SATYA SAI TEJASWI
65-3-63/A/4, HANUMAN SANJEEVI COLONY
NEAR HANUMAN TEMPLE, VISAKHAPATNAM
VISAKHAPATNAM
ANDHRA PRADESH - 530011
PH. NO :9010413593



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

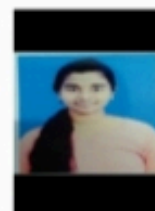
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

EARNI NAGA VENKATA SATYA SAI TEJASWI

for successfully completing the course

Data Analytics with Python

with a consolidated score of **65** %

Online Assignments	21.88/25	Proctored Exam	43.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **6359**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Apr 2022
(12 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No:NPTEL22CS08S24422587

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.

Roll No: NPTEL22CS52S34420111

To
GANDI MOUNIKA
PAYAKARAO BONANGI,VISAKHAPATNAM
ANDHRA PRADESH - 531021
PH. NO :9391744312



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

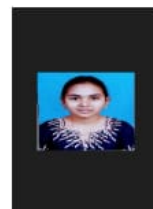
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

GANDI MOUNIKA

for successfully completing the course

Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **66** %

Online Assignments	25/25	Proctored Exam	40.76/75
--------------------	-------	----------------	----------

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: NPTEL22CS08S14420308

To
GANDI MOUNIKA
PAYAKARAO BONANGI,VISAKHAPATNAM
ANDHRA PRADESH - 531021
PH. NO :9391744312



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

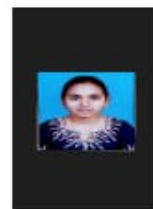
No. of credits recommended by NPTEL:3

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 MoE, Govt. of India)



This certificate is awarded to

GANDI MOUNIKA

for successfully completing the course

Data Analytics with Python

with a consolidated score of **53** %

Online Assignments	23.13/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **6359**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Apr 2022
(12 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL22CS08514420131

To
GAVRA KEERTHANA
KASTURINAGAR-2
KALASAPURAM KASTURINAGAR-2
VISAKHAPATNAM
VISAKHAPATNAM - 530024
PH. NO - 918874883376



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
GAVRA KEERTHANA
for successfully completing the course

Data Analytics with Python

with a consolidated score of **60 %**

Online Assignments	22.5/25	Proctored Exam	37.5/75
--------------------	---------	----------------	---------

Total number of candidates certified in this course: 6359

Prof. Sanjeev Mathias
Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Apr 2022
(12 week course)

Prof. Pali Maheshwari
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL22CS52S34420394

To
GAVARA SIVA SATYA SOWMYA PRIYA
2-4/1, NEAR PARIDESHIMAMBA TEMPLE
PEDHA NARAVA VILLAGE, NARAVA
VISAKHAPATNAM
ANDHRA PRADESH - 530027
PH. NO :9391792421



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 MoE, Govt. of India)



This certificate is awarded to

GAVARA SIVA SATYA SOWMYA PRIYA

for successfully completing the course

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

with a consolidated score of **55** %

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

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: NPTEL22CS52S44420986

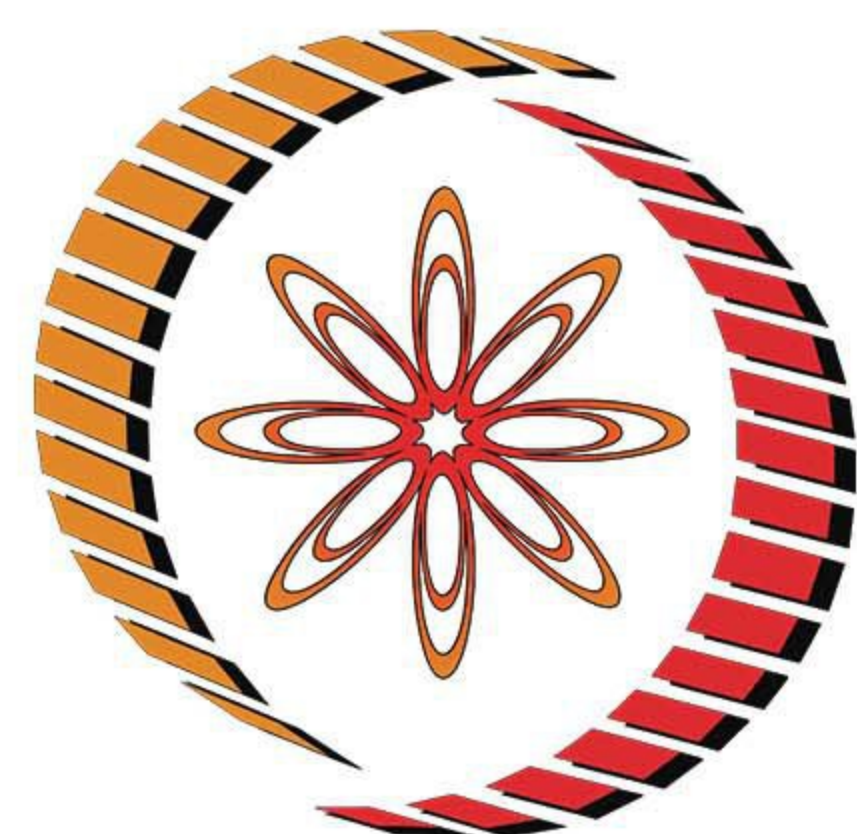
To
HARSHITA REDDY
10-13;DURGANAGAR 2ND LANE
GOPALPATNAM;NAD
VISAKHAPATNAM
ANDHRA PRADESH - 530029
PH. NO :8688807752



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

HARSHITA REDDY

for successfully completing the course

Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **69** %

Online Assignments	24.35/25	Proctored Exam	44.39/75
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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: NPTEL22CS52S44420955

To
GORLE MOHAN LAKSHMI
ADHIVARAM PETA, BALAGA POST, SRIKAKULAM
SRIKAKULAM
ANDHRA PRADESH - 532001
PH. NO :7601045386



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

GORLE MOHAN LAKSHMI

for successfully completing the course

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

with a consolidated score of **78** %



Online Assignments	24.78/25	Proctored Exam	53.57/75
--------------------	----------	----------------	----------

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: NPTEL22CS52S44430239

To
GUDIPUDI AISHWARYA
KONGAPADU ,ADDANKI ,PRAKASAM
ADDANKI
PRAKASAM DISTRICT
ANDHRA PRADESH - 523201
PH. NO :8688717921



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

GUDIPUDI AISHWARYA

for successfully completing the course

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

with a consolidated score of **77** %



Online Assignments	25/25	Proctored Exam	52.04/75
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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



Roll No:NPTEL22CS52S44430239

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

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

Roll No: NPTEL22CS08S24430669

To
GUDIPUDI AISHWARYA
KONGAPADU ,ADDANKI ,PRAKASAM
ADDANKI
PRAKASAM DISTRICT
ANDHRA PRADESH - 523201
PH. NO :8688717921



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 MoE, Govt. of India)



This certificate is awarded to

GUDIPUDI AISHWARYA

for successfully completing the course

Data Analytics with Python

with a consolidated score of **52** %

Online Assignments	22.19/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **6359**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Apr 2022
(12 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL22CS52S44420968

To
GUNTREDDY SRILEKHA
48-11-10,G-2, KOMAL ARCADE, ASHOK NAGAR
BESIDE MVS JEWELLERY, DWARAKA NAGAR
VISAKHAPATNAM
VIZAG - 530016
PH. NO :9390230587



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

GUNTREDDY SRILEKHA

for successfully completing the course

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

with a consolidated score of **72** %

Online Assignments	25/25	Proctored Exam	47.45/75
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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: NPTEL22CS52S44421010

To
JAMI CHANDINI
VASADI(VILL), VIZIANAGARAM(DISTRICT)
VASADI(VILL),VIZIANAGARAM(DISTRICT)
VIZIANAGARAM
ANDHRA PRADESH - 535160
PH. NO :9390438471



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

JAMI CHANDINI

for successfully completing the course

Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **71** %

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

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: NPTEL22CS52S44420865

To
JAYI DEEKSHIKA
KATTIVARM VILLAGE, PEDDA VEEDHI,
KANCHILI MANDALAM, SRIKAKULAM DISTRICT
VISHAKAPATNAM
ANDHRA PRADESH - 532290
PH. NO :8179389374



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

JAYI DEEKSHIKA

for successfully completing the course

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

with a consolidated score of **69** %

Online Assignments	24.78/25	Proctored Exam	44.39/75
--------------------	----------	----------------	----------

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: NPTEL22CS52S44420865

To
JAYI DEEKSHIKA
KATTIVARM VILLAGE, PEDDA VEEDHI,
KANCHILI MANDALAM, SRIKAKULAM DISTRICT
VISHAKAPATNAM
ANDHRA PRADESH - 532290
PH. NO :8179389374



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

JAYI DEEKSHIKA

for successfully completing the course

Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **69** %

Online Assignments	24.78/25	Proctored Exam	44.39/75
--------------------	----------	----------------	----------

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: NPTEL22CS52S44421034

To
KALAGA POORNISHA
D.NO:61-8-36, RAMAKRISHNAPURAM
MALKAPURAM POST
VISAKHAPATNAM
ANDHRA PRADESH - 530011
PH. NO :8688174275



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

KALAGA POORNISHA

for successfully completing the course

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

with a consolidated score of **66** %

Online Assignments	24.78/25	Proctored Exam	41.33/75
--------------------	----------	----------------	----------

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: NPTEL22CS52S44421062

To
KIRANMAI PATHIGILLI
D NO:18/101B,KOTHAVALASA,MAIN ROAD
PARVATHIPURAM, VIZIANAGARAM
VIZIANAGARAM
ANDHRA PRADESH - 535501
PH. NO :9390580315



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

KIRANMAI PATHIGILLI

for successfully completing the course

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

with a consolidated score of **63** %

Online Assignments	25/25	Proctored Exam	38.27/75
--------------------	-------	----------------	----------

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: NPTEL22CS52S44421067

To
KOLA HEMALATHA
D. NO: 11-23-7, AZEEMABAD, GAJUWAKA
GAJUWAKA, VISAKHAPATNAM
VISAKHAPATNAM
ANDHRA PRADESH - 530026
PH. NO :7993753199



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

KOLA HEMALATHA

for successfully completing the course

Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **65** %

Online Assignments	25/25	Proctored Exam	39.8/75
--------------------	-------	----------------	---------

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

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

Roll No: NPTEL22CS08S14420282

To
KOLUKULURI JHANSI MEGHAMALA
GAJUWAKA,VSP
GAJUWAKA,JUGJUNCTION,VAISHNAVI ENCLAVE
VISHAKHAPATNAM
ANDHRA PRADESH - 530044
PH. NO :8978557799



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

KOLUKULURI JHANSI MEGHAMALA

for successfully completing the course

Data Analytics with Python

with a consolidated score of **68** %

Online Assignments	20.31/25	Proctored Exam	48/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **6359**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Apr 2022
(12 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL22CS08S14420787

To
KONA SUSHMA DEVI
GOTTIPALLI, ANDAPURAM MANADALM
GOTTIPALLI, ANDAPURAM MANDALAM
VISHAKAPATANAM
ANDHRA PRADESH - 531219
PH. NO :9391241066



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
KONA SUSHMA DEVI
for successfully completing the course

Data Analytics with Python

with a consolidated score of **63** %

Online Assignments	22.81/25	Proctored Exam	40.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 6359

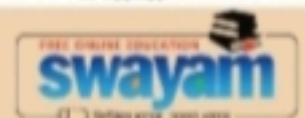
Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Apr 2022
(12 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee





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

Roll No: NPTEL22CS52S34420023
 To
 KORUPALA AISHWARYA
 H NO 1-1/9,PULGALIPALEM,PENDURTHI
 ANDHRA PRADESH - 521173
 PH. NO :8302160958



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

KORUPALA AISHWARYA

for successfully completing the course

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

with a consolidated score of **82** %

Online Assignments	25/25	Proctored Exam	57.07/75
--------------------	-------	----------------	----------

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



Roll No:NPTEL22CS52S34420023

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

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

Roll No: NPTEL22CS08S14420161

To
KORUPALA AISHWARYA
H NO 1-1/9,PULGALIPALEM,PENDURTHI
ANDHRA PRADESH - 531173
PH. NO :6302166968



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

KORUPALA AISHWARYA

for successfully completing the course

Data Analytics with Python

with a consolidated score of **63** %

Online Assignments	22.81/25	Proctored Exam	40.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **6359**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Apr 2022
(12 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL22CS08S14420163

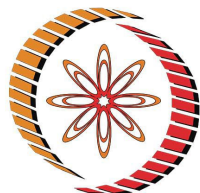
To
KOTANA LAKSHMI
1-47, NEAR RAMALAYAM
TEKKALI PALEM, SABBAVARAM
VISAKHAPATNAM
ANDHRA PRADESH - 531035
PH. NO :9100702672



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 MoE, Govt. of India)



This certificate is awarded to

KOTANA LAKSHMI

for successfully completing the course

Data Analytics with Python

with a consolidated score of **56** %

Online Assignments	23.13/25	Proctored Exam	33/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **6359**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Apr 2022
(12 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL22CS52S34420108

To
KOTHURU MONITHA
FLAT NO.402,PVR GRAND
SIMON NAGAR,KURMANNAPALEM
VISAKHAPATNAM
ANDHRA PRADESH - 530046
PH. NO :9866036077



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

KOTHURU MONITHA

for successfully completing the course

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

with a consolidated score of **67** %

Online Assignments	24.35/25	Proctored Exam	42.39/75
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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: NPTEL22CS52S34420026

To
KOTNI RAMYA SRI
11-134, SIMHACHALAM MAIN ROAD
NEAR MARUTHI KALYANAMANDAPAM
VISAKHAPATNAM
ANDHRA PRADESH - 530028
PH. NO :9014586837



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

KOTNI RAMYA SRI

for successfully completing the course

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

with a consolidated score of **67** %

Online Assignments	25/25	Proctored Exam	42.39/75
--------------------	-------	----------------	----------

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



Roll No:NPTEL22CS52S34420026

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.

Roll No: NPTEL22CS52S34420049

To

LAHARI PADMAVATHI ADARI
DR:30-55-20; GAVARA VEDHI RAMALAYAM
VADHALAPUDHI ; GAJUWAKA
VISHAAPATANAM
ANDHRA PRADHESH - 530046
PH. NO :9490449854



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 MoE, Govt. of India)



This certificate is awarded to

LAHARI PADMAVATHI ADARI

for successfully completing the course

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

with a consolidated score of **57** %

Online Assignments	24.78/25	Proctored Exam	32.61/75
--------------------	----------	----------------	----------

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: NPTEL22CS08S14420360

To
LALAM NIHAARIKA
DIBBAPALEM VILLAGE ATCHUTAPURAM MANDAL
ATCHUTAPURAM ,SAINAGAR
VISAKHAPATNAM
ANDHRA PRADESH - 531011
PH. NO :7013322320



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 MoE, Govt. of India)



This certificate is awarded to

LALAM NIHAARIKA

for successfully completing the course

Data Analytics with Python

with a consolidated score of **52** %

Online Assignments	21.88/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **6359**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Apr 2022
(12 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL22CS52S34420151

To
LALAM NIHAARIKA
DIBBPALEM VILLAGE ATCHUTAPURAM MANDAL
ATCHUTAPURAM ,SAINAGAR
VISAKHAPATNAM
ANDHRA PRADESH - 531011
PH. NO :7013322320



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

LALAM NIHAARIKA

for successfully completing the course

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

with a consolidated score of **72** %

Online Assignments	25/25	Proctored Exam	47.28/75
--------------------	-------	----------------	----------

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: NPTEL22CS52S34420106

To
MOKARA NISHITHA
51-13-11, NAKKAVANEPALEM
KRANTHI NAGAR, NEAR ENADHU
VISAKHAPATNAM
ANDHRA PRADESH - 530013
PH. NO :9346887334



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

MOKARA NISHITHA

for successfully completing the course

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

with a consolidated score of **60** %

Online Assignments	21.03/25	Proctored Exam	38.51/75
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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: NPTEL22CS52S34420089

To
MANISHA MAJHI
429-G, SEC-11, UKKUNAGARAM, VISAKHAPATNAM
ANDHRA PRADESH - 530032
PH. NO :9398551776



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

MANISHA MAJHI

for successfully completing the course

Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **69** %

Online Assignments	25/25	Proctored Exam	44.03/75
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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: NPTEL22CS52S34420181

To
MURAPALA PAVITRA
DNO:4-99,RAHADARI STREET
BAIRISARANAGAPURAM,MANDASA
SRIKAKULAM
ANDHRA PRADESH - 532242
PH. NO :7995912335



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

MURAPALA PAVITRA

for successfully completing the course

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

with a consolidated score of **63** %

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

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: NPTEL22CS08S14420403

To
MURAPALA PAVITRA
DNO:4-99,RAHADARI STREET
BAIRISARANAGAPURAM,MANDASA
SRIKAKULAM
ANDHRA PRADESH - 532242
PH. NO :7995912335



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 MoE, Govt. of India)



This certificate is awarded to

MURAPALA PAVITRA

for successfully completing the course

Data Analytics with Python

with a consolidated score of **53** %

Online Assignments	21.25/25	Proctored Exam	31.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **6359**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Apr 2022
(12 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL22CS52S34420132

To
NAMMI TANUSHA
50-7-34,NAIDU STREET,SEETHAMPETA
ANDHRA PRADESH - 530016
PH. NO :6300595675



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

NAMMI TANUSHA

for successfully completing the course

Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **69** %

Online Assignments	24.78/25	Proctored Exam	44.03/75
--------------------	----------	----------------	----------

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: NPTEL22CS08S14420333

To
NAMMI TANUSHA
50-7-34,NAIDU STREET,SEETHAMPETA
ANDHRA PRADESH - 530016
PH. NO :6300595675



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

NAMMI TANUSHA

for successfully completing the course

Data Analytics with Python

with a consolidated score of **61** %

Online Assignments	21.88/25	Proctored Exam	39/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **6359**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Apr 2022
(12 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL22CS52S34420096

To

N MARY ANILA
37-11-98/4, P.R.GARDENS, MURALINAGAR
ANDHRA PRADESH - 530007
PH. NO :8978971204



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

N MARY ANILA

for successfully completing the course

Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **60** %

Online Assignments	21/25	Proctored Exam	39.13/75
--------------------	-------	----------------	----------

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



Roll No:NPTEL22CS52S34420096

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.

Roll No: NPTEL22CS08S14420275

To

N MARY ANILA
37-11-98/4, P.R.GARDENS, MURALINAGAR
ANDHRA PRADESH - 530007
PH. NO :8978971204



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 MoE, Govt. of India)



This certificate is awarded to

N MARY ANILA

for successfully completing the course

Data Analytics with Python

with a consolidated score of **52** %

Online Assignments	19.06/25	Proctored Exam	33/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **6359**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Apr 2022
(12 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL22CS08S14420364

To
GAYATRI NIRUJOGI
6-37-4/6B1, LVNAGAR STREET NO 4, OLD GAJUWAKA
GAJUWAKA
VISAKHAPATNAM
ANDHRA PRADESH - 530026
PH. NO : 9014994778



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

GAYATRI NIRUJOGI

for successfully completing the course

Data Analytics with Python

with a consolidated score of **60** %

Online Assignments	17.81/25	Proctored Exam	42/75
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Total number of candidates certified in this course: **6359**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Apr 2022
(12 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee

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

Roll No: NPTEL22CS52S34420012

To
PAILA KAVYA
HOUSENO4-19,JAGANNADHAM STREET,PARAVADA
PARAVADA MANDAL
VISAKHAPATNAM
ANDHRA PRADESH - 531021
PH. NO :6309530567



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)



01-01-2021



This certificate is awarded to

PAILA KAVYA

for successfully completing the course

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

with a consolidated score of **77** %

Online Assignments	25/25	Proctored Exam	52.18/75
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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: NPTEL22CS52S34420481

To
PALADUGULA UMA SRI RAMYA
1-5A,CHIDIPI,KOVVURU
WEST GODAVARI,ANDHRAPRADESH,534350
VISHAKHAPATANAM
ANDHRAPRADESH - 534350
PH. NO :8247497028



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

PALADUGULA UMA SRI RAMYA

for successfully completing the course

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

with a consolidated score of **72** %

Online Assignments	25/25	Proctored Exam	47.28/75
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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: NPTEL22CS52S34420411

To
P SRIHITHA
VISHAKHAPATNAM
LANKELAPALEM
VISA KHAPATNAM
ANDHRA PRADESH - 531019
PH. NO :8465873135



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 MoE, Govt. of India)



This certificate is awarded to

P SRIHITHA

for successfully completing the course

Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **55** %

Online Assignments	24.56/25	Proctored Exam	30/75
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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



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Roll No: NPTEL22CS08S14420516

To

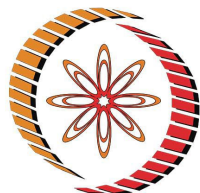
RAI DEVAYANI
DR.NO.:2-6, SIVASAINAGAR, PEDANARAVA
DR.NO.: 62-7-26/A, SRIHARIPURAM
VISAKHAPATNAM
ANDHRA PRADESH - 530027
PH. NO :8008021977



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 MoE, Govt. of India)



This certificate is awarded to

RAI DEVAYANI

for successfully completing the course

Data Analytics with Python

with a consolidated score of **52** %

Online Assignments	22.19/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **6359**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Apr 2022
(12 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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Roll No: NPTEL22CS52S34420243

To
RAI DEVAYANI
DR.NO.:2-6, SIVASAINAGAR, PEDANARAVA
DR.NO.: 62-7-26/A, SRIHARIPURAM
VISAKHAPATNAM
ANDHRA PRADESH - 530027
PH. NO :8008021977



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

RAI DEVAYANI

for successfully completing the course

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

with a consolidated score of **75** %



Online Assignments	25/25	Proctored Exam	49.91/75
--------------------	-------	----------------	----------

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



Roll No:NPTEL22CS52S34420243

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.

Roll No: NPTEL22CS52S34420175

To
RELANGI PAVANI
9-13/1
DHROMAMRAJU NAGAR, PENDURTHI
VISAKHAPATNAM
ANDHRA PRADESH - 531173
PH. NO :7875310176



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

RELANGI PAVANI

for successfully completing the course

Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **67** %

Online Assignments	25/25	Proctored Exam	42.39/75
--------------------	-------	----------------	----------

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



Roll No: NPTEL22CS52S34420175

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

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

Roll No: NPTEL22CS52S34420383

To
SANGARATHI LALITHA SNEHANJALI
43-21-32/A, VENKATARA JUNAGAR, DONDAPARTHY
BESIDE OM VIGNESWARA APARTMENTS
VISAKHAPATNAM
ANDHRA PRADESH - 530016
PH. NO : 9391047118



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

SANGARATHI LALITHA SNEHANJALI

for successfully completing the course

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

with a consolidated score of **66** %

Online Assignments	25/25	Proctored Exam	40.76/75
--------------------	-------	----------------	----------

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: NPTEL22CS08S14420700

To
SANGARATHI LALITHA SNEHANJALI
43-21-32/A, VENKATARA JUNAGAR, DONDAPARTHY
BESIDE OM VIGNESWARA APARTMENTS
VISAKHAPATNAM
ANDHRA PRADESH - 530016
PH. NO :9391047118



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 MoE, Govt. of India)



This certificate is awarded to

SANGARATHI LALITHA SNEHANJALI

for successfully completing the course

Data Analytics with Python

with a consolidated score of **53** %

Online Assignments	22.81/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **6359**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Apr 2022
(12 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL22CS52S34420461

To
SOMU TEJASHWINI
FLATNO-508,V V KRISHNA PARADISE
VADLAPUDI, VISAKHAPATNAM
VISAKHAPATNAM
ANDHRA PRADESH - 530046
PH. NO :8008818166



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

SOMU TEJASHWINI

for successfully completing the course

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

with a consolidated score of **72** %

Online Assignments	25/25	Proctored Exam	47.28/75
--------------------	-------	----------------	----------

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: NPTEL22CS52S34420063

To
UPPALA LIKHITHA
H NO:2-202, NEAR RAMALAYAM, RECHARLA
WEST GODAVARI DISTRICT, ANDHRA PRADESH
CHINTALAPUDI MANDAL
ANDHRA PRADESH - 534460
PH. NO :9347524346



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

UPPALA LIKHITHA

for successfully completing the course

Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **76** %



Online Assignments	25/25	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



Roll No: NPTEL22CS52S34420063

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.

Roll No: NPTEL22CS52S34420484

To
VADAPALLI SAHITHI
KURMANNAPALEM ROADNO:02,ARKPARADISE
KURMANNAPALEM, SATAVAHANAGAR ROAD NO:02
VISHAKHAPATANAM
ANDHRAPRADESH - 530046
PH. NO :917032823689



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

VADAPALLI SAHITHI

for successfully completing the course

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

with a consolidated score of **64** %

Online Assignments	24.56/25	Proctored Exam	39.13/75
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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



Roll No:NPTEL22CS52S34420484

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.

Roll No: NPTEL22CS08S14420611

To
SAI VAISHNAVI VARADA
BOOGULA VEEDHI
VAISHNAVI NILAYAM HUSNO (23-339)
PARVATHIPURAM
ANDHRAPRADESH - 535501
PH. NO :8106017052



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

SAI VAISHNAVI VARADA
for successfully completing the course



Data Analytics with Python

with a consolidated score of **83** %

Online Assignments	23.13/25	Proctored Exam	60/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **6359**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Apr 2022
(12 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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Roll No: NPTEL22CS08S14420892

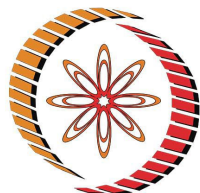
To
VETURU CHANDINI
RAJUPETA VILLAGE, KOTHA YELLEVARAN POST
GOLUGONDA MANDAL, NEAR NARSIPATNAM
VISAKHAPATNAM
ANDHRA PRADESH - 531116
PH. NO :9121396463



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

VETURU CHANDINI

for successfully completing the course

Data Analytics with Python

with a consolidated score of **63** %

Online Assignments	22.81/25	Proctored Exam	40.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **6359**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Apr 2022
(12 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL22CS52S34420340

To
VUDATHA SANTHOSHI
D:NO- 6-7 PITTAVANI PALEM
KALAPAKA POST PEDAGANTYADA MANDAL
VISAKHAPATNAM
ANDHRAPRADESH - 530031
PH. NO :9705719836



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

VUDATHA SANTHOSHI

for successfully completing the course

Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **66** %

Online Assignments	25/25	Proctored Exam	40.76/75
--------------------	-------	----------------	----------

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



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Roll No: NPTEL22CS52S44420774

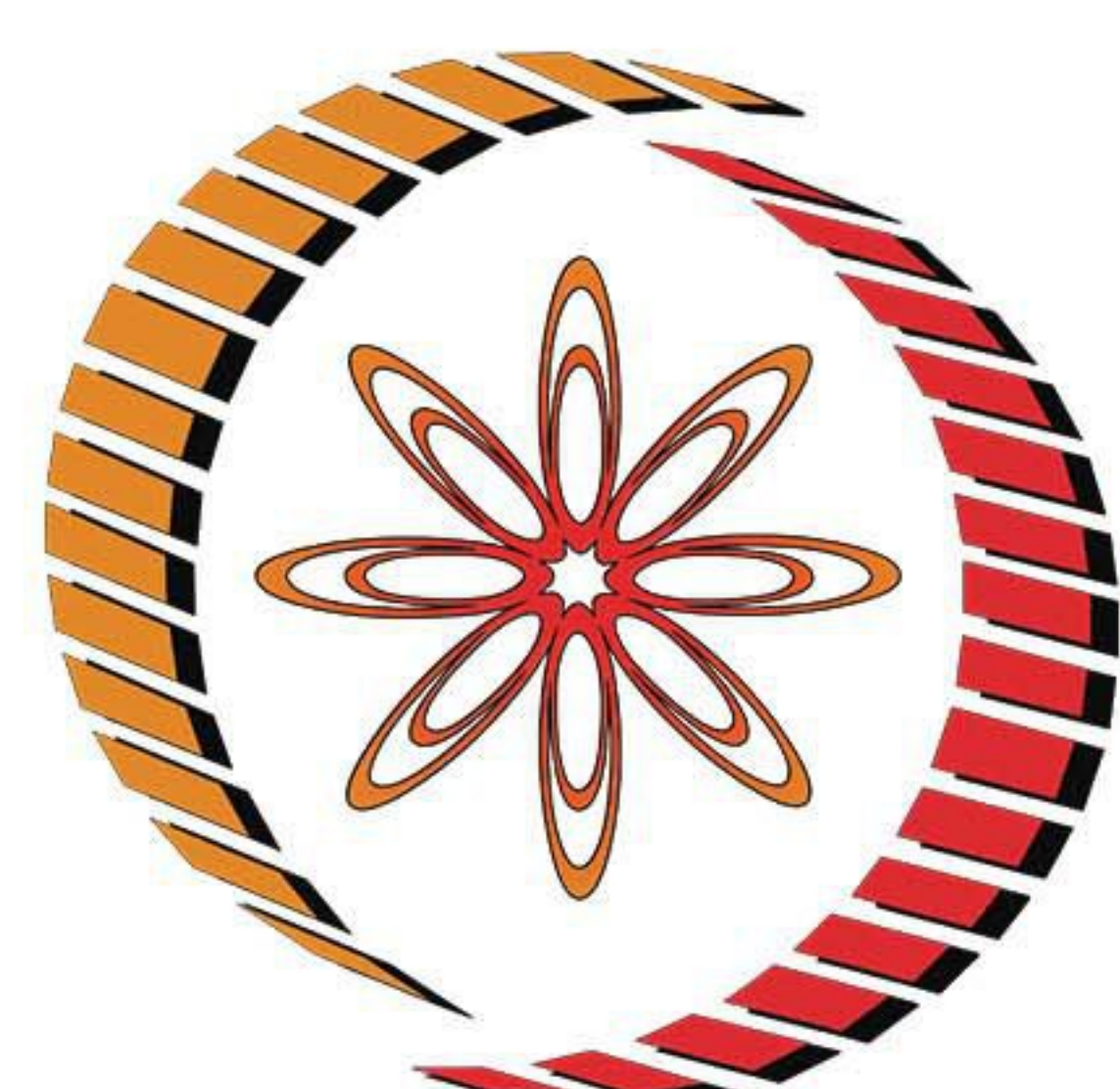
To
ADARI DEEPIKA
D.NO:22-108-13
CHAITANYA SCHOOL ROAD, PEDAGANTYADA
VISHAKAPATNAM
ANDHRA PRADESH - 530044
PH. NO :7330769636



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

ADARI DEEPIKA

for successfully completing the course

Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **66** %

Online Assignments	24.78/25	Proctored Exam	41.33/75
--------------------	----------	----------------	----------

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: NPTEL22CS52S34420014

To
ADARI KEERTHANA
DR NO:13-24-50,NEW GAJUWAKA,VSP, AP
ANDHRA PRADESH - 530026
PH. NO :8074735720



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

ADARI KEERTHANA

for successfully completing the course

Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **71** %

Online Assignments	25/25	Proctored Exam	45.65/75
--------------------	-------	----------------	----------

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



Roll No:NPTEL22CS52S34420014

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

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Roll No: NPTEL22CS08S14420129

To

ADARI KEERTHANA
DR NO:13-24-50,NEW GAJUWAKA,VSP, AP
ANDHRA PRADESH - 530026
PH. NO :8074735720



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

ADARI KEERTHANA

for successfully completing the course

Data Analytics with Python

with a consolidated score of **71** %

Online Assignments	22.81/25	Proctored Exam	48/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **6359**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Apr 2022
(12 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No:NPTEL22CS08S14420129

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

Scanned with CamScanner

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

Roll No: NPTEL22CS52S44420872

To
SIDIREDDY DEVAKI
D/O SIDIREDDY SATYARAO,1-1-19/1.
ANDHRAPRADESH - 531019
PH. NO :8555905622



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

SIDIREDDY DEVAKI

for successfully completing the course

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

with a consolidated score of **69** %

Online Assignments	25/25	Proctored Exam	44.39/75
--------------------	-------	----------------	----------

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

