



# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**KONGARA SAI SHASHANK**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **54** %

Online Assignments	24.06/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005652

To verify the certificate



No. of credits recommended: 3 or 4





**Elite**  
**NPTEL ONLINE CERTIFICATION**

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**MAMILLA SUSMITHA**  
for successfully completing the course



**Data Analytics with Python**

with a consolidated score of **60** %

Online Assignments	25/25	Proctored Exam	34.67/75
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Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247004702

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



*This certificate is awarded to*

**MAMILLAPALLI PRUDHVI VENKATA KRISHNA**

*for successfully completing the course*

**Data Analytics with Python**



*with a consolidated score of* **85** %

Online Assignments	25/25	Proctored Exam	59.69/75
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*Total number of candidates certified in this course:* **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005616

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



Skill India

कौशल भारत - कुशल भारत

This certificate is awarded to  
**J SAHIL VARDHAN GOUD**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **62** %

Online Assignments	25/25	Proctored Exam	36.74/75
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Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee







Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to  
**K SRUJAN KUMAR**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **69** %

Online Assignments	24.69/25	Proctored Exam	44.39/75
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Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247004616

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**SEETHARALA CHANDRABHANUPRASAD**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **80** %

Online Assignments	25/25	Proctored Exam	55.1/75
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Total number of candidates certified in this course: **10022**

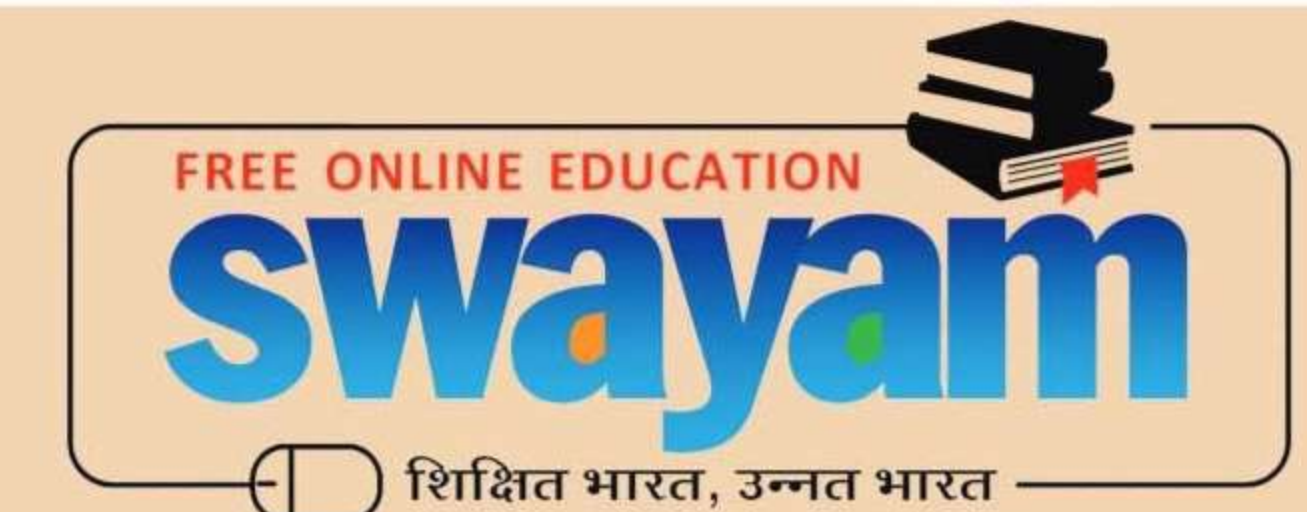
**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147002194

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**VENGALA AJAYNAG**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **85** %

Online Assignments	25/25	Proctored Exam	59.69/75
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Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147002182

To verify the certificate



No. of credits recommended: 3 or 4





# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**Y JAYANTH SURI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **54** %

Online Assignments	24.38/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247001071

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**KATI NAVI CHARAN**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **66** %

Online Assignments	25/25	Proctored Exam	41.33/75
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Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006485

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to

**SAMALLA POOJITHA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **67** %

Online Assignments	24.38/25	Proctored Exam	42.86/75
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Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006610

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to  
**MOTHE VAMSHIKRISHNA REDDY**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **69** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147004039

To verify the certificate



No. of credits recommended: 3 or 4





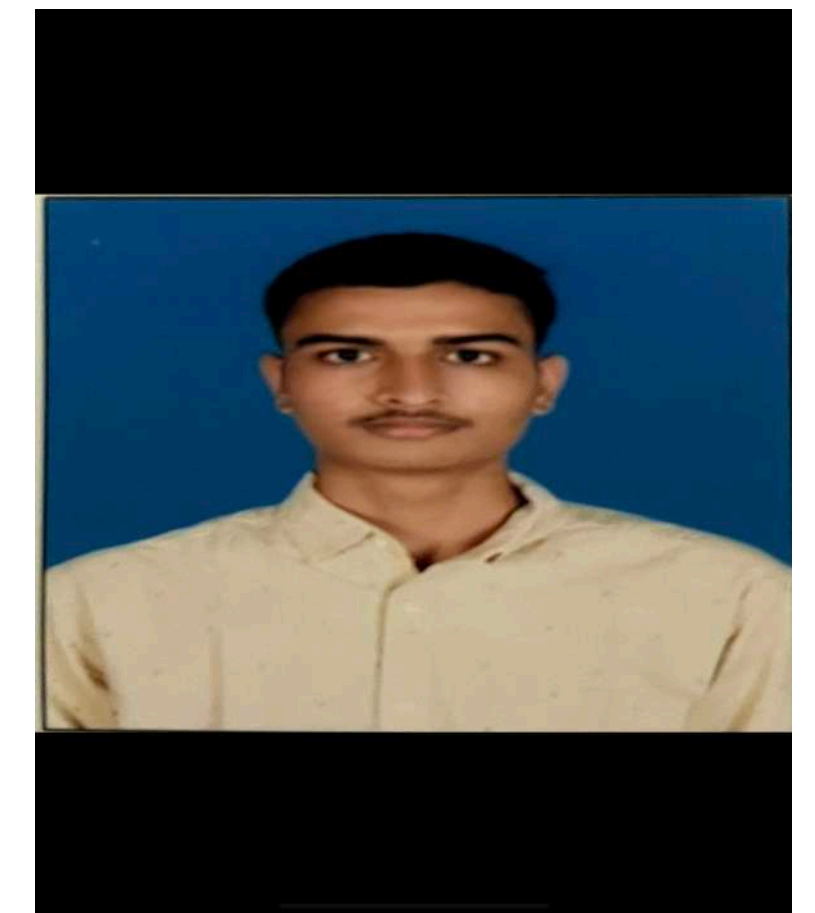
Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**VASUDEVA REDDY**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **67** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147004017

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**SOMURI SAI VARSHITH**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **71** %

Online Assignments	25/25	Proctored Exam	45.92/75
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Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006455

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



*This certificate is awarded to*

**HIMA VARSHITH PAREPALLI**

*for successfully completing the course*

**Data Analytics with Python**



*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:* **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147002092

To verify the certificate



No. of credits recommended: 3 or 4





# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**GAJAM SAKETH**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **58** %

Online Assignments	24.69/25	Proctored Exam	33.68/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006560

To verify the certificate



No. of credits recommended: 3 or 4





**Elite**  
**NPTEL ONLINE CERTIFICATION**

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**NALLA LAYASREE**  
for successfully completing the course

**Data Science for Engineers**

with a consolidated score of **60** %

Online Assignments	20.38/25	Proctored Exam	39.29/75
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Total number of candidates certified in this course: **4636**

**Prof. Andrew Thangaraj**

Chair

Centre for Outreach and Digital Education, IITM

**Jan-Mar 2025**

**(8 week course)**

**Prof. Vignesh Muthuvijayan**

NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL25CS20S447005279

To verify the certificate



No. of credits recommended: 2 or 3





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to

**KAPPI GANESH**

for successfully completing the course

**Data Analytics with Python**

with a consolidated score of **71** %

Online Assignments	25/25	Proctored Exam	45.92/75
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Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247003163

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**NAVATH AKANKSHA**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **71** %

Online Assignments	25/25	Proctored Exam	45.92/75
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Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247003201

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**MANCHALA GANESH**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **88** %

Online Assignments	25/25	Proctored Exam	62.75/75
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Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147002164

To verify the certificate



No. of credits recommended: 3 or 4





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# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to

**MANDEM AKSHAY**

for successfully completing the course

**Data Analytics with Python**



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: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147002128

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to

**MANTRI SOWMYA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **68** %

Online Assignments	25/25	Proctored Exam	42.86/75
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Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147003963

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**MARRI VINAY**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **75** %

Online Assignments	25/25	Proctored Exam	49.98/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247004631

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to  
**MECHINENI RAM KISHAN**  
for successfully completing the course



## Data Science for Engineers

with a consolidated score of **65** %

Online Assignments	24.21/25	Proctored Exam	41.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **3812**

**Prof. Andrew Thangaraj**

Chair

Centre for Outreach and Digital Education, IITM

**Jul-Sep 2024**

**(8 week course)**

**Prof. Vignesh Muthuvijayan**

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL24CS133S336802152

To verify the certificate



No. of credits recommended: 2 or 3





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**N HIMAJA SHIVANI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **65** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147002176

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



Skill India

कौशल भारत - कुशल भारत



This certificate is awarded to  
**PARUPALLI BHAVYA**  
for successfully completing the course

**Data Analytics with Python**

with a consolidated score of **63** %

Online Assignments	24.69/25	Proctored Exam	38.27/75
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Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee







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# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**RAVURI CHINMAY VENU KISHORE**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **92** %

Online Assignments	25/25	Proctored Exam	67.35/75
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Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247003195

To verify the certificate



No. of credits recommended: 3 or 4





# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**PALLAVI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **55** %

Online Assignments	24.69/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006569

To verify the certificate



No. of credits recommended: 3 or 4





# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**PALLAVI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **55** %

Online Assignments	24.69/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006569

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**S SHAKEER AHAMAD**

for successfully completing the course

**Data Analytics with Python**



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: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005626

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**SURUGU AKSHAYA**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **63** %

Online Assignments	25/25	Proctored Exam	38.27/75
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Total number of candidates certified in this course: **10022**

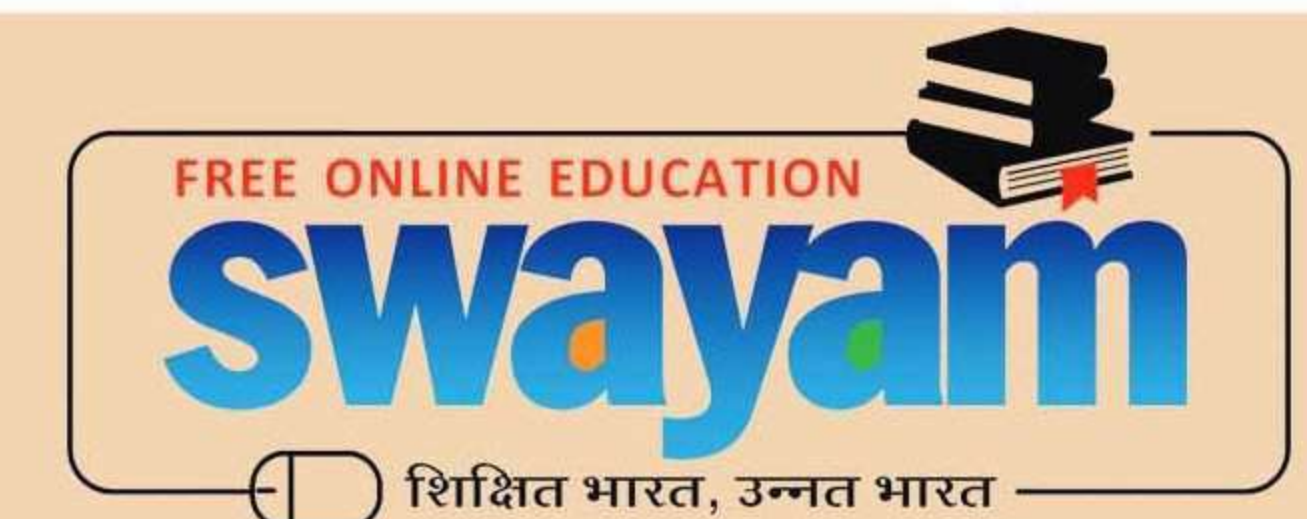
**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147002185

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SNEHA PADHI**

for successfully completing the course

**Data Analytics with Python**



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: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



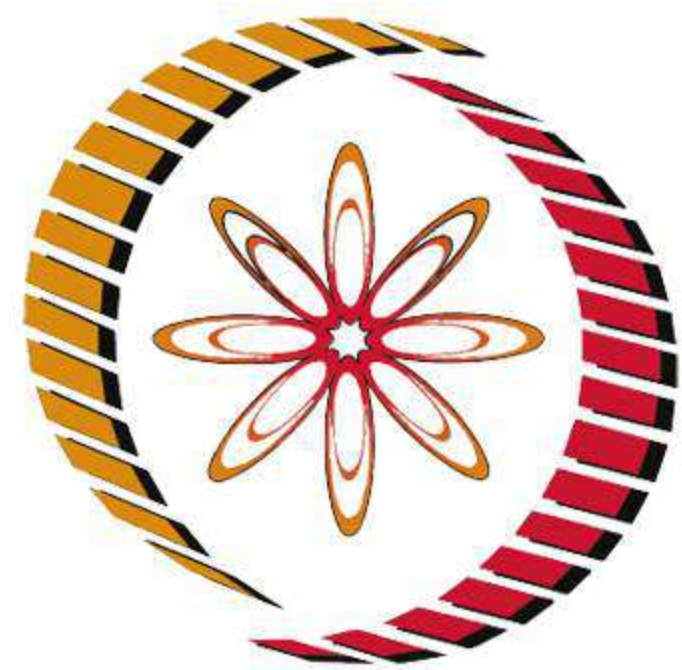
Roll No: NPTEL25CS17S1247006506

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत

This certificate is awarded to

**THOTA SREEJA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **71** %

Online Assignments	24.69/25	Proctored Exam	45.92/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147003965

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**VALA SREEYUTH**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **83** %

Online Assignments	25/25	Proctored Exam	58.16/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147004009

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to  
**VEMULA NIKHIL SOWMIK**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **71** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005555

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत

This certificate is awarded to  
**VIPUL CHETAN MEDABOINE**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **65** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147002152

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



Skill India

कौशल भारत - कुशल भारत

This certificate is awarded to

**VISHAL**

for successfully completing the course

**Data Analytics with Python**

with a consolidated score of **62** %

Online Assignments	25/25	Proctored Exam	36.74/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147002229

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to

**VAISHNAVI ADDLA**

for successfully completing the course

**Data Analytics with Python**

with a consolidated score of **63** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247004714

To verify the certificate



No. of credits recommended: 3 or 4





**Elite**

## **NPTEL ONLINE CERTIFICATION**

(Funded by the MoE, Govt. of India)



**Skill India**  
सक्षम भारत - सुवर्ण भारत

This certificate is awarded to

**SAIPRIYA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **66** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006620

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**ANKITH KUMAR SINGH**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **80** %

Online Assignments	25/25	Proctored Exam	55.1/75
--------------------	-------	----------------	---------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247003178

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to  
**ANUSHKA SUDHIR KUMAR**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **66** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247004652

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**AREDDULA JISHNU SAI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **86** %

Online Assignments	25/25	Proctored Exam	61.22/75
--------------------	-------	----------------	----------



Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147000518

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to

**ARMAN AHMED**

for successfully completing the course

**Data Analytics with Python**

with a consolidated score of **68** %

Online Assignments	24.69/25	Proctored Exam	42.86/75
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Total number of candidates certified in this course: **10022**

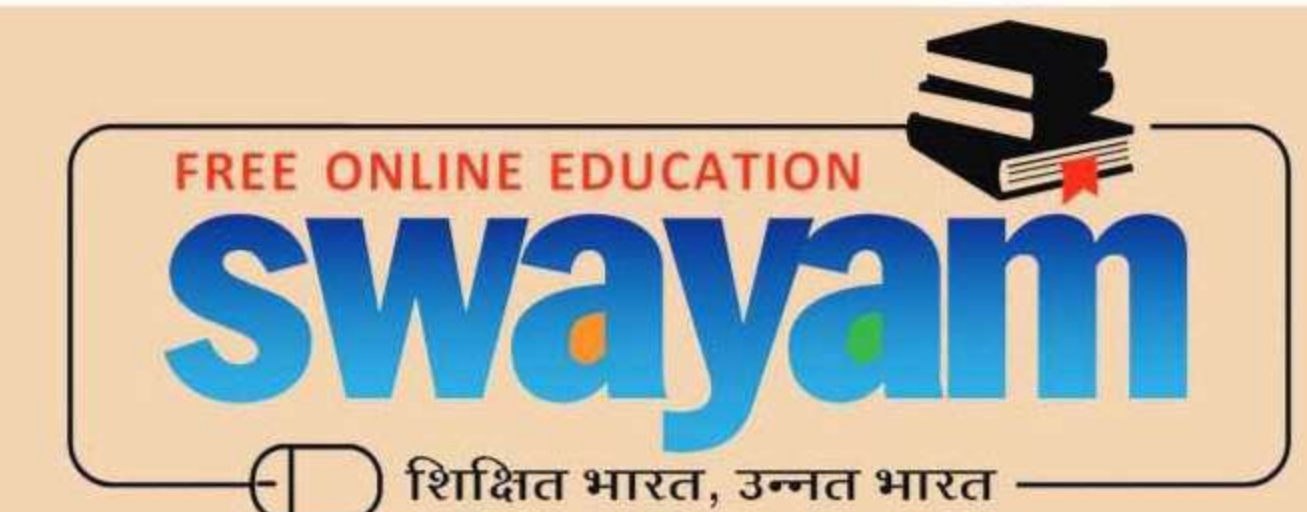
**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147002095

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत

This certificate is awarded to

**B ABHIJITH RAMPAL**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **65** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247008231

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**BANDI CHARISHMA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **72** %

Online Assignments	25/25	Proctored Exam	47.45/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147002227

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**BATHULA HONEY PRIYADARSHINI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **83** %

Online Assignments	25/25	Proctored Exam	58.16/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147002116

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to  
**BURUGU AVINASH**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **64** %

Online Assignments	24.69/25	Proctored Exam	39.8/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247002496

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to

**CHALLA MONISHA REDDY**

for successfully completing the course



**Data Analytics with Python**

with a consolidated score of **82** %

Online Assignments	25/25	Proctored Exam	56.63/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: 10022

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147000551

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**CHINTHA THARUN TEJA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **79** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147003973

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**DEVANSH KUMAR**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **79** %

Online Assignments	24.38/25	Proctored Exam	55.1/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147002206

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to

**G KARTHIKEYA REDDY**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **60** %

Online Assignments	25/25	Proctored Exam	35.21/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247001266

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



Skill India  
कौशल भारत - कुशल भारत

This certificate is awarded to

**GUDDETI SAINATH**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **72** %

Online Assignments	25/25	Proctored Exam	47.45/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006587

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**ISHAN JOSHI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **72** %

Online Assignments	25/25	Proctored Exam	47.45/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247001107

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

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**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to  
**JANNU RASHMI CHANDANA**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **71** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006548

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**KALEWAR SANNITHA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **81** %

Online Assignments	24.69/25	Proctored Exam	56.63/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005646

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**KALLEM SAHITHI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **82** %

Online Assignments	25/25	Proctored Exam	56.63/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006584

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत

This certificate is awarded to

**KANNA PRAVEEN**

for successfully completing the course

**Data Analytics with Python**

with a consolidated score of **84** %

Online Assignments	24.69/25	Proctored Exam	59.69/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005614

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**KATTA SRIVARDHAN SRI RANGAM SWAYAMBHU**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **69** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147004035

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**KAVALI VANDANA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **86** %

Online Assignments	25/25	Proctored Exam	61.22/75
--------------------	-------	----------------	----------



Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147003995

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**KANCHIREDDY SRIYA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **75** %

Online Assignments	25/25	Proctored Exam	49.98/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147003928

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to

**K YASASWI**

for successfully completing the course

**Data Analytics with Python**

with a consolidated score of **66** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247004688

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



*This certificate is awarded to*

**PULAGAM HITHENDRA SAINADH REDDY**

*for successfully completing the course*

**Data Analytics with Python**



*with a consolidated score of* **79** %

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

*Total number of candidates certified in this course:* **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147002237

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**SHAIK JANIPASHA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **77** %

Online Assignments	25/25	Proctored Exam	52.04/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



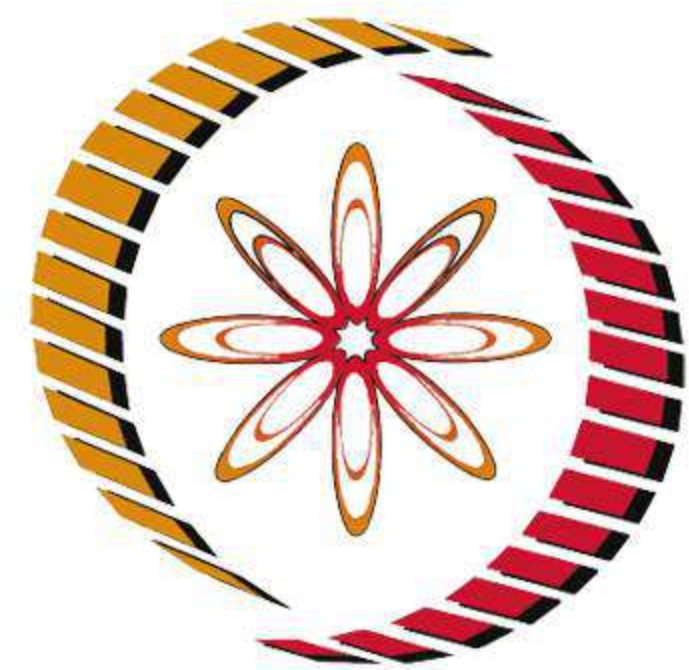
Roll No: NPTEL25CS17S1147000565

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to  
**ARJUN PRAVIN SHETTIGAR**  
for successfully completing the course



**Data Analytics with Python**

with a consolidated score of **86** %

Online Assignments	24.69/25	Proctored Exam	61.22/75
--------------------	----------	----------------	----------



Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147002104

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to  
**SIVAPURAM SAI TEHYA**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **62** %

Online Assignments	25/25	Proctored Exam	36.74/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005480

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**THIMMADI SREE KUMAR REDDY**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **75** %

Online Assignments	25/25	Proctored Exam	49.98/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247004604

To verify the certificate



No. of credits recommended: 3 or 4





# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**VADDE SATISH KUMAR**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **55** %

Online Assignments	24.69/25	Proctored Exam	30.62/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005591

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

*This certificate is awarded to*

**VELLAMCHETY NAGA SAI HARI PRIYA**

*for successfully completing the course*

**Data Analytics with Python**

*with a consolidated score of* **69** %

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

*Total number of candidates certified in this course:* **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006642

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**VUPPU SRI HARSHA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **91** %

Online Assignments	25/25	Proctored Exam	65.82/75
--------------------	-------	----------------	----------



Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247004589

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**YELLANKI EKANTHA SAI SUNDAR**  
for successfully completing the course



## Data Analytics with Python

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: **10022**

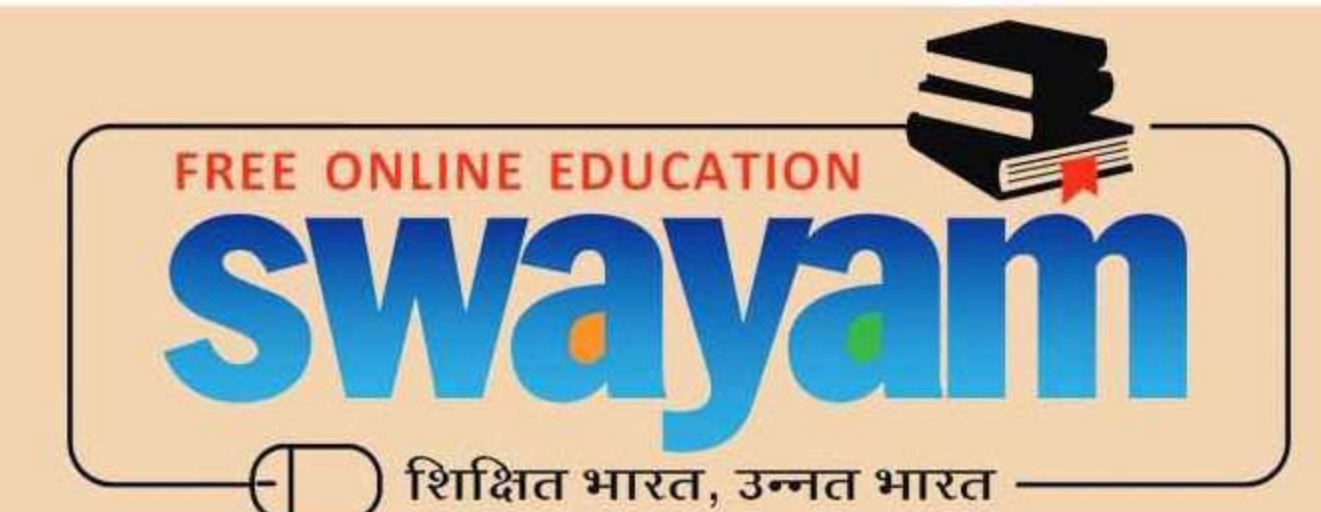
**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005662

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत

This certificate is awarded to

**YALAGAM HARSHITHA**

for successfully completing the course

**Data Analytics with Python**

with a consolidated score of **72** %

Online Assignments	25/25	Proctored Exam	47.45/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247003219

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**KAMATI SRAVANI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **77** %

Online Assignments	25/25	Proctored Exam	52.04/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247004674

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**MALLUPALLY DEEPIKA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **80** %

Online Assignments	25/25	Proctored Exam	55.1/75
--------------------	-------	----------------	---------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147002200

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**SATAKOLLA APOORVA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **81** %

Online Assignments	24.69/25	Proctored Exam	56.63/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247003184

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**RAM PRASAD**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **86** %

Online Assignments	24.69/25	Proctored Exam	61.22/75
--------------------	----------	----------------	----------



Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005658

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**DINESH RAGIPANI**

for successfully completing the course

**Data Analytics with Python**

with a consolidated score of **67** %

Online Assignments	24.38/25	Proctored Exam	42.86/75
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Total number of candidates certified in this course: **10022**

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

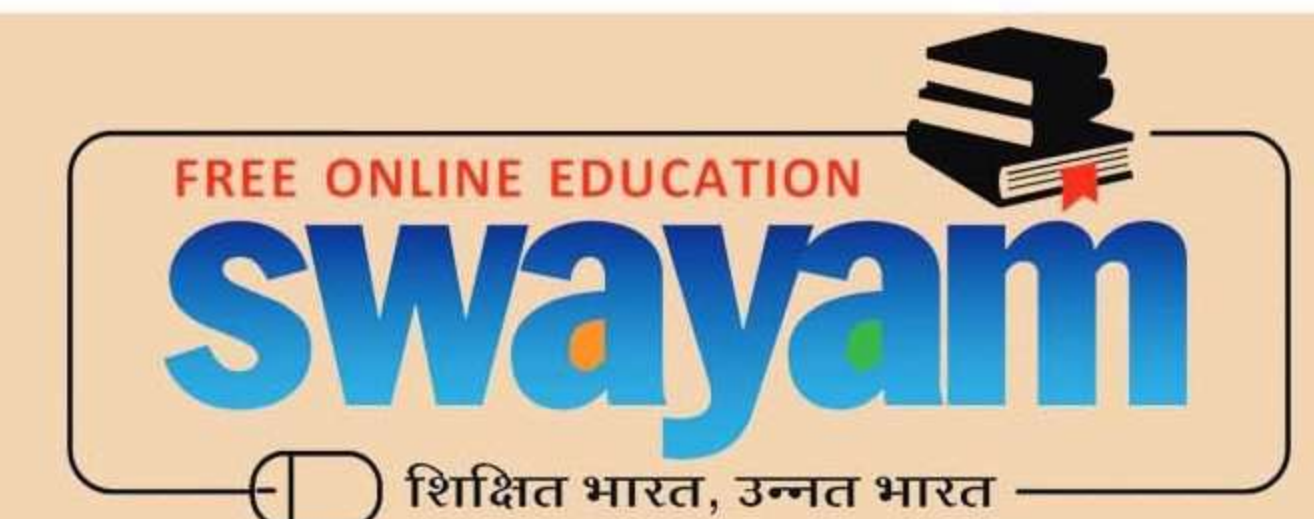
**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147002158

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**MD NOMAN HUSSAIN**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **90** %

Online Assignments	25/25	Proctored Exam	65.29/75
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Total number of candidates certified in this course: **10022**

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

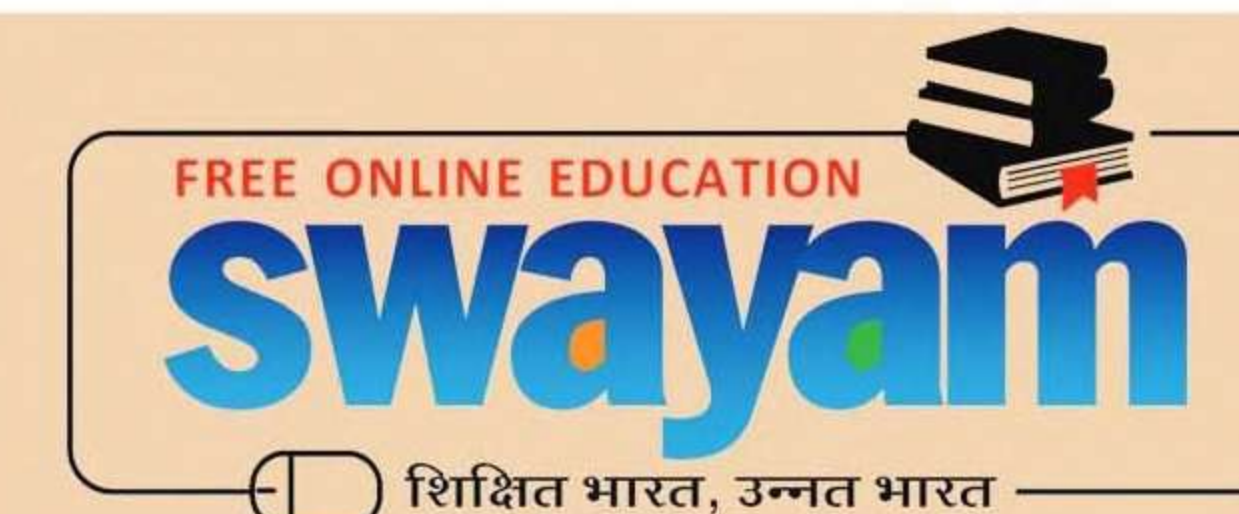
**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005522

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**SHYAMALA AKHILA**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **63** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



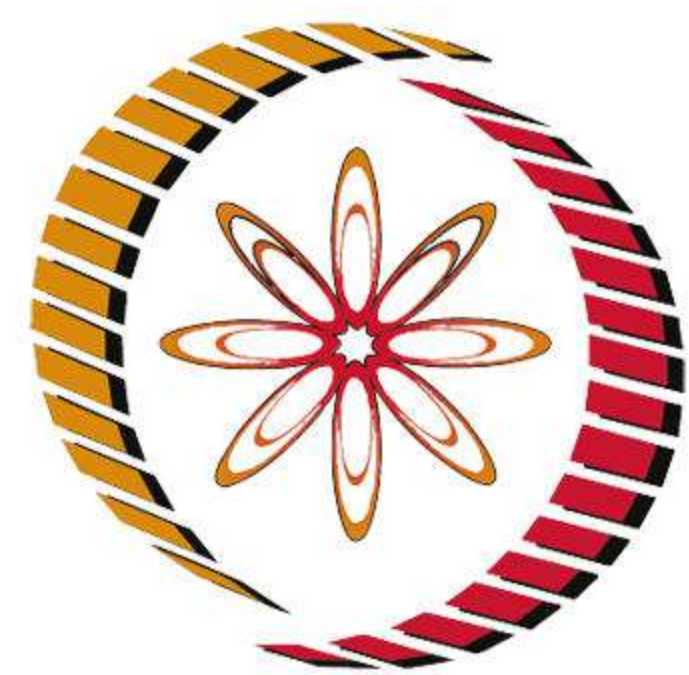
Roll No: NPTEL25CS17S1247003142

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**KANNE HARSHINI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **75** %

Online Assignments	25/25	Proctored Exam	49.98/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147002221

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**M SRI VAISHNAV**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **88** %

Online Assignments	25/25	Proctored Exam	62.75/75
--------------------	-------	----------------	----------



Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147003895

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**M SRI VAISHNAV**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **88** %

Online Assignments	25/25	Proctored Exam	62.75/75
--------------------	-------	----------------	----------



Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147003895

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत

This certificate is awarded to

**SMITHA**

for successfully completing the course

**Data Analytics with Python**

with a consolidated score of **80** %

Online Assignments	25/25	Proctored Exam	55.1/75
--------------------	-------	----------------	---------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147003961

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



*This certificate is awarded to*

**THUMMANAPELLI MALLIKARJUNA CHARY**

*for successfully completing the course*

**Data Analytics with Python**



*with a consolidated score of* **76** %

Online Assignments	25/25	Proctored Exam	50.51/75
--------------------	-------	----------------	----------

*Total number of candidates certified in this course:* **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147000575

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**JADHAV PRAGNYA**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **71** %

Online Assignments	24.69/25	Proctored Exam	45.92/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005606

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**JADHAV PRAGNYA**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **71** %

Online Assignments	24.69/25	Proctored Exam	45.92/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005606

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**ROHITH REDDY GADDAM**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **82** %

Online Assignments	25/25	Proctored Exam	56.63/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005582

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SUSANNA BHUKYA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **66** %

Online Assignments	25/25	Proctored Exam	41.33/75
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Total number of candidates certified in this course: **10022**

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

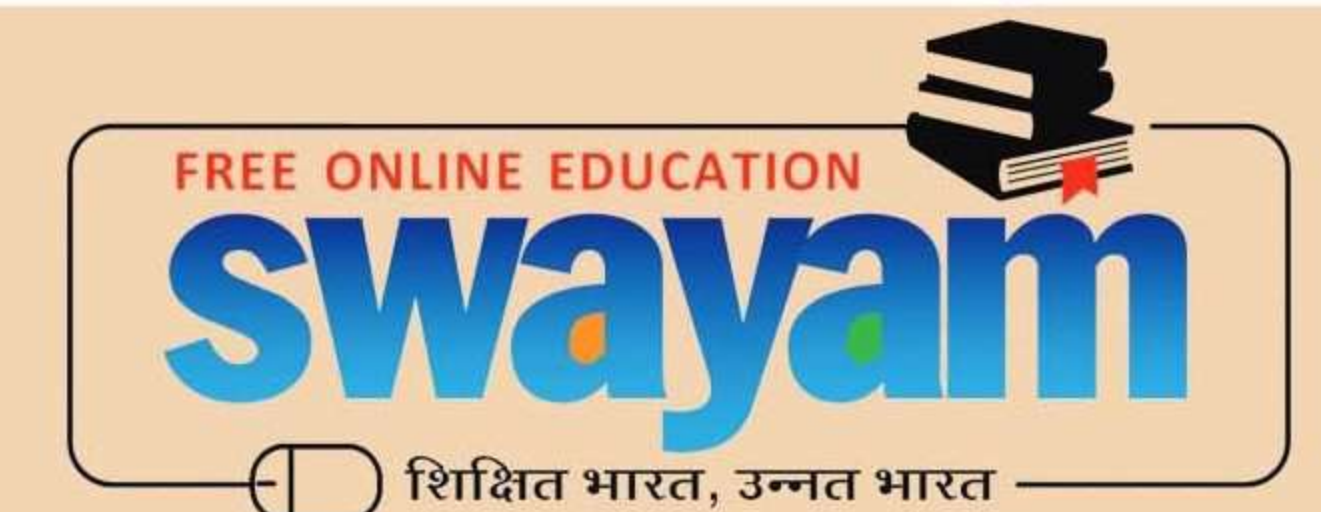
**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247004682

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**A HARSHITH REDDY**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **76** %

Online Assignments	25/25	Proctored Exam	50.51/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147000555

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**A HARSHITH REDDY**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **76** %

Online Assignments	25/25	Proctored Exam	50.51/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147000555

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**ANTHATI DIVYA SRI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **82** %

Online Assignments	25/25	Proctored Exam	56.63/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147002113

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to  
**BALUSUKULA SRAVAN KUMAR**  
for successfully completing the course



**Data Analytics with Python**

with a consolidated score of **75** %

Online Assignments	24.69/25	Proctored Exam	49.98/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247004640

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



*This certificate is awarded to*

**BALUSUKULA SRAVAN KUMAR**

*for successfully completing the course*

**Data Analytics with Python**



*with a consolidated score of* **75** %

Online Assignments	24.69/25	Proctored Exam	49.98/75
--------------------	----------	----------------	----------

*Total number of candidates certified in this course:* **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247004640

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



*This certificate is awarded to*

**BALUSUKULA SRAVAN KUMAR**

*for successfully completing the course*

**Data Analytics with Python**



*with a consolidated score of* **75** %

Online Assignments	24.69/25	Proctored Exam	49.98/75
--------------------	----------	----------------	----------

*Total number of candidates certified in this course:* **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247004640

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**CHIMIRALA BHANU UDHAY**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **60** %

Online Assignments	25/25	Proctored Exam	34.67/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247003133

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**GANDLA KARTHIK**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **76** %

Online Assignments	25/25	Proctored Exam	50.51/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147000539

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**POTU ARYA VARDHAN**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **75** %

Online Assignments	25/25	Proctored Exam	49.98/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247003221

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**KAMISSETTY MANJU SRI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **76** %

Online Assignments	25/25	Proctored Exam	50.51/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147000509

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**KAMISSETTY MANJU SRI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **76** %

Online Assignments	25/25	Proctored Exam	50.51/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147000509

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to

**M SRI NAVYA**

for successfully completing the course

**Data Analytics with Python**

with a consolidated score of **75** %

Online Assignments	25/25	Proctored Exam	49.98/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247004586

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to  
**PAIDIPELLI PAVAN KALYAN**  
for successfully completing the course



**Data Analytics with Python**

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: **10022**

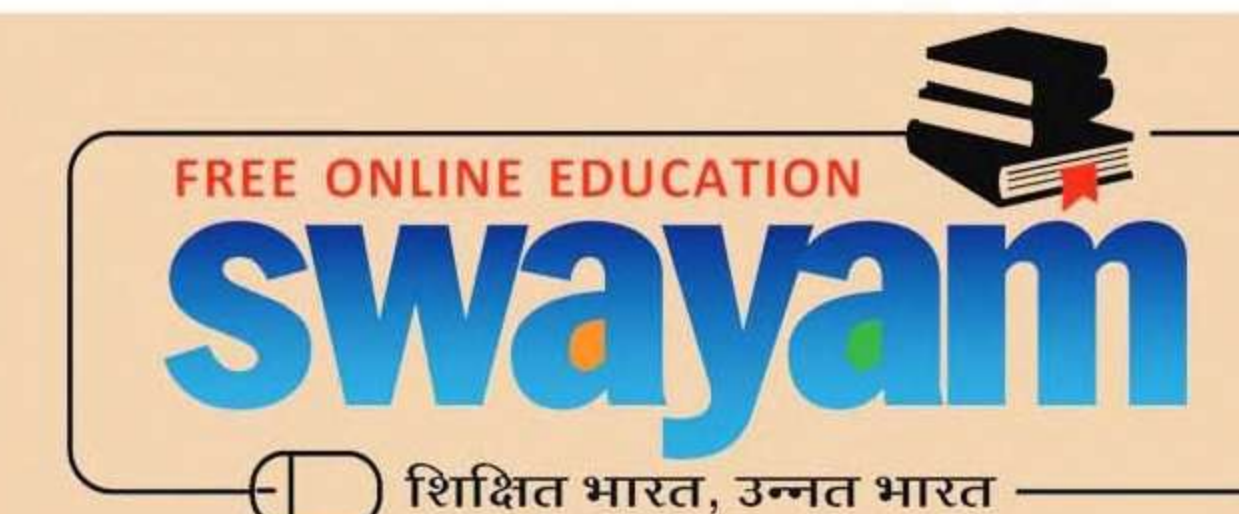
**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005525

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**VARUN ANSHUL**

for successfully completing the course

**Data Analytics with Python**

with a consolidated score of **72** %

Online Assignments	25/25	Proctored Exam	47.45/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147002137

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

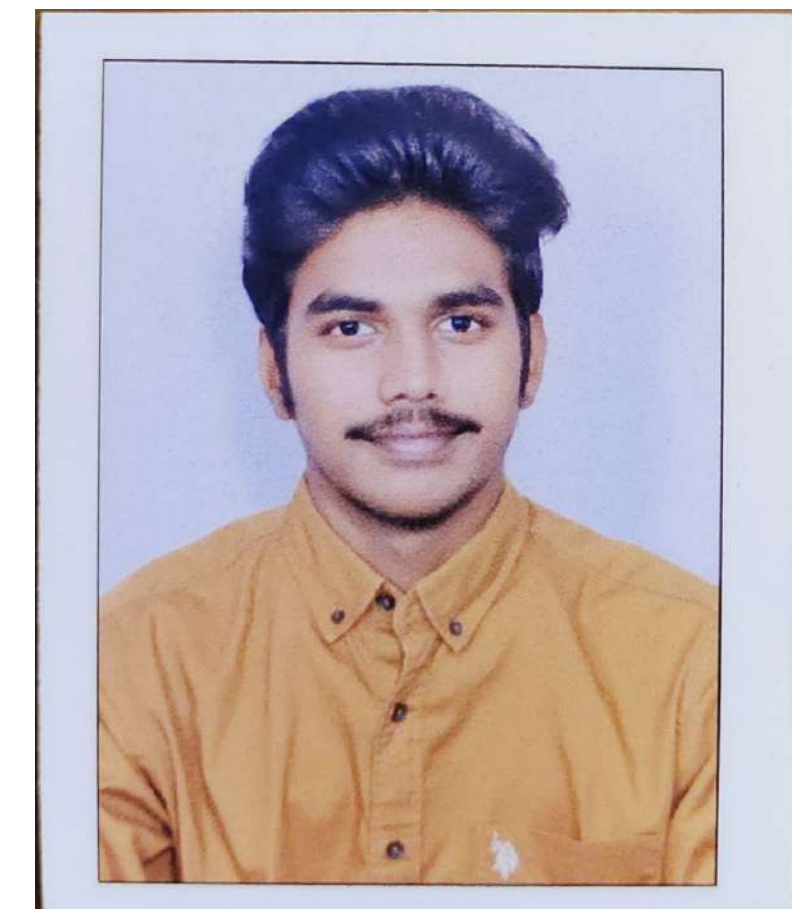
(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to  
**NUKALA NAGA KETHAN SAI**  
for successfully completing the course



**Data Analytics with Python**

with a consolidated score of **77** %

Online Assignments	25/25	Proctored Exam	52.04/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147000524

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

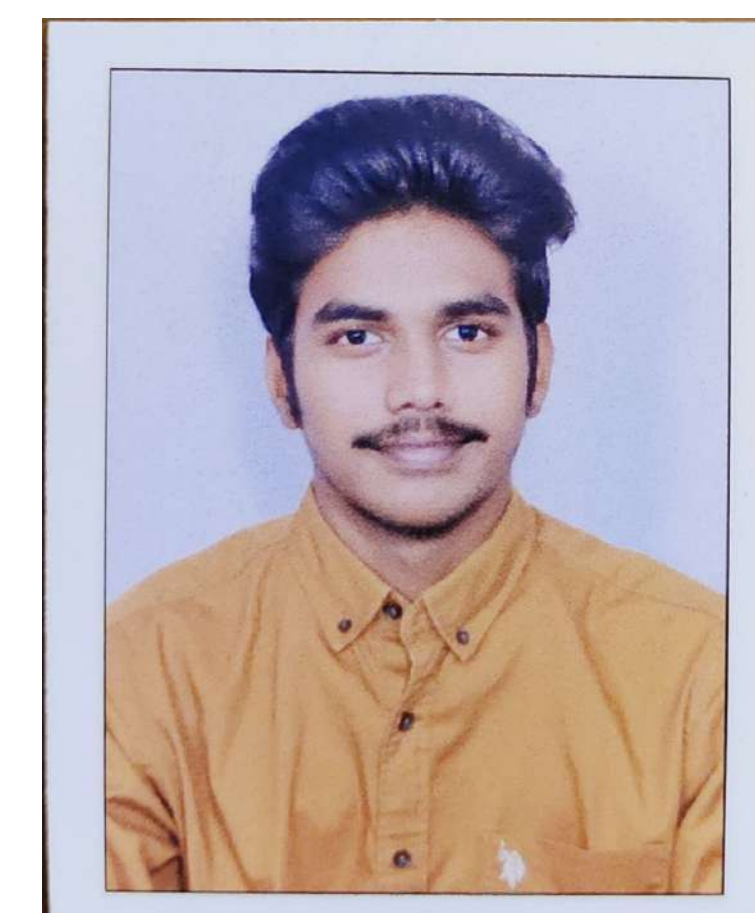
(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to  
**NUKALA NAGA KETHAN SAI**  
for successfully completing the course



**Data Analytics with Python**

with a consolidated score of **77** %

Online Assignments	25/25	Proctored Exam	52.04/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147000524

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

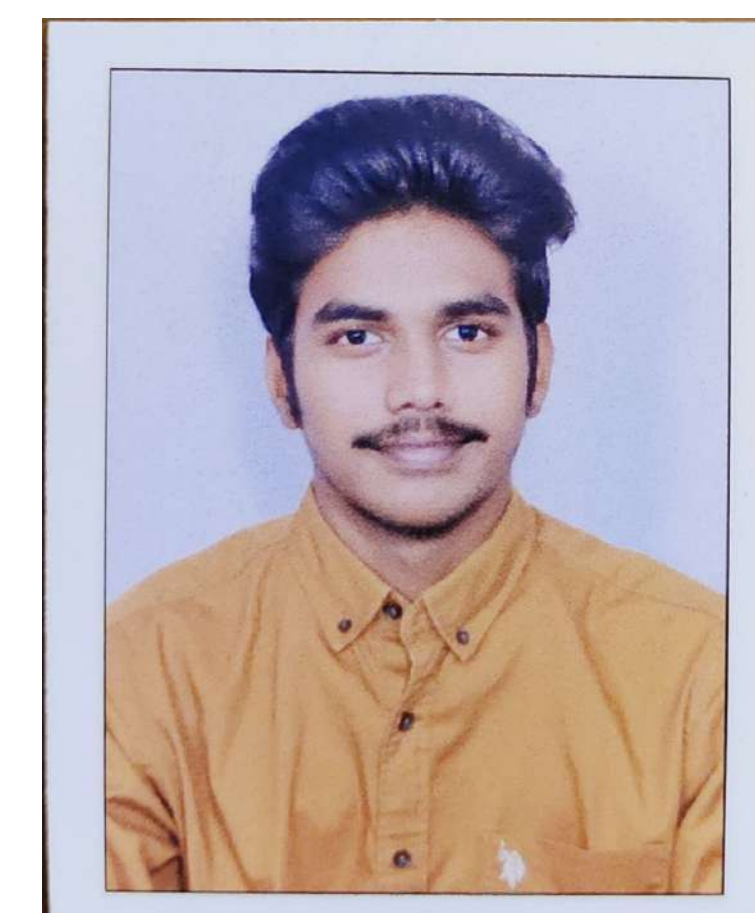
(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to  
**NUKALA NAGA KETHAN SAI**  
for successfully completing the course



**Data Analytics with Python**

with a consolidated score of **77** %

Online Assignments	25/25	Proctored Exam	52.04/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147000524

To verify the certificate



No. of credits recommended: 3 or 4





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# NPTEL ONLINE CERTIFICATION

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**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to

**AYUSH SINGH**

for successfully completing the course

**Data Analytics with Python**

with a consolidated score of **83** %

Online Assignments	25/25	Proctored Exam	58.16/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147002107

To verify the certificate



No. of credits recommended: 3 or 4





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# NPTEL ONLINE CERTIFICATION

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**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to  
**NAMPALLY NAMISH VARMA**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **83** %

Online Assignments	25/25	Proctored Exam	58.16/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005549

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to

**SREESHMA PAPPU**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **65** %

Online Assignments	25/25	Proctored Exam	39.8/75
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Total number of candidates certified in this course: **10022**

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

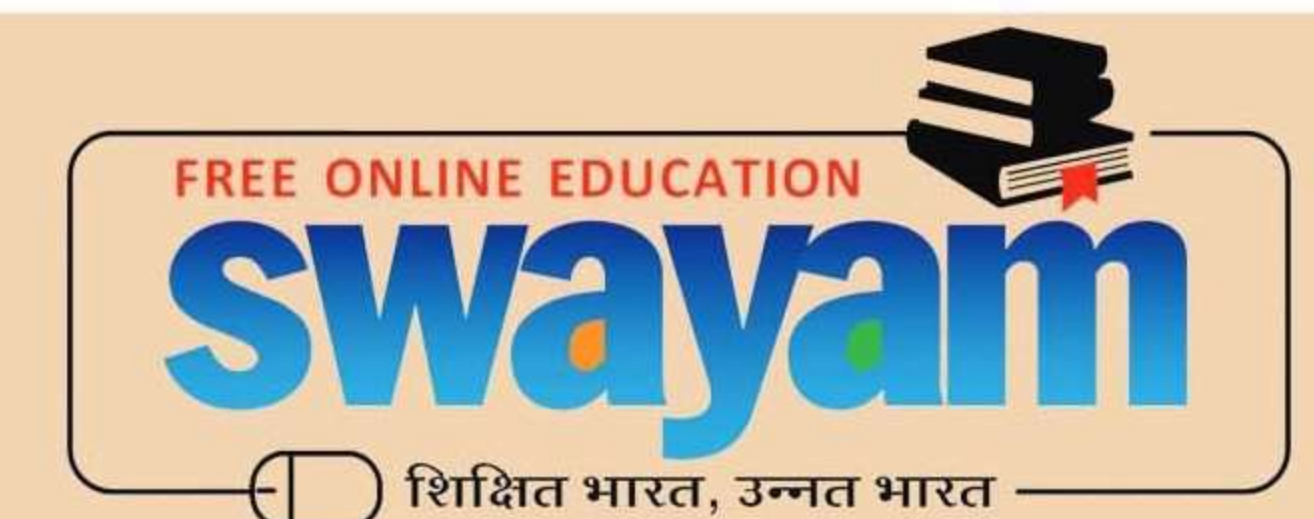
**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247004696

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**MANGA SINDUJA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **66** %

Online Assignments	24.69/25	Proctored Exam	41.33/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247004670

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to  
**SIDDHARTH MAHESH BALIJEPALLY**  
for successfully completing the course



**Data Analytics with Python**

with a consolidated score of **76** %

Online Assignments	25/25	Proctored Exam	50.51/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247004704

To verify the certificate



No. of credits recommended: 3 or 4





**Elite**

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to  
**K SHASHIREKHA**  
for successfully completing the course

## Data Analytics with Python

with a consolidated score of **75** %

Online Assignments	25/25	Proctored Exam	49.98/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006640

To verify the certificate



No. of credits recommended: 3 or 4





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# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**BADDARAM SURYA TEJA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **85** %

Online Assignments	25/25	Proctored Exam	59.69/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147003940

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to  
**JISHNU SANKAR CHENNUPALLI**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **60** %

Online Assignments	25/25	Proctored Exam	34.67/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247001212

To verify the certificate



No. of credits recommended: 3 or 4





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# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**ROHITH REDDY GADDAM**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **82** %

Online Assignments	25/25	Proctored Exam	56.63/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005582

To verify the certificate



No. of credits recommended: 3 or 4





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# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**GADUSU RAJYALAXMI**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **63** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006638

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**GADUSU RAJYALAXMI**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **63** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006638

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**JANUGAM PREETHAM**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **81** %

Online Assignments	24.69/25	Proctored Exam	56.63/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005640

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**K SAI SHARAN**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **71** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006458

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**KANNE HARSHINI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **75** %

Online Assignments	25/25	Proctored Exam	49.98/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147002221

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**KANTHALI DHRUVAN**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **79** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147002213

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to  
**KASANAGOTTU UTHKARSH**  
for successfully completing the course



**Data Analytics with Python**

with a consolidated score of **80** %

Online Assignments	25/25	Proctored Exam	55.1/75
--------------------	-------	----------------	---------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147004013

To verify the certificate



No. of credits recommended: 3 or 4





**Elite**

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to  
**KASIREDDY TEJASWINI REDDY**  
for successfully completing the course

**Data Analytics with Python**

with a consolidated score of **77** %

Online Assignments	25/25	Proctored Exam	52.04/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247004710

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**MD NOMAN HUSSAIN**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **90** %

Online Assignments	25/25	Proctored Exam	65.29/75
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Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005522

To verify the certificate



No. of credits recommended: 3 or 4





**Elite**

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to  
**KURREMLA NIKITHA**  
for successfully completing the course

## Data Analytics with Python

with a consolidated score of **75** %

Online Assignments	25/25	Proctored Exam	49.98/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005596

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to

**M CHAITHRA**

for successfully completing the course

**Data Analytics with Python**

with a consolidated score of **91** %

Online Assignments	25/25	Proctored Exam	65.82/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147002217

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**MOLUGU SHIVA KUMAR**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **75** %

Online Assignments	24.69/25	Proctored Exam	50.51/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005543

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**MUDDINENI MOKSHITH NAIDU**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **70** %

Online Assignments	24.06/25	Proctored Exam	45.92/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247001257

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to  
**NAMPALLY NAMISH VARMA**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **83** %

Online Assignments	25/25	Proctored Exam	58.16/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005549

To verify the certificate



No. of credits recommended: 3 or 4





# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**NITTALA MADHU SAMHITHA**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **56** %

Online Assignments	25/25	Proctored Exam	30.62/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247001203

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**PAPINENI DIVYA SREE**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **62** %

Online Assignments	25/25	Proctored Exam	36.74/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247003139

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to

**HATANGDE ANIL**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **68** %

Online Assignments	24.69/25	Proctored Exam	42.86/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

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

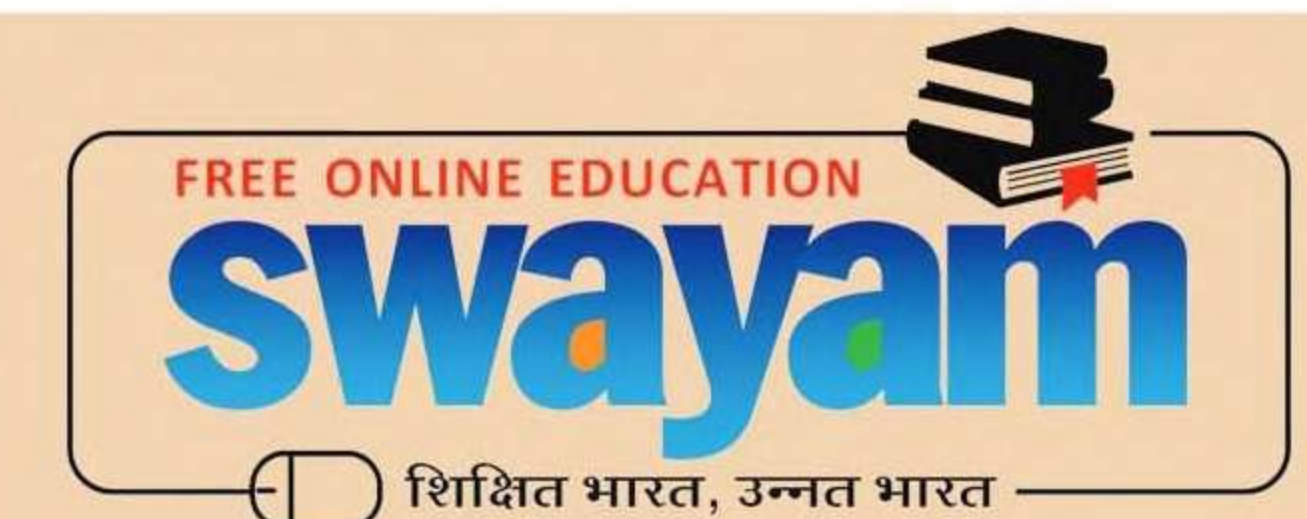
**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247003115

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to

**HATANGDE ANIL**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **68** %

Online Assignments	24.69/25	Proctored Exam	42.86/75
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Total number of candidates certified in this course: **10022**

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

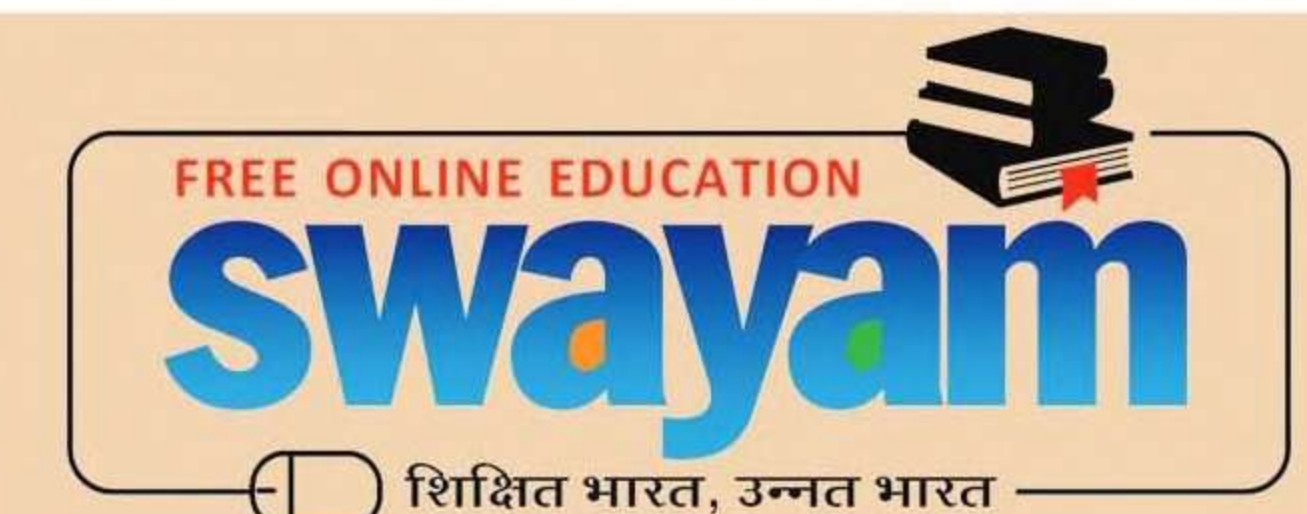
**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247003115

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**K ROHIT SAI CHANDRA**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **60** %

Online Assignments	25/25	Proctored Exam	34.67/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005537

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत

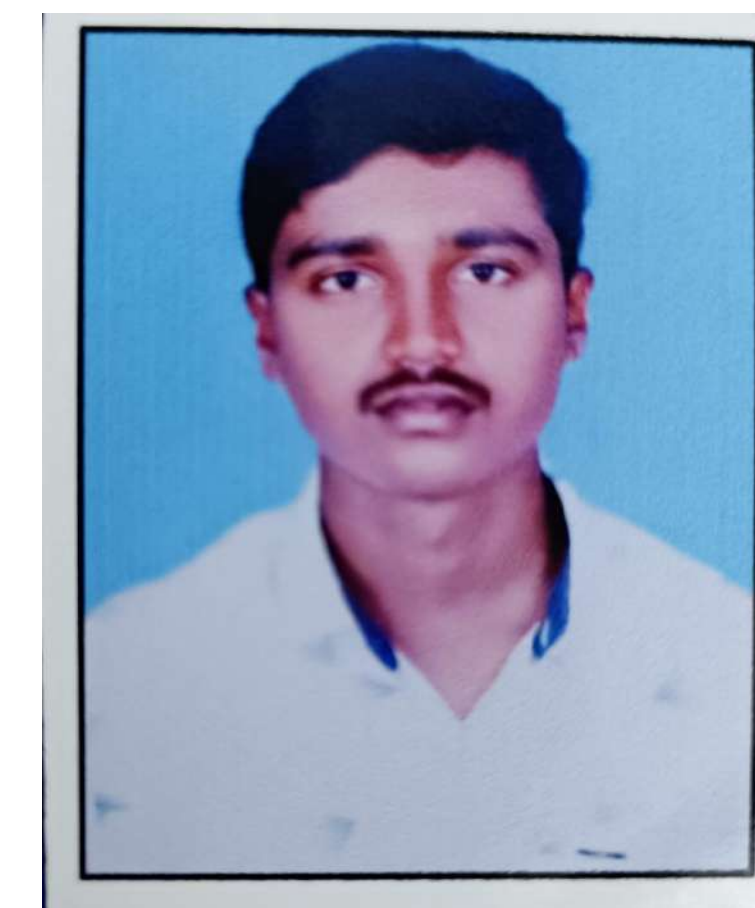


This certificate is awarded to

**SAHITH MASNA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **84** %

Online Assignments	24.69/25	Proctored Exam	59.69/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005588

To verify the certificate



No. of credits recommended: 3 or 4





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# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**MENDRU RAM KOUSHIK**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **76** %

Online Assignments	25/25	Proctored Exam	50.51/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005666

To verify the certificate



No. of credits recommended: 3 or 4





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# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**NENAVATH VYSHNAVI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **88** %

Online Assignments	25/25	Proctored Exam	62.75/75
--------------------	-------	----------------	----------



Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147004021

To verify the certificate



No. of credits recommended: 3 or 4





# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**PYATA PRAGNITH**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **55** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006612

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**REPALA SAI BHARATH**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **79** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005483

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**VOLLURU SRIKAR**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **77** %

Online Assignments	25/25	Proctored Exam	52.04/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247004643

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to  
**VALUPALI KARTHIK KUMAR**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **68** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247001227

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**M SAIVARSHIT**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **69** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147003999

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to  
**YENUMULA SIDDHARTHA**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **80** %

Online Assignments	25/25	Proctored Exam	55.1/75
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Total number of candidates certified in this course: **10022**

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

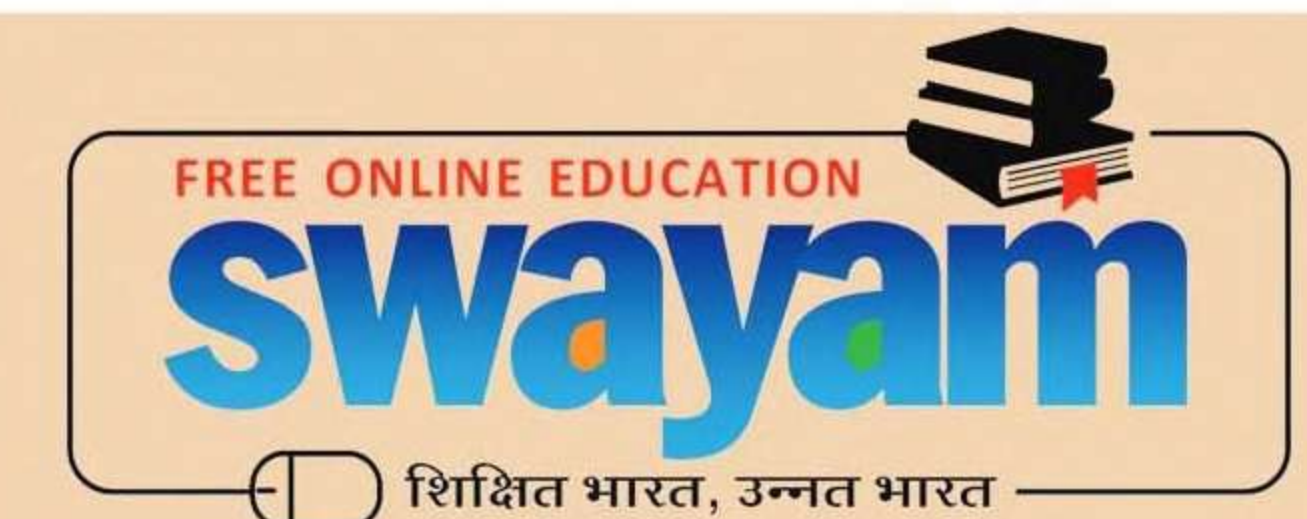
**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247004716

To verify the certificate



No. of credits recommended: 3 or 4





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# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**PRANALEE JIWANE**

for successfully completing the course

**Data Analytics with Python**

with a consolidated score of **69** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147000521

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**GADDI SAI KRISHNA**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **60** %

Online Assignments	25/25	Proctored Exam	34.67/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006461

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**TUPPALI VAISHNAVI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **80** %

Online Assignments	25/25	Proctored Exam	55.1/75
--------------------	-------	----------------	---------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147004029

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to  
**VALLABHANENI HARSHITHASAI**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **81** %

Online Assignments	24.38/25	Proctored Exam	56.63/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147002241

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**TSG ABHINAV**

for successfully completing the course

**Data Analytics with Python**

with a consolidated score of **66** %

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

Total number of candidates certified in this course: **10022**

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

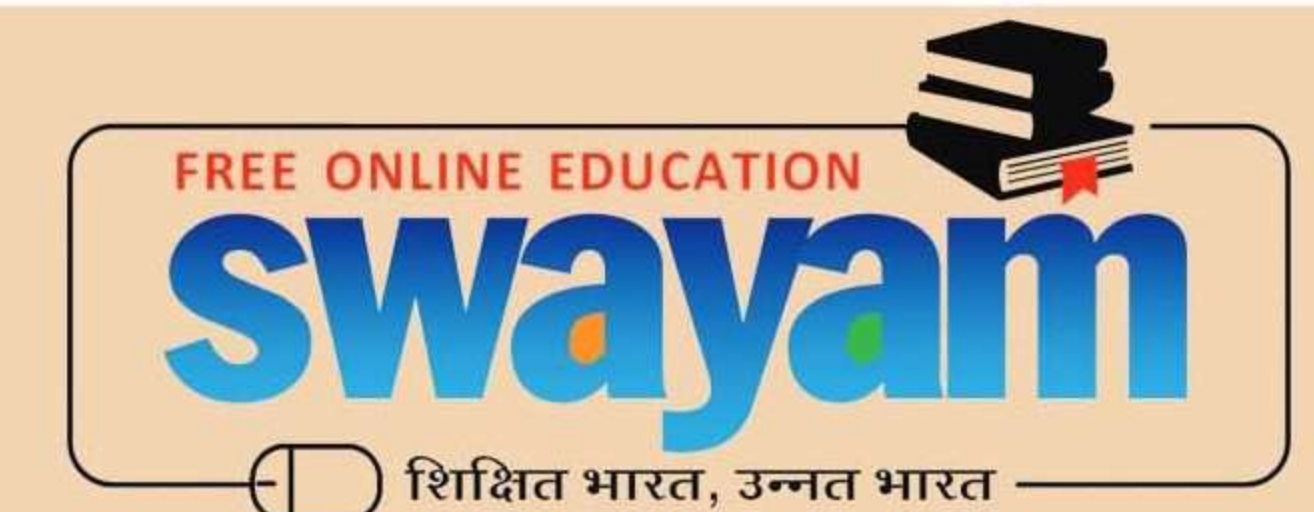
**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147003898

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**B NITHIKA REDDY**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **82** %

Online Assignments	25/25	Proctored Exam	56.63/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005598

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**P D NIRMITA SIVANI SRII**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **77** %

Online Assignments	25/25	Proctored Exam	52.04/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247004634

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**PERAM GOWRISHANKAR**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **76** %

Online Assignments	25/25	Proctored Exam	50.51/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147002239

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to  
**KARINGULA ASHISH SAI VARDHAN**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **63** %

Online Assignments	24.69/25	Proctored Exam	38.27/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147002143

To verify the certificate



No. of credits recommended: 3 or 4





# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**CHINTHAKUNTLA RAVIKIRAN**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **55** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005660

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

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**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**THOGARU SAIKUMAR**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **88** %

Online Assignments	25/25	Proctored Exam	62.75/75
--------------------	-------	----------------	----------



Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006464

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

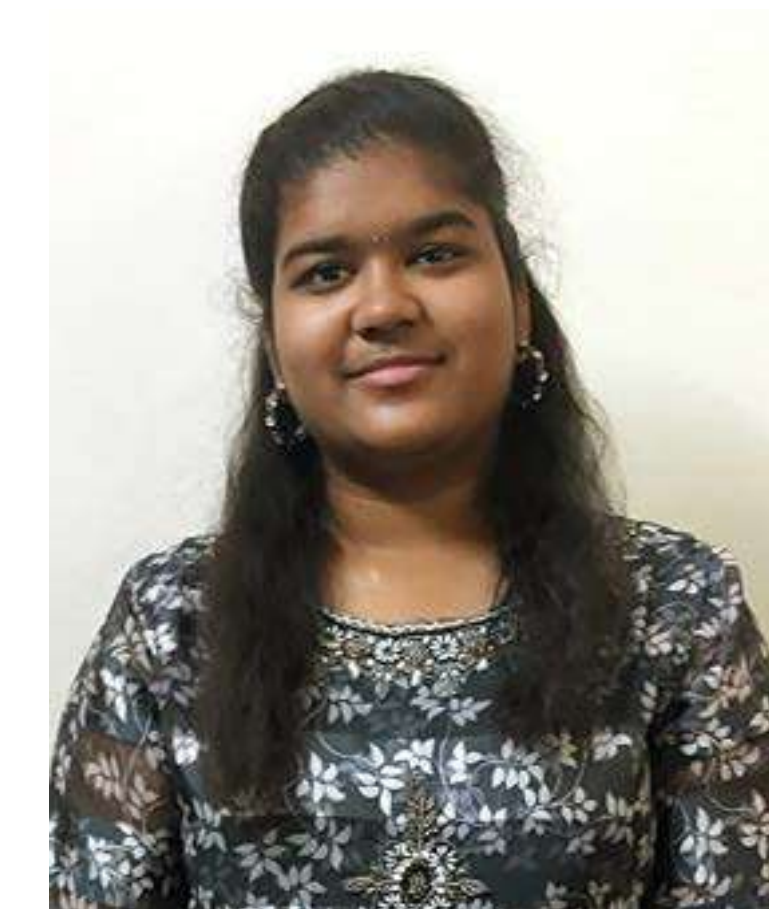
(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to  
**VITHANALA VIJAYA TEJASWI**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **83** %

Online Assignments	24.69/25	Proctored Exam	58.16/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147003983

To verify the certificate



No. of credits recommended: 3 or 4





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# NPTEL ONLINE CERTIFICATION

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**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to

**MANGALI MADHU LITHIN**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **60** %

Online Assignments	25/25	Proctored Exam	35.21/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147000506

To verify the certificate



No. of credits recommended: 3 or 4





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# NPTEL ONLINE CERTIFICATION

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**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**VOLLURU SRIKAR**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **77** %

Online Assignments	25/25	Proctored Exam	52.04/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247004643

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to

**YERRA NIHAL**

for successfully completing the course

**Data Analytics with Python**

with a consolidated score of **82** %

Online Assignments	25/25	Proctored Exam	56.63/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005519

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to  
**JAKKANA BOINA ANUDEEP**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **60** %

Online Assignments	25/25	Proctored Exam	35.21/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247003181

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

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**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to  
**JAKKANA BOINA ANUDEEP**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **60** %

Online Assignments	25/25	Proctored Exam	35.21/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247003181

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

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**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to

**V SNEHA SHARON**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **60** %

Online Assignments	23.44/25	Proctored Exam	36.21/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247004613

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

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**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**B BHUVANESHWARI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **92** %

Online Assignments	25/25	Proctored Exam	67.35/75
--------------------	-------	----------------	----------



Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147002243

To verify the certificate



No. of credits recommended: 3 or 4





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# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to  
**NALAMATI LAKSHMI PRASANNA**  
for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **79** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147000545

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

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**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**PUDUKODU PRANATHI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **88** %

Online Assignments	25/25	Proctored Exam	62.75/75
--------------------	-------	----------------	----------



Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005638

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

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**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to  
**CHANDRAPALLY SWETHA**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **60** %

Online Assignments	25/25	Proctored Exam	34.67/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147003971

To verify the certificate



No. of credits recommended: 3 or 4





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# NPTEL ONLINE CERTIFICATION

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**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to  
**PERICHARLA ANIL VARMA**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **62** %

Online Assignments	25/25	Proctored Exam	36.74/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147002077

To verify the certificate



No. of credits recommended: 3 or 4





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# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**VENKATA SRIRAM NEERUKONDA**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **66** %

Online Assignments	25/25	Proctored Exam	41.33/75
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Total number of candidates certified in this course: **10022**

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

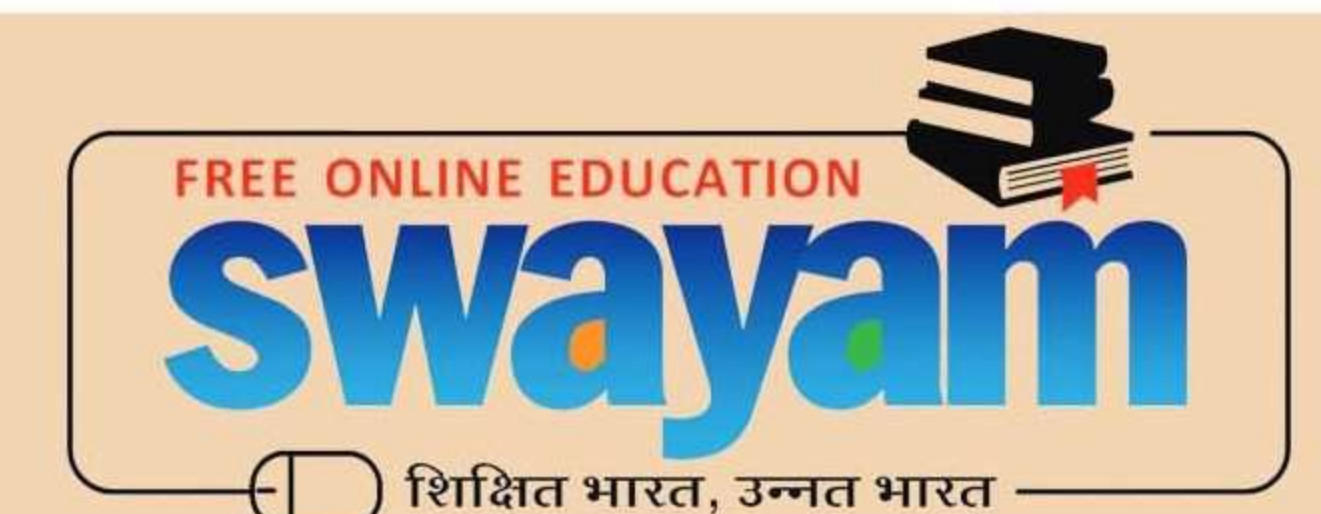
**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247004646

To verify the certificate



No. of credits recommended: 3 or 4





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# NPTEL ONLINE CERTIFICATION

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**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**NAGULA SUSHMITHA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **88** %

Online Assignments	25/25	Proctored Exam	62.75/75
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Total number of candidates certified in this course: **10022**

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

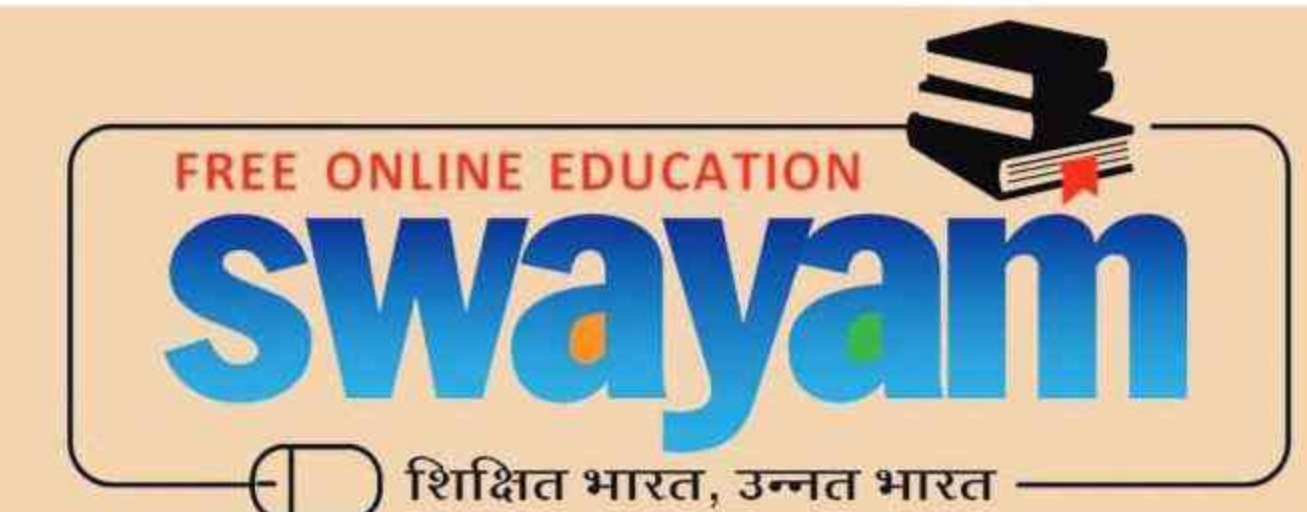
**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



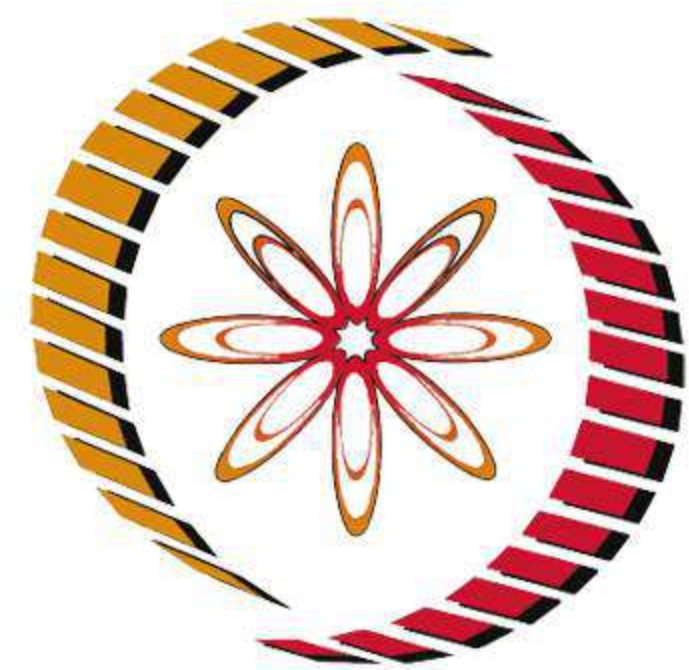
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To verify the certificate



No. of credits recommended: 3 or 4





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# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**KANURI PRANAVI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **76** %

Online Assignments	25/25	Proctored Exam	50.51/75
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Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005608

To verify the certificate



No. of credits recommended: 3 or 4





# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**NALLAGANTI SONALIKA**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **55** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1153800038

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

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**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to  
**POTHUGANTI NAVANITHA**  
for successfully completing the course



**Data Analytics with Python**

with a consolidated score of **80** %

Online Assignments	24.69/25	Proctored Exam	55.1/75
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Total number of candidates certified in this course: **10022**

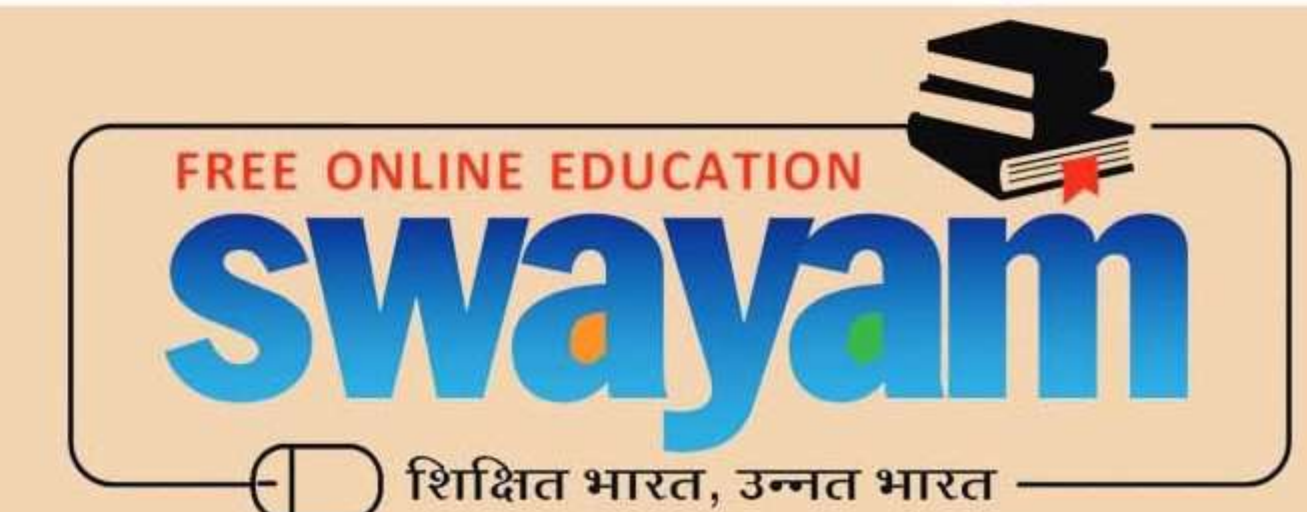
**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005654

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to  
**POTHUGANTI NAVANITHA**  
for successfully completing the course



**Data Analytics with Python**

with a consolidated score of **80** %

Online Assignments	24.69/25	Proctored Exam	55.1/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005654

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**CHITTA SRIKANTH**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **63** %

Online Assignments	25/25	Proctored Exam	38.27/75
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Total number of candidates certified in this course: **10022**

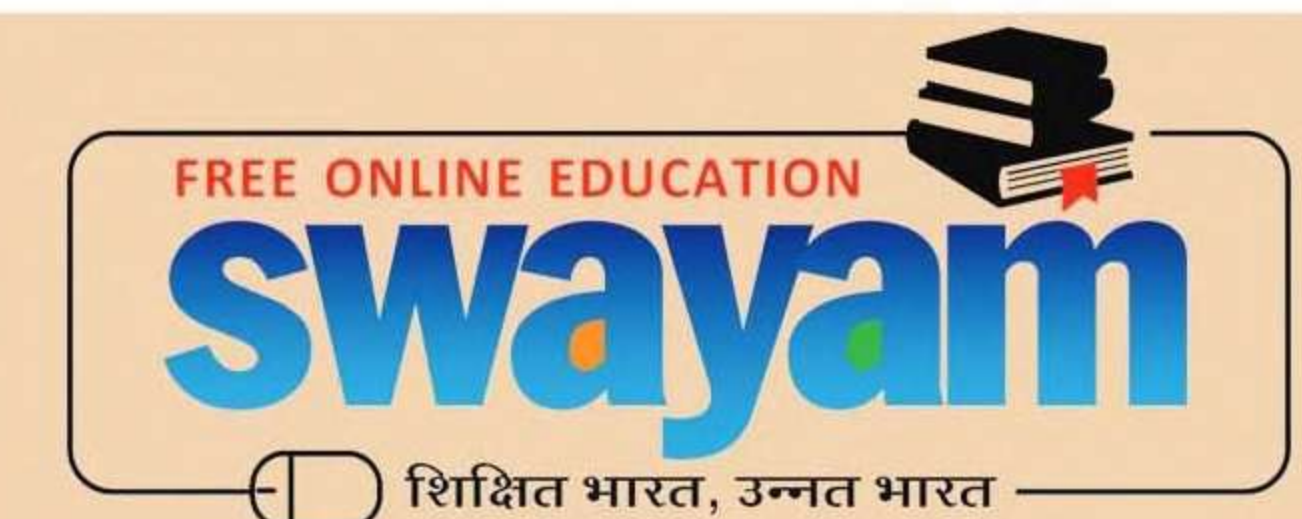
**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247004698

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**YERRAM KARTHIK REDDY**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **91** %

Online Assignments	25/25	Proctored Exam	65.82/75
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Total number of candidates certified in this course: 10022

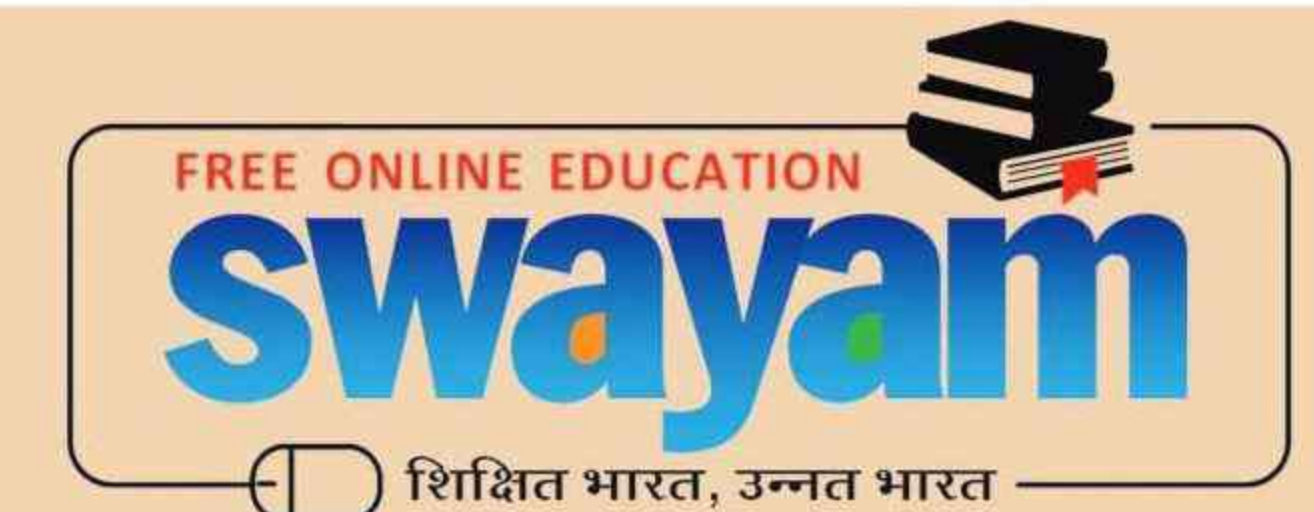
**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147000541

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

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**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**ARAVIND MEDI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **77** %

Online Assignments	25/25	Proctored Exam	52.04/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247003187

To verify the certificate



No. of credits recommended: 3 or 4





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# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**AKSHAYA BATHALA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **85** %

Online Assignments	25/25	Proctored Exam	59.69/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247003175

To verify the certificate



No. of credits recommended: 3 or 4





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# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to  
**CHALLA CHAITANYA PHANI**  
for successfully completing the course



**Data Analytics with Python**

with a consolidated score of **85** %

Online Assignments	25/25	Proctored Exam	59.69/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147002225

To verify the certificate



No. of credits recommended: 3 or 4





**Elite**  
**NPTEL ONLINE CERTIFICATION**

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**PANKAJ SINGH**  
for successfully completing the course

**Data Analytics with Python**

with a consolidated score of **69** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147003922

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to  
**ADURI AAKASH PAUL REDDY**  
for successfully completing the course



**Data Analytics with Python**

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: **10022**

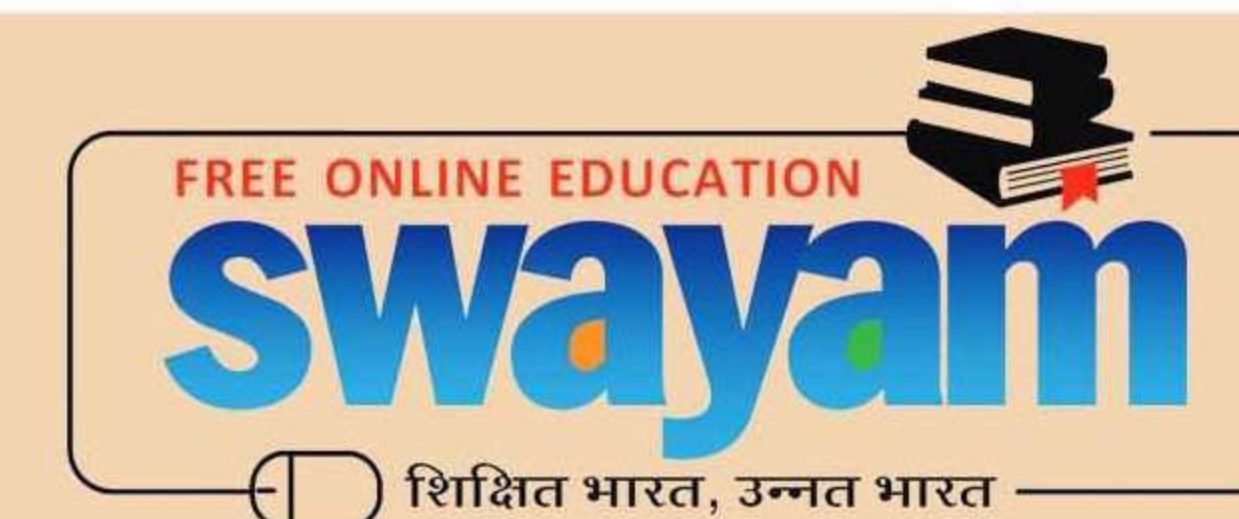
**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147007341

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत

This certificate is awarded to

**A SIRI VENNELA**

for successfully completing the course

**Data Analytics with Python**

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: **10022**

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

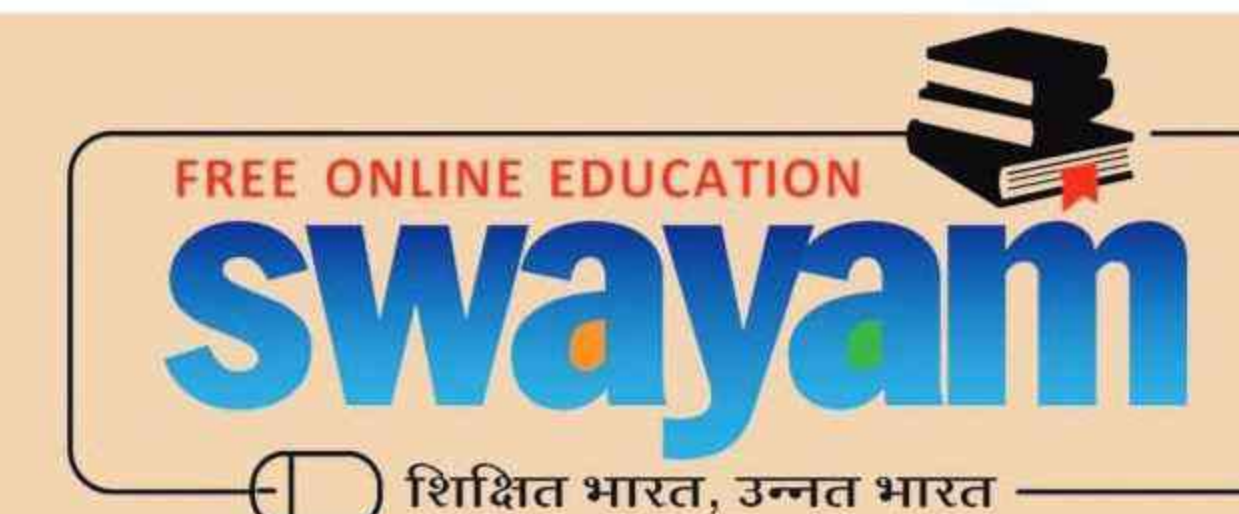
**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1153800044

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**ALLURI HARSHITHA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **80** %

Online Assignments	24.69/25	Proctored Exam	55.1/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247003217

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to

**SHARIKA CIDDAM**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **68** %

Online Assignments	25/25	Proctored Exam	42.86/75
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Total number of candidates certified in this course: **10022**

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

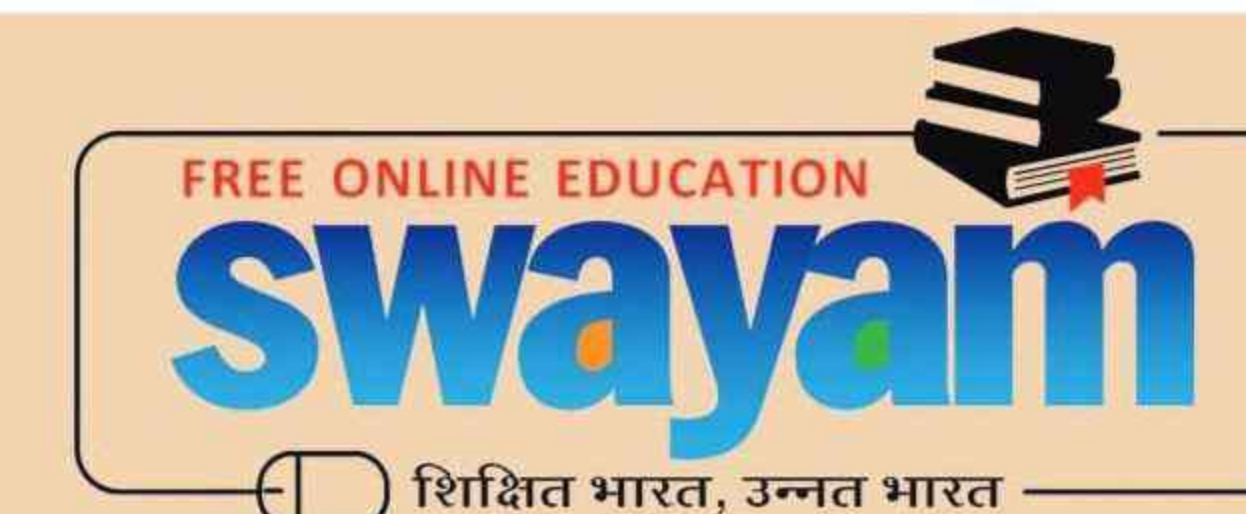
**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1153800029

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत

This certificate is awarded to

**SUJAY**

for successfully completing the course

**Data Analytics with Python**

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: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147003934

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत

This certificate is awarded to

**A SAI ASRITH**

for successfully completing the course

**Data Analytics with Python**

with a consolidated score of **82** %

Online Assignments	25/25	Proctored Exam	56.63/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005471

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**ASTUTI SINHA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **75** %

Online Assignments	25/25	Proctored Exam	49.98/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247004610

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**BALIVADA TARUN SANDILYA**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **68** %

Online Assignments	24.69/25	Proctored Exam	42.86/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247004619

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**BALUSU VITESH**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **85** %

Online Assignments	25/25	Proctored Exam	59.69/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147003987

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to  
**BANDARUPALLI PRANITHA**  
for successfully completing the course



**Data Analytics with Python**

with a consolidated score of **83** %

Online Assignments	25/25	Proctored Exam	58.16/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1153800035

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**BHEEMREDDY POOJITHA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **92** %

Online Assignments	25/25	Proctored Exam	67.35/75
--------------------	-------	----------------	----------



Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005636

To verify the certificate



No. of credits recommended: 3 or 4





# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**BHUKYA VAMSHI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **55** %

Online Assignments	24.38/25	Proctored Exam	30.62/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



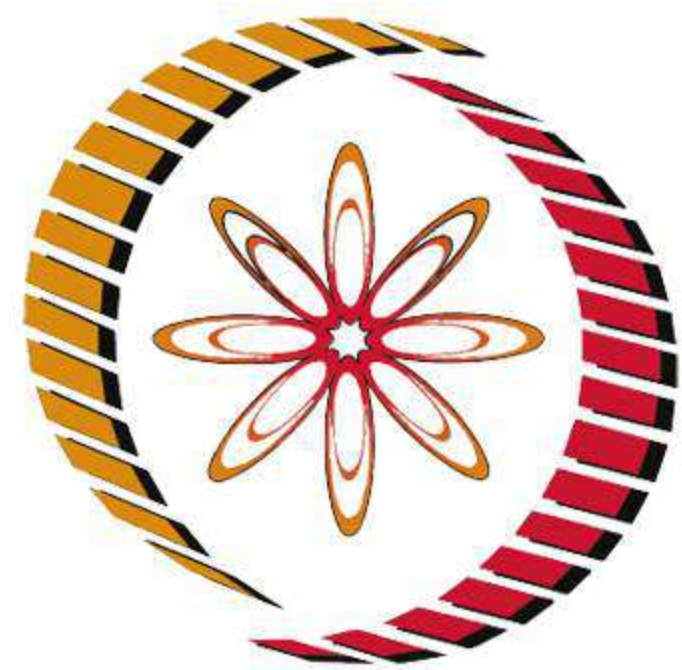
Roll No: NPTEL25CS17S1247004661

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत

This certificate is awarded to

**BHUTTU LOK VARDHAN**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **69** %

Online Assignments	24.38/25	Proctored Exam	44.39/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247004686

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**BINGI JAYANTH**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **85** %

Online Assignments	25/25	Proctored Exam	59.69/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147000537

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**BODAKUNTLA VARUN**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **69** %

Online Assignments	24.69/25	Proctored Exam	44.39/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

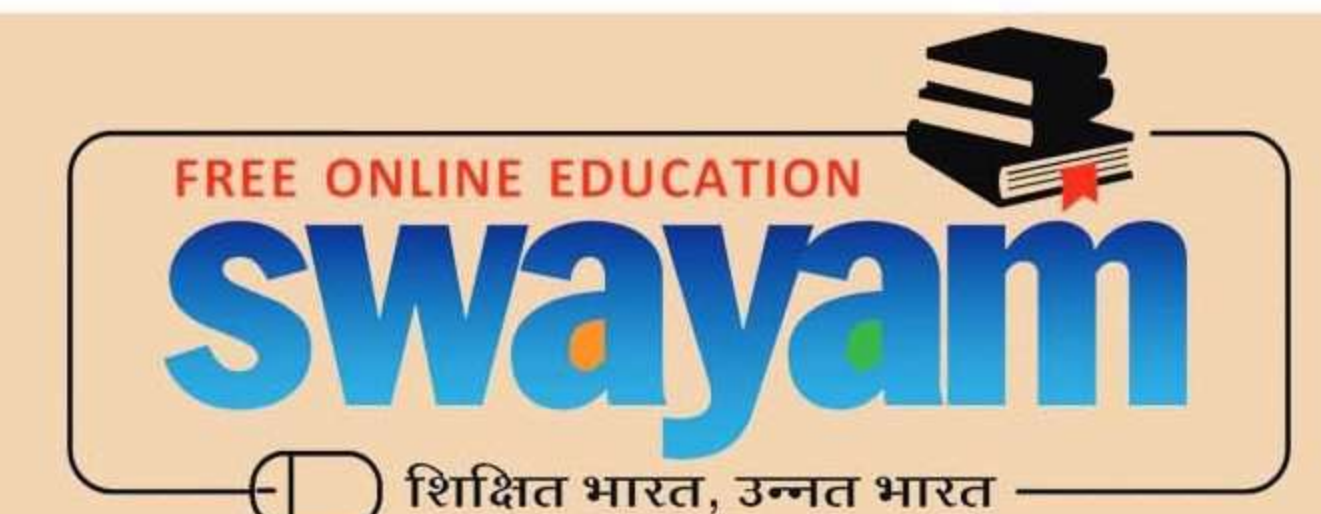
**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147003953

To verify the certificate



No. of credits recommended: 3 or 4





# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**CHEEPELly SIDDHARTHA**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **56** %

Online Assignments	24.06/25	Proctored Exam	32.15/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147004031

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**DATLA MANASWINI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **75** %

Online Assignments	25/25	Proctored Exam	49.98/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247001260

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**DONGA BALASUBRAHMANYAM**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **86** %

Online Assignments	25/25	Proctored Exam	61.22/75
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Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147002245

To verify the certificate



No. of credits recommended: 3 or 4





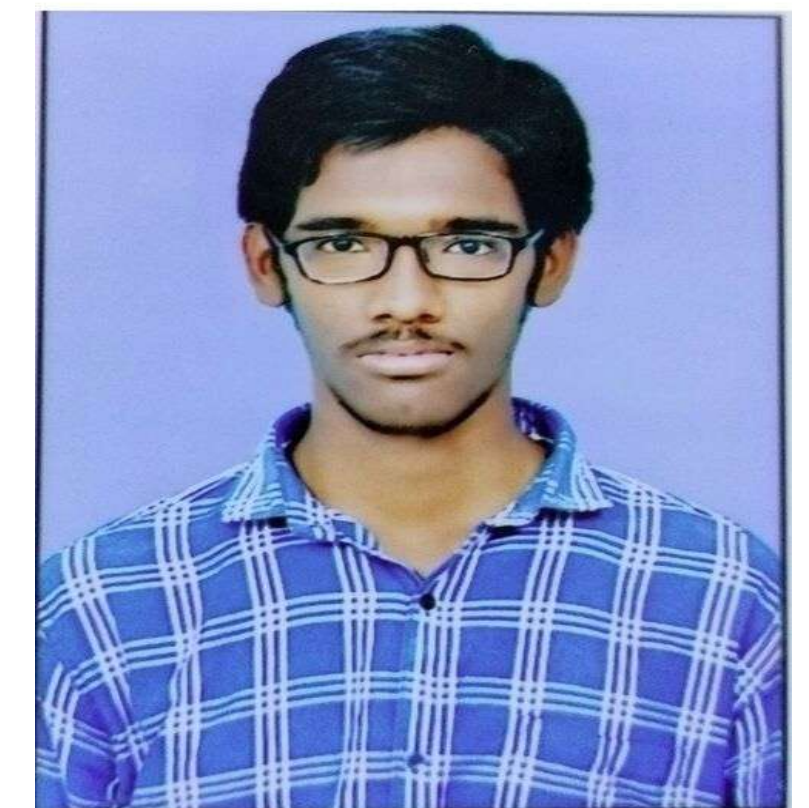
Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**DONTHIREDDY LOKESH REDDY**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **60** %

Online Assignments	25/25	Proctored Exam	34.67/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247001218

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



*This certificate is awarded to*

**DRONAMRAJU KRISHNA SANJANA**

*for successfully completing the course*

**Data Analytics with Python**



*with a consolidated score of* **75** %

Online Assignments	24.69/25	Proctored Exam	50.51/75
--------------------	----------	----------------	----------

*Total number of candidates certified in this course:* **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1253800105

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**GANDLA SAI CHARANYA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **76** %

Online Assignments	25/25	Proctored Exam	50.51/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147002219

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to

**GOPU ABHINAV VAMSI**

for successfully completing the course

**Data Analytics with Python**

with a consolidated score of **66** %

Online Assignments	24.69/25	Proctored Exam	41.33/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247008225

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत

This certificate is awarded to

**GEYASRI GANNI**

for successfully completing the course

**Data Analytics with Python**

with a consolidated score of **68** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247003197

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to  
**GODAVARTHI VENKAT VAMSI**  
for successfully completing the course



**Data Analytics with Python**

with a consolidated score of **83** %

Online Assignments	25/25	Proctored Exam	58.16/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247004666

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**G MOHAN REDDY**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **61** %

Online Assignments	24.69/25	Proctored Exam	36.74/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247001269

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**GOPU SHRAVYA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **80** %

Online Assignments	25/25	Proctored Exam	55.1/75
--------------------	-------	----------------	---------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1153800032

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**GUDURU CHANDHRA SIDDHARRDHA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **76** %

Online Assignments	25/25	Proctored Exam	50.51/75
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Total number of candidates certified in this course: **10022**

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

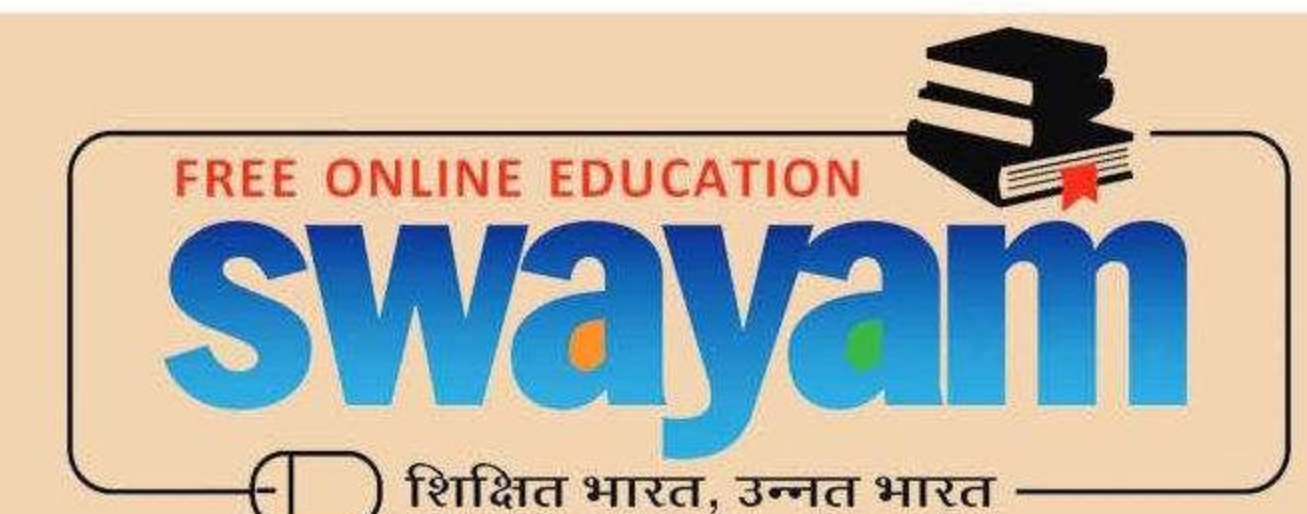
**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247004718

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**GUMMADI SAI ADITYA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **77** %

Online Assignments	24.69/25	Proctored Exam	52.04/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147002119

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**GUNDU SAHITHI**

for successfully completing the course

**Data Analytics with Python**

with a consolidated score of **64** %

Online Assignments	24.69/25	Proctored Exam	39.8/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1253800102

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to  
**HARI LAKSHMI PRANAVI**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **86** %

Online Assignments	25/25	Proctored Exam	61.22/75
--------------------	-------	----------------	----------



Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006572

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**INAGANTI SANDEEP**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **80** %

Online Assignments	25/25	Proctored Exam	55.1/75
--------------------	-------	----------------	---------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006599

To verify the certificate



No. of credits recommended: 3 or 4





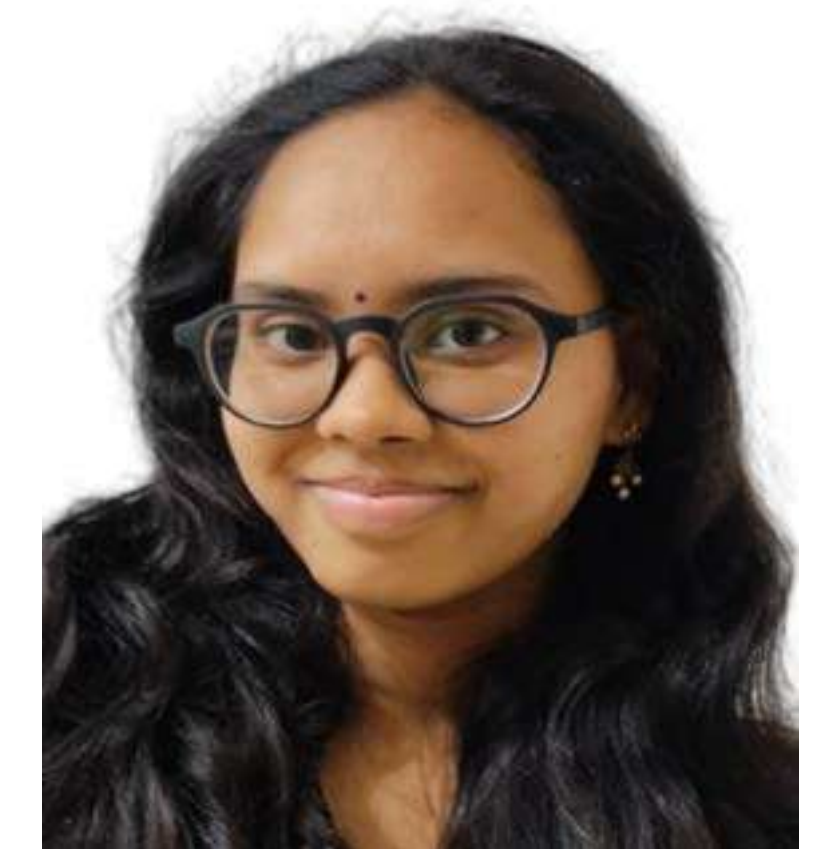
Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**KEERTHANA SHAKKARI**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **84** %

Online Assignments	24.38/25	Proctored Exam	59.69/75
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Total number of candidates certified in this course: **10022**

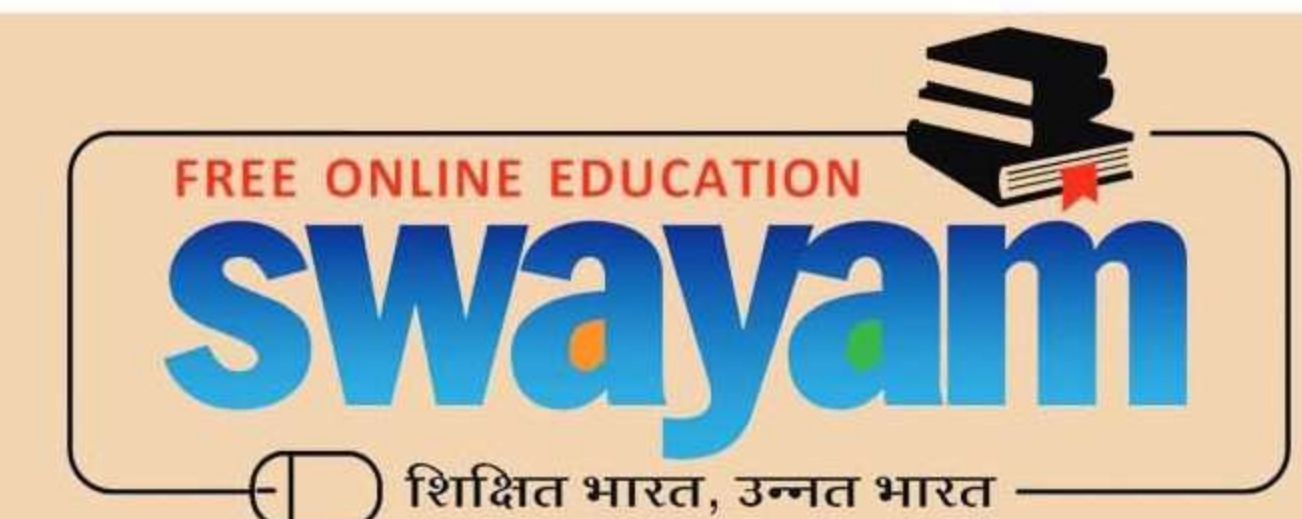
**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005650

To verify the certificate



No. of credits recommended: 3 or 4





# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**K SAI CHARAN REDDY**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **55** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147002149

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**KONDABATHULA KARTHIKEYA**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **86** %

Online Assignments	24.69/25	Proctored Exam	61.22/75
--------------------	----------	----------------	----------



Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147000567

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**KONDRA PREETHAM**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **75** %

Online Assignments	24.69/25	Proctored Exam	50.51/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

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

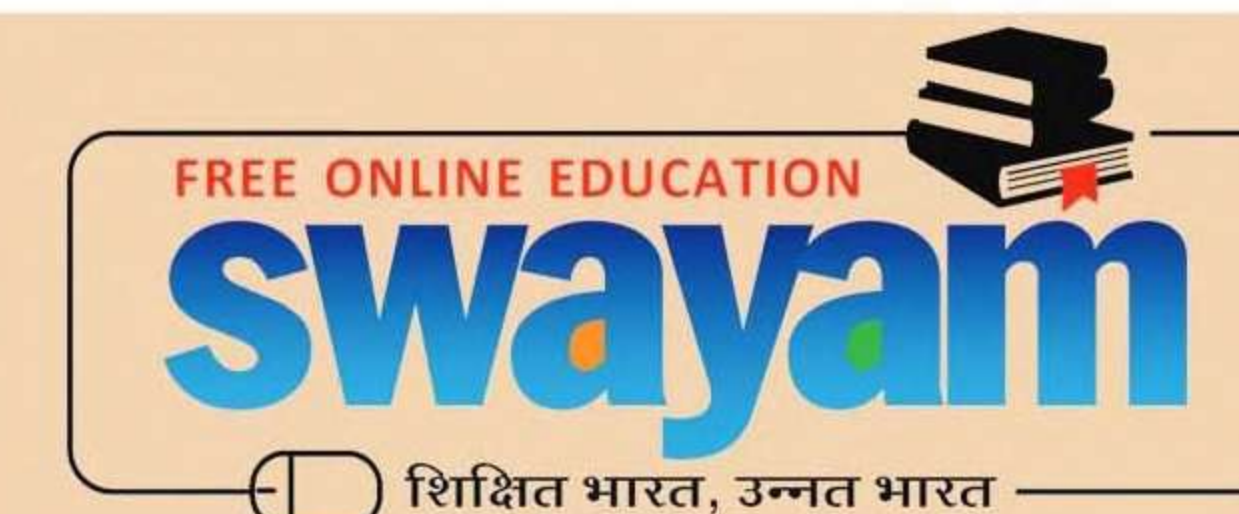
**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006614

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to

**KUDICHETTI NAVEEN**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **63** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006536

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत

This certificate is awarded to  
**KUNCHAPOLAM SRAVANI**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **71** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147003989

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



*This certificate is awarded to*

**LINGALA RENU SAI REVANTH REDDY**

*for successfully completing the course*

**Data Analytics with Python**



*with a consolidated score of* **76** %

Online Assignments	25/25	Proctored Exam	50.51/75
--------------------	-------	----------------	----------

*Total number of candidates certified in this course:* **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005618

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to

**MACHA GOUTHAM**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **63** %

Online Assignments	25/25	Proctored Exam	38.27/75
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Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247003199

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**MANNE ANKITHA**

for successfully completing the course

**Data Analytics with Python**

with a consolidated score of **72** %

Online Assignments	25/25	Proctored Exam	47.45/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147002188

To verify the certificate



No. of credits recommended: 3 or 4









Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**KODIMELA VINAYKUMAR**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **66** %

Online Assignments	24.69/25	Proctored Exam	41.33/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147003957

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत

This certificate is awarded to  
**MENTAPALLY VAISHNAVI**  
for successfully completing the course

**Data Analytics with Python**

with a consolidated score of **69** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147004027

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**MOHAMMED ABDUL ABED**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **63** %

Online Assignments	25/25	Proctored Exam	38.27/75
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Total number of candidates certified in this course: 10022

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

**Jan-Apr 2025**  
**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247008206

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**PADALA PRANAVSAI**

for successfully completing the course

**Data Analytics with Python**



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: **10022**

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

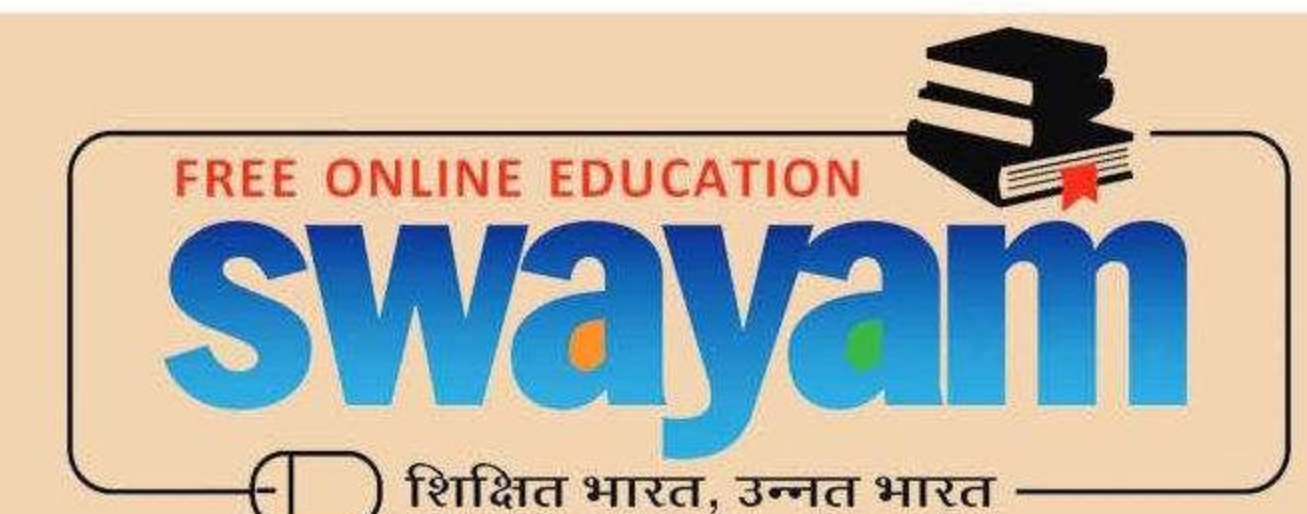
**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005656

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**RAJA BHAIYA RAJBHAR**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **62** %

Online Assignments	25/25	Proctored Exam	36.74/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006491

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SAI PRANAV B**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **63** %

Online Assignments	25/25	Proctored Exam	38.27/75
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Total number of candidates certified in this course: **10022**

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

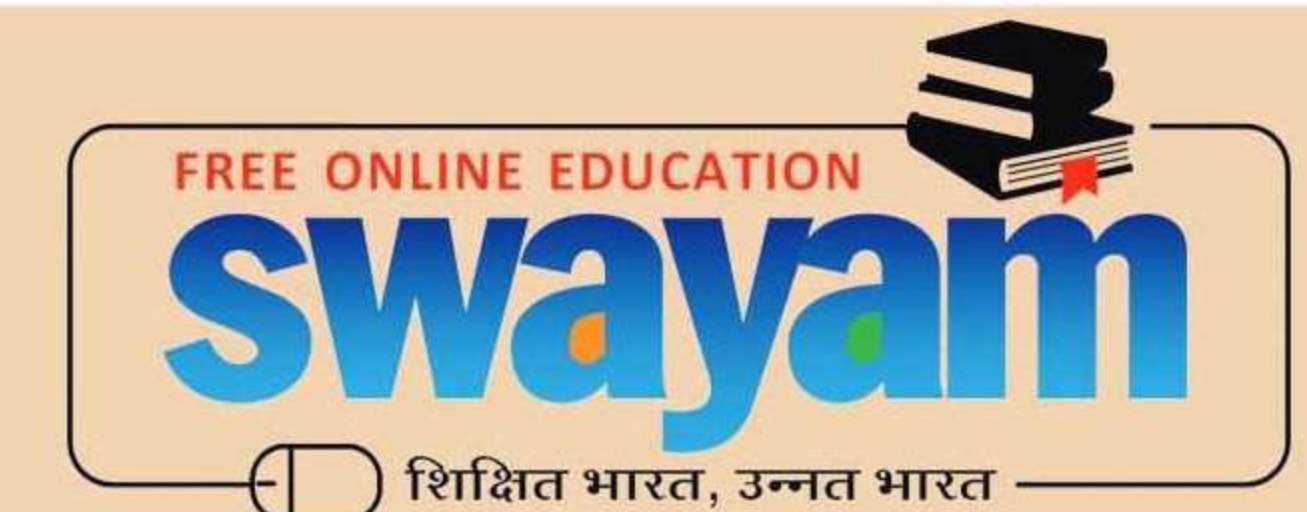
**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005567

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**SAI SASHANK SASANALA**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **72** %

Online Assignments	25/25	Proctored Exam	47.45/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005624

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**SHAIK MOHAMMAD RAHIL**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **76** %

Online Assignments	25/25	Proctored Exam	50.51/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005528

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SHAIK ZAINAB**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **72** %

Online Assignments	25/25	Proctored Exam	47.45/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1253800096

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



*This certificate is awarded to*

**SUDINI SANJANA REDDY**

*for successfully completing the course*

**Data Analytics with Python**



*with a consolidated score of* **83** %

Online Assignments	25/25	Proctored Exam	58.16/75
--------------------	-------	----------------	----------

*Total number of candidates certified in this course:* **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005620

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**SUGURU H SUHARSHITHA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **76** %

Online Assignments	25/25	Proctored Exam	50.51/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247004720

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



Skill India

कौशल भारत - कुशल भारत



This certificate is awarded to  
**SUMAIYA KHUSHNUM**  
for successfully completing the course

**Data Analytics with Python**

with a consolidated score of **65** %

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

Total number of candidates certified in this course: **10022**

Prof. Kaushik Ghosh,  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247004680

To verify the certificate



No. of credits recommended: 3 or 4



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# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**SUREPALLY SAMYUKTHA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **79** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005664

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**THOLAKOPPULA SAIKUMAR**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **65** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006618

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत

This certificate is awarded to

**ANUSHA TUMMA**

for successfully completing the course

**Data Analytics with Python**

with a consolidated score of **72** %

Online Assignments	25/25	Proctored Exam	47.45/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1253800093

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to  
**VATTIPALLI SAI HARSHITHA**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **86** %

Online Assignments	25/25	Proctored Exam	61.22/75
--------------------	-------	----------------	----------



Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147002235

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to

**VALA SREEMAN**

for successfully completing the course

**Data Science for Engineers**



with a consolidated score of **73** %

Online Assignments	24.63/25	Proctored Exam	48.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **3812**

**Prof. Andrew Thangaraj**

Chair

Centre for Outreach and Digital Education, IITM

**Jul-Sep 2024**

**(8 week course)**

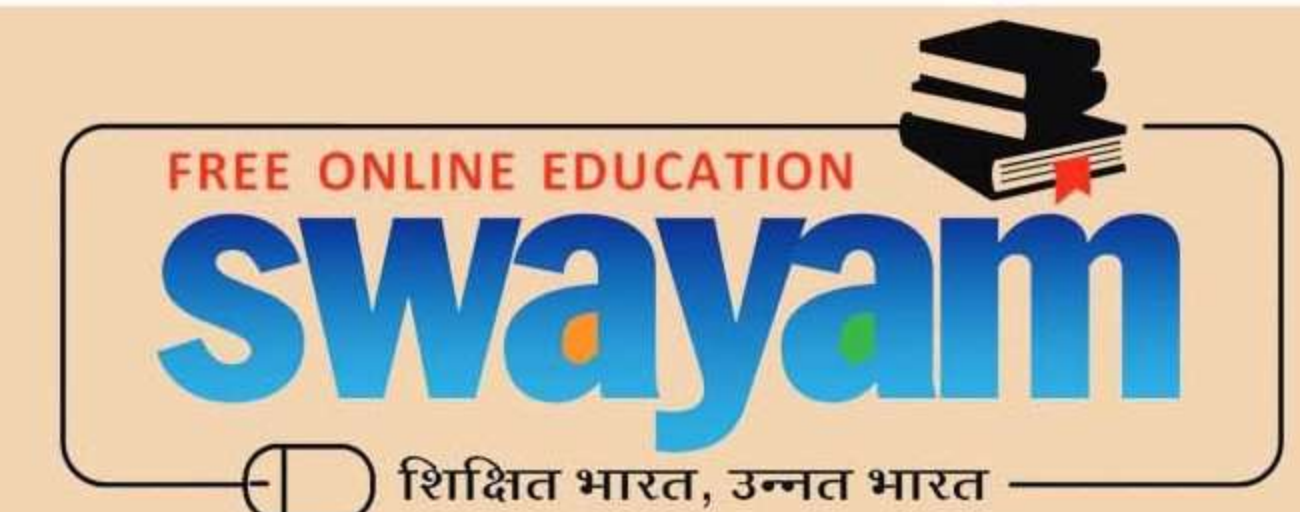
**Prof. Vignesh Muthuvijayan**

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL24CS133S336802482

To verify the certificate



No. of credits recommended: 2 or 3





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to  
**VANKUDAVATH ANUSHA**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **63** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147002140

To verify the certificate



No. of credits recommended: 3 or 4





# Elite NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**VELIVELA PURVA AKSHITA**  
for successfully completing the course



**Data Analytics with Python**

with a consolidated score of **68** %

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

Total number of candidates certified in this course: **10022**

Prof. Kaushik Ghosh,  
Professor (Chemistry)  
Coordinator CEC

Jan-Apr 2025  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1253800099

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**AMBATI SAITEJA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **85** %

Online Assignments	25/25	Proctored Exam	59.69/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006590

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

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**Skill India**

कौशल भारत - कुशल भारत

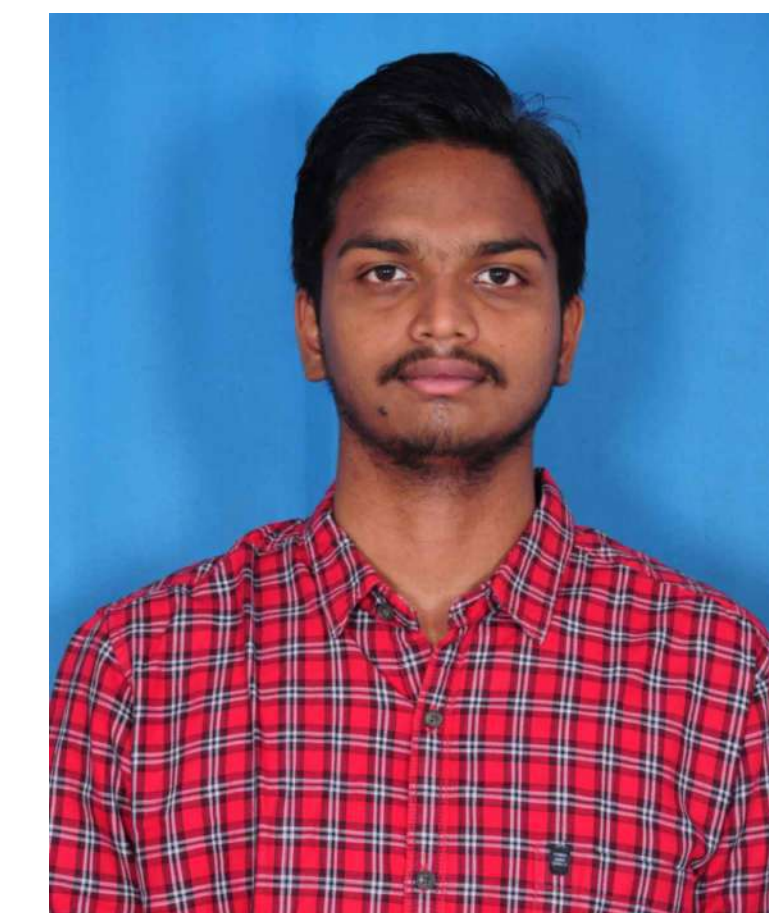


This certificate is awarded to

**ARIGELA VEERA PRASAD**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **82** %

Online Assignments	25/25	Proctored Exam	56.63/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147004037

To verify the certificate



No. of credits recommended: 3 or 4





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# NPTEL ONLINE CERTIFICATION

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**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to  
**SHAIK AYESHA TASKEEN**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **63** %

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

Total number of candidates certified in this course: 10022

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1153800023

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत

This certificate is awarded to

**BANDI ANIL**

for successfully completing the course

**Data Analytics with Python**

with a consolidated score of **77** %

Online Assignments	25/25	Proctored Exam	52.04/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147002080

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**CHITTARI ASHOK**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **72** %

Online Assignments	25/25	Proctored Exam	47.45/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247003127

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**GONEWAR PAVAN KUMAR**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **62** %

Online Assignments	25/25	Proctored Exam	36.74/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006636

To verify the certificate



No. of credits recommended: 3 or 4





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# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to  
**TEJAVATH DAVID KUMAR**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **71** %

Online Assignments	24.69/25	Proctored Exam	45.92/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

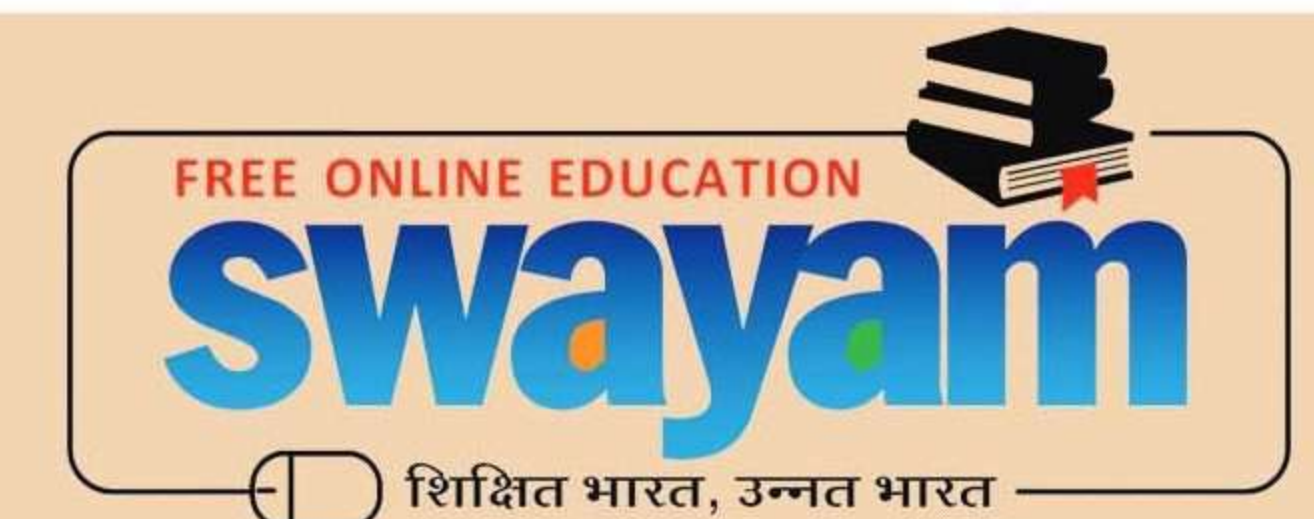
**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147004011

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

*This certificate is awarded to*

**N SRI PRANAV CHARAN**

*for successfully completing the course*

**Data Analytics with Python**

*with a consolidated score of* **68** %

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

*Total number of candidates certified in this course:* **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006545

To verify the certificate



No. of credits recommended: 3 or 4





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# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**PAVANI SOLIPURAM**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **79** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247004706

To verify the certificate



No. of credits recommended: 3 or 4





# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**PENTA SAI RUTHVIKA**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **57** %

Online Assignments	25/25	Proctored Exam	32.15/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006473

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to  
**RUDRARAJU SUHAS VARMA**  
for successfully completing the course



**Data Analytics with Python**

with a consolidated score of **80** %

Online Assignments	25/25	Proctored Exam	55.1/75
--------------------	-------	----------------	---------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147003931

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**GUGULOTHU SARITHA**

for successfully completing the course

**Data Analytics with Python**

with a consolidated score of **60** %

Online Assignments	25/25	Proctored Exam	34.67/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006602

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**NARRA SOUJANYA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **79** %

Online Assignments	24.38/25	Proctored Exam	55.1/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147004007

To verify the certificate



No. of credits recommended: 3 or 4





# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**PENTA SAI RUTHVIKA**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **57** %

Online Assignments	25/25	Proctored Exam	32.15/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006473

To verify the certificate



No. of credits recommended: 3 or 4





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# NPTEL ONLINE CERTIFICATION

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**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**BODDULA SRIPRANAVI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **84** %

Online Assignments	24.69/25	Proctored Exam	59.69/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147004033

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**BODDULA SRIPRANAVI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **84** %

Online Assignments	24.69/25	Proctored Exam	59.69/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147004033

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

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**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**SOMIDI SAMATHA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **82** %

Online Assignments	25/25	Proctored Exam	56.63/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006593

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**SOMIDI SAMATHA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **82** %

Online Assignments	25/25	Proctored Exam	56.63/75
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Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006593

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**THUMMA SAI KRISHNA**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **63** %

Online Assignments	24.69/25	Proctored Exam	38.27/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005498

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**BESI SAKSHI**

for successfully completing the course

**Data Analytics with Python**

with a consolidated score of **66** %

Online Assignments	24.69/25	Proctored Exam	41.33/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006563

To verify the certificate



No. of credits recommended: 3 or 4





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**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**REKULGI NISHEETH**

for successfully completing the course

**Data Analytics with Python**

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: **10022**

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

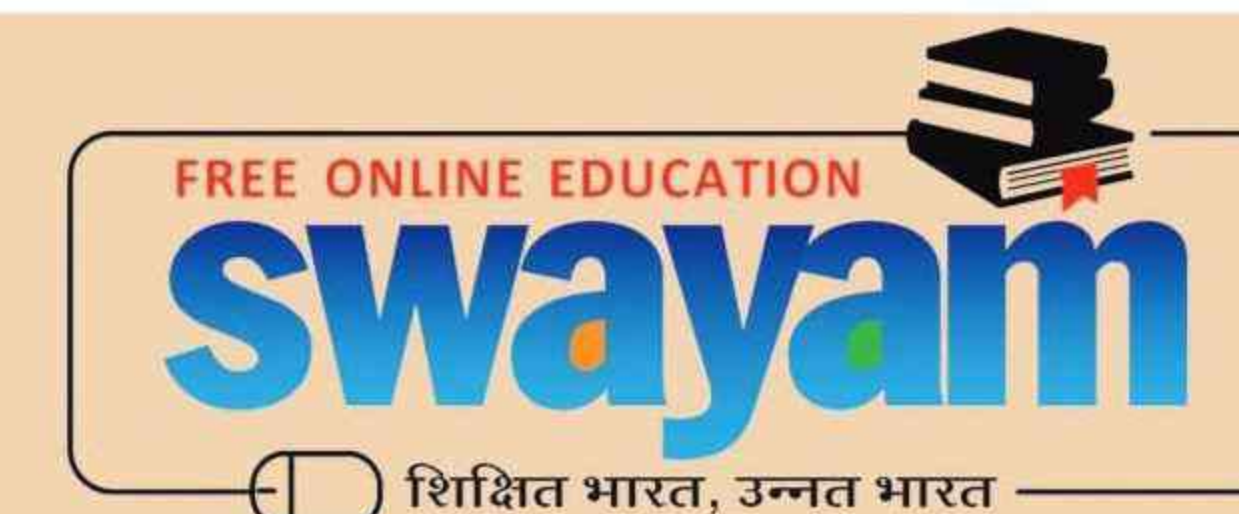
**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005634

To verify the certificate



No. of credits recommended: 3 or 4





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# NPTEL ONLINE CERTIFICATION

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**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**BURA VAMSHI KRISHNA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **80** %

Online Assignments	25/25	Proctored Exam	55.1/75
--------------------	-------	----------------	---------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



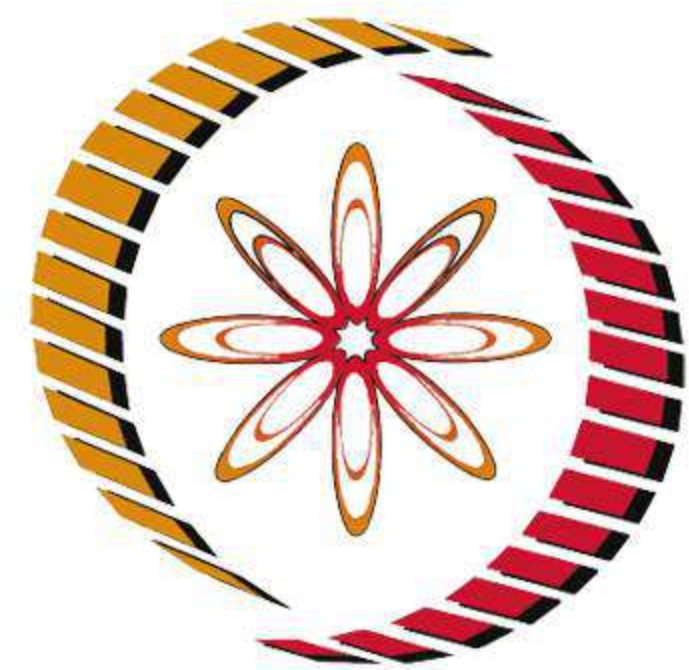
Roll No: NPTEL25CS17S1147003979

To verify the certificate



No. of credits recommended: 3 or 4





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# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत

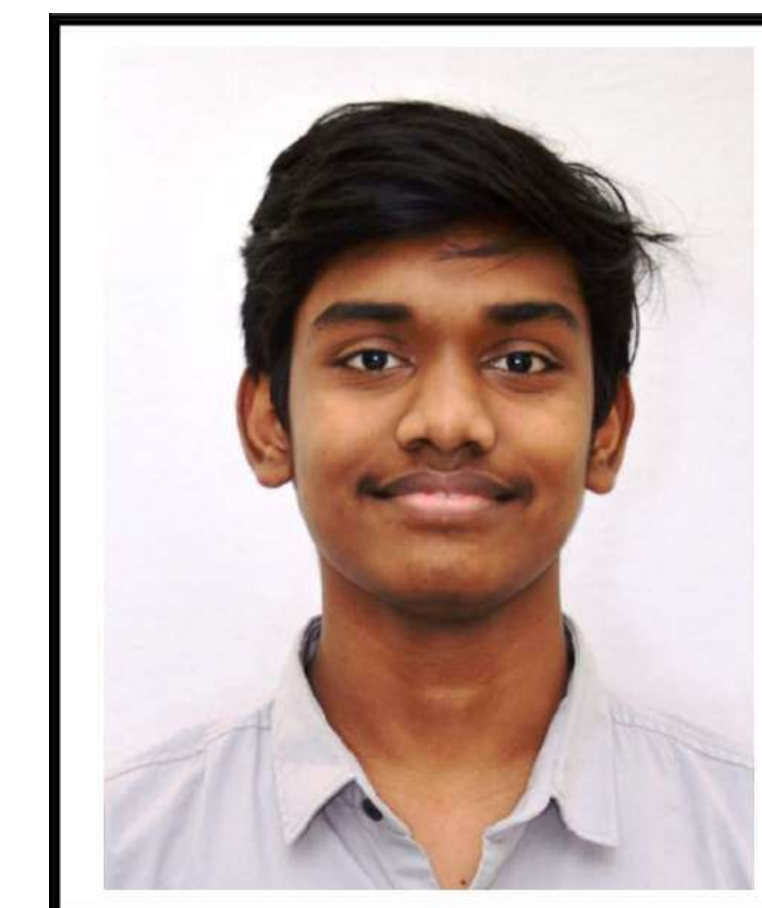


This certificate is awarded to

**BOJJALWAR SRIRAM**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **79** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147003967

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**SUJITH CHANDRA JARATI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **75** %

Online Assignments	25/25	Proctored Exam	49.98/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247004655

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

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**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**SUJITH CHANDRA JARATI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **75** %

Online Assignments	25/25	Proctored Exam	49.98/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247004655

To verify the certificate



No. of credits recommended: 3 or 4





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**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**SUJITH CHANDRA JARATI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **75** %

Online Assignments	25/25	Proctored Exam	49.98/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247004655

To verify the certificate



No. of credits recommended: 3 or 4





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# NPTEL ONLINE CERTIFICATION

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**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**SUJITH CHANDRA JARATI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **75** %

Online Assignments	25/25	Proctored Exam	49.98/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247004655

To verify the certificate



No. of credits recommended: 3 or 4





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# NPTEL ONLINE CERTIFICATION

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**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**SUJITH CHANDRA JARATI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **75** %

Online Assignments	25/25	Proctored Exam	49.98/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247004655

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to

**BACHALAKURA NITHIN**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **72** %

Online Assignments	25/25	Proctored Exam	47.45/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005561

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**ANDRA NAVYA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **69** %

Online Assignments	18.44/25	Proctored Exam	50.51/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005516

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**SIRIYAPUREDDY PRANAVI SREE**  
for successfully completing the course



**Data Analytics with Python**

with a consolidated score of **91** %

Online Assignments	24.69/25	Proctored Exam	65.82/75
--------------------	----------	----------------	----------



Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006575

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**SIRIYAPUREDDY PRANAVI SREE**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **91** %

Online Assignments	24.69/25	Proctored Exam	65.82/75
--------------------	----------	----------------	----------



Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006575

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**ADDANKI SAI SUJITH**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **71** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005486

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**BESI SAKSHI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **66** %

Online Assignments	24.69/25	Proctored Exam	41.33/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006563

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**ANUSHREE BHATTACHARYA**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **65** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247003205

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**SUGATHRI BURLA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **75** %

Online Assignments	24.69/25	Proctored Exam	49.98/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1153800041

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**SUGATHRI BURLA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **75** %

Online Assignments	24.69/25	Proctored Exam	49.98/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1153800041

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**CHALLA SAI MANOJ VEERA REDDY**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **86** %

Online Assignments	25/25	Proctored Exam	61.22/75
--------------------	-------	----------------	----------



Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005489

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**CHINNAMSETTY SAI KEERTHI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **76** %

Online Assignments	25/25	Proctored Exam	50.51/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006470

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**ANITHA DHANUGARI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **77** %

Online Assignments	25/25	Proctored Exam	52.04/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147002134

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

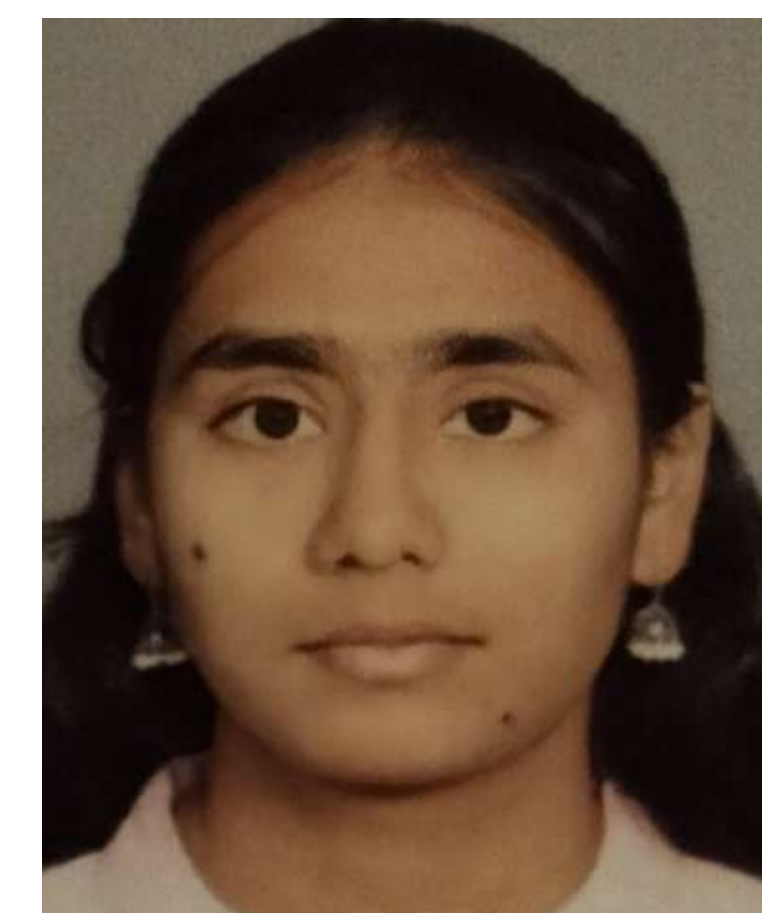


This certificate is awarded to

**ANITHA DHANUGARI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **77** %

Online Assignments	25/25	Proctored Exam	52.04/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147002134

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to  
**G SHRIYA BHAVANA REDDY**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **83** %

Online Assignments	25/25	Proctored Exam	58.16/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005594

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**DHANUSH GUNNAM**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **66** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147002209

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**JANAPATI MANASA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **88** %

Online Assignments	25/25	Proctored Exam	62.75/75
--------------------	-------	----------------	----------



Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147000530

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**KANCHIPATI CHANDRA VENKATA KOUSHIK**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **77** %

Online Assignments	24.69/25	Proctored Exam	52.04/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247003193

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**KANCHIPATI CHANDRA VENKATA KOUSHIK**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **77** %

Online Assignments	24.69/25	Proctored Exam	52.04/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247003193

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to

**AJAY**

for successfully completing the course

**Data Analytics with Python**

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: **10022**

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

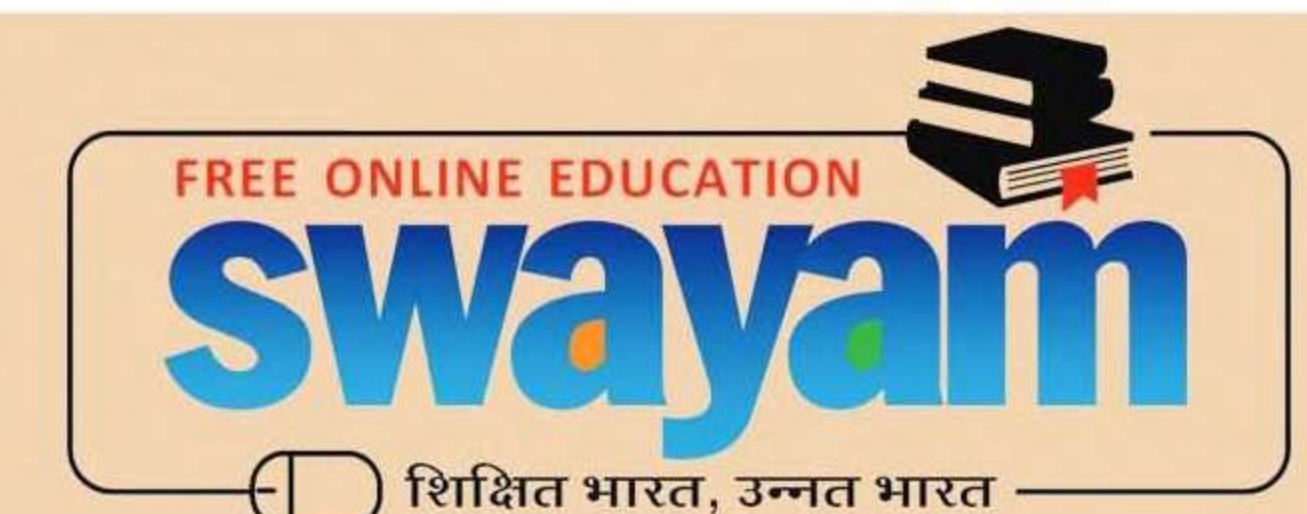
**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247003109

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत

This certificate is awarded to

**K MRUDULA**

for successfully completing the course

**Data Analytics with Python**

with a consolidated score of **65** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247001248

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत

This certificate is awarded to

**NAKKA GIRISH**

for successfully completing the course

**Data Analytics with Python**

with a consolidated score of **80** %

Online Assignments	25/25	Proctored Exam	55.1/75
--------------------	-------	----------------	---------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247003169

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत

*This certificate is awarded to*

**NUTHIKATTU RAGHAVI**

*for successfully completing the course*

**Data Analytics with Python**

*with a consolidated score of* **68** %

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

*Total number of candidates certified in this course:* **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006578

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to  
**SANTOON KUMAR PANDA**  
for successfully completing the course



**Data Analytics with Python**

with a consolidated score of **92** %

Online Assignments	25/25	Proctored Exam	67.35/75
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Total number of candidates certified in this course: **10022**

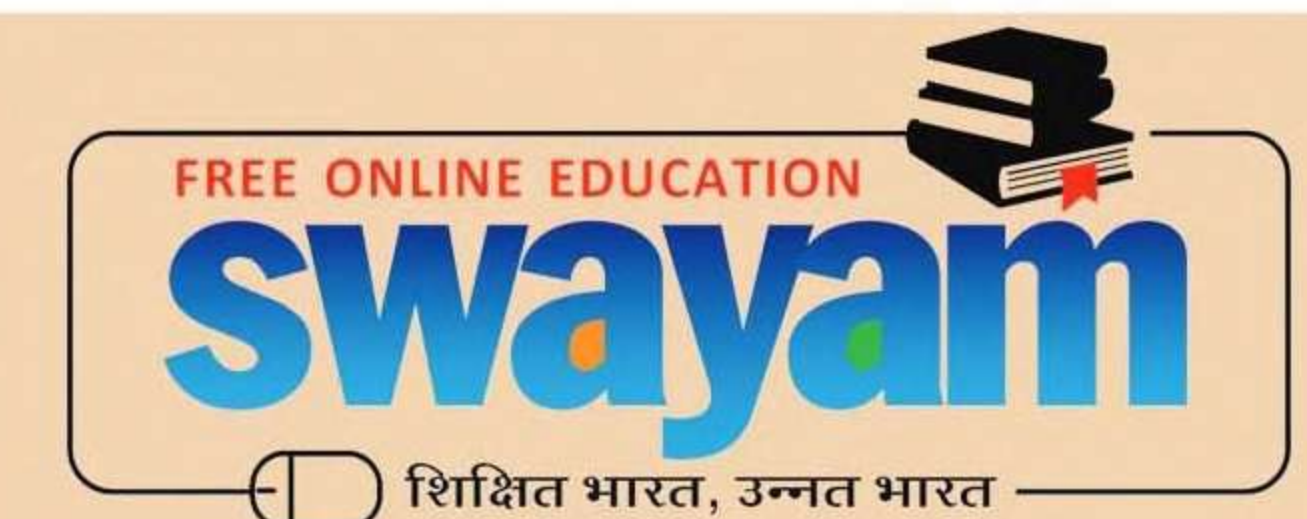
**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005622

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**YOCHANA PANDIRI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **75** %

Online Assignments	25/25	Proctored Exam	49.98/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247004690

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**KOUSHIK REDDY**

for successfully completing the course

**Data Analytics with Python**

with a consolidated score of **63** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247001233

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



*This certificate is awarded to*

**SUDHIREDDY SAI GOUTHAM REDDY**

*for successfully completing the course*

**Data Analytics with Python**



*with a consolidated score of* **76** %

Online Assignments	25/25	Proctored Exam	50.51/75
--------------------	-------	----------------	----------

*Total number of candidates certified in this course:* **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006476

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**SUGATHRI BURLA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **75** %

Online Assignments	24.69/25	Proctored Exam	49.98/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1153800041

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**SUMEDH MURAKONDA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **80** %

Online Assignments	25/25	Proctored Exam	55.1/75
--------------------	-------	----------------	---------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006626

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to

**S PAVAN TEJ**

for successfully completing the course

**Data Analytics with Python**

with a consolidated score of **80** %

Online Assignments	25/25	Proctored Exam	55.1/75
--------------------	-------	----------------	---------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



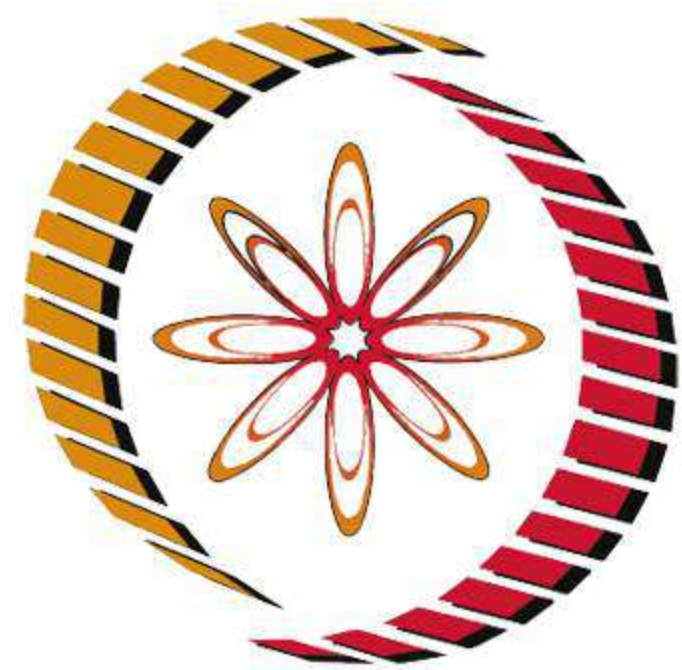
Roll No: NPTEL25CS17S1147005194

To verify the certificate



No. of credits recommended: 3 or 4





# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**VANAM SAI KRISHNA**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **58** %

Online Assignments	24.69/25	Proctored Exam	33.68/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006479

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**VARUN TEJA BASAM**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **68** %

Online Assignments	24.69/25	Proctored Exam	42.86/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247004625

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**GUGULOTHU SARITHA**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **60** %

Online Assignments	25/25	Proctored Exam	34.67/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006602

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**KARTHIK VANGARA**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **62** %

Online Assignments	25/25	Proctored Exam	36.74/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247001230

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**MOHAMMAD KHAJAMOHINUDDIN**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **80** %

Online Assignments	25/25	Proctored Exam	55.1/75
--------------------	-------	----------------	---------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147000573

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**SIRIBADRI PRANATHI**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **63** %

Online Assignments	25/25	Proctored Exam	38.27/75
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Total number of candidates certified in this course: **10022**

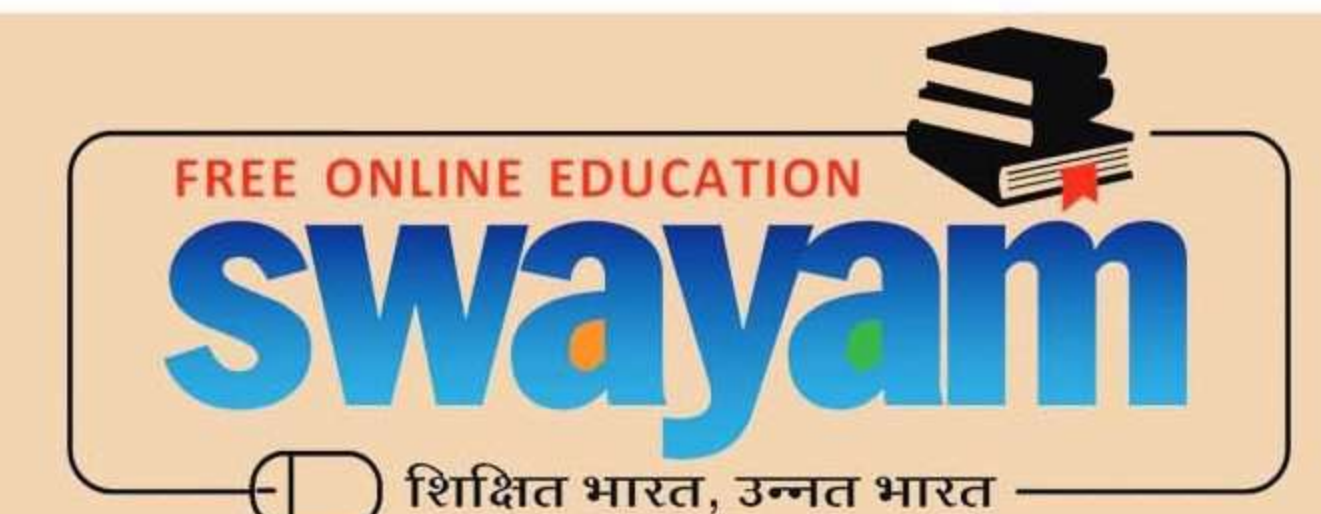
**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247004598

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**GANESH BATHINI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **79** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247003166

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**MOHAMMAD KHAJAMOHINUDDIN**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **80** %

Online Assignments	25/25	Proctored Exam	55.1/75
--------------------	-------	----------------	---------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147000573

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to  
**MANGADODDI KARTHIKEYA**  
for successfully completing the course



**Data Analytics with Python**

with a consolidated score of **85** %

Online Assignments	25/25	Proctored Exam	59.69/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee




Roll No: NPTEL25CS17S1147000569





To verify the certificate



No. of credits recommended: 3 or 4



<b>AFTERNOON SESSION (AN)</b>	<b>National Programme on Technology Enhanced Learning</b>	
<b>Hall Ticket For</b>	SEM1NOC25: CS17 Data Analytics with Python - Online	

Candidate Name	Chandra Nikhila					
Roll No	NOC25CS17S1247006566		Seating Number	47006566		
Date of Birth	14-03-2005					
PwD Status	No	Compensatory Time Required	No	Scribe Required	No	
Exam Date	Sunday, 04 May, 2025					
Reporting Time	01:00 pm		Gate Closure	02:30 pm		
Exam Timing	02:00 pm		Shift	AN		
Test Centre Name	iON Digital Zone iDZ 2 Moula Ali					
Test Centre Address	CVK Technologies PVT LTD, PI NO12,Near CocaCola ,NFC RD,OPP Jubilant Food, MoulaAli,Medchal-Malkajigiri,DIST, Hyderabad, Telangana, India - 500040					
 NPTEL COORDINATOR						

**NPTEL EXAM - 04 MAY, 2025**  
**General instructions for candidates - AN**  
 (All timings mentioned here are in IST)

**The total duration of the examination is 180 minutes.**  
**Candidates will be permitted to leave the examination hall only after 03:30 pm, on a need basis.**

**Hall ticket and Entry:**

- The Hall Ticket must be presented for verification along with one original photo identification (not photocopy or scanned copy). Examples of acceptable photo identification documents are School ID, College ID, Employee ID, Driving License, Passport, PAN card, Voter ID, and Aadhaar-ID. A printed copy of the hall ticket and original photo ID card should be brought to the exam centre. Hall ticket and ID card copies on the phone will not be permitted.
- This Hall Ticket is valid only if the candidate's photograph and signature images are legible. To ensure this, print the Hall Ticket on A4-sized paper using a laser printer, preferably a color photo printer.
- TIMELINE:** 1:00 pm - Report to the examination venue | 1:40 pm – Candidates will be permitted to occupy their allotted seats| 1:50 pm – Candidates can login and start reading instructions prior to the examination | 2:00 pm - Exam starts | 2:30 pm - Gate closes, candidates will not be allowed after this time | 3:30 pm Submit button will be enabled | 5:00 pm exam ends.



4. Candidates will be permitted to appear for the examination ONLY after their credentials are verified by center officials.
5. Candidates are advised to locate the examination center at least a day prior to the examination, so that they can reach the center on time for the examination.

**STATIONERY REQUIREMENTS:**

- A4 sheets will be provided to candidates for rough work. Candidates have to write their name and registration number on the A4 Sheets before they start using it. The A4 sheets must be returned to the invigilator at the end of the examination.
- On-screen calculator will be available during the exam. Candidates are advised to familiarize themselves with this virtual Scientific calculator well ahead of the exam.  
Link: <https://www.tcsion.com/OnlineAssessment/ScientificCalculator/Calculator.html>
- You should bring your own pen/pencil; it will NOT be given at the examination centre.

**DRESS CODE:**

- Candidates are expected to come in professional attire to write the exams.
- Candidates wearing SHORTS will NOT be permitted inside the exam hall.

**PERMITTED:**

- You may bring non-electronic vehicle keys inside the exam hall.
- You are advised to carry your own drinking water in a transparent bottle.
- Candidates are allowed to bring sanitizer in a small transparent bottle.

**NOT PERMITTED:**

- Watches, wallets, mobile phones, Bluetooth devices, microphones, pagers, health bands or any other electronic gadgets, any printed/blank/handwritten paper, log tables, writing pads, scales, geometry/pencil-boxes, pouches, calculators, pen drives, electronic pens, handbags, goggles, electronic vehicle keys or similar such items are NOT allowed inside the examination centre. There may not be any facility for the safekeeping of these devices outside the examination hall; it will be prudent not to bring valuables to the examination center. Candidates will not be permitted to carry any food items in the exam centre. We suggest that you bring a bag to keep routine belongings outside the exam hall. Neither NPTEL nor the exam provider takes responsibility for the bag and the belongings. You may keep it outside at your own risk.

**MANDATORY :**

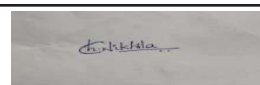
- Hall tickets have to be returned to the invigilator before leaving the exam hall. No paper can be taken out of the exam hall.
- Press the SUBMIT button on the computer after you have completed the exam.

**IMPORTANT:**

- A basic code of conduct during the exam should be followed, failing which, NPTEL reserves the right to take appropriate action.
- In case the exam is delayed due to any unforeseen circumstances, NPTEL will decide on the appropriate course of action as it deems fit.

**AT THE EXAM CENTRE, IF YOU ENCOUNTER ANY ISSUES WITH RESPECT TO THE COMPUTER OR EXAM OFFICIALS, KINDLY CONTACT THE NPTEL EXAM REPRESENTATIVE, WHO WILL BE AVAILABLE AT THE CENTRE.**

I HEREBY ACKNOWLEDGE THAT I HAVE READ, UNDERSTOOD AND AGREE TO FOLLOW THE ABOVE MENTIONED INSTRUCTIONS.



**Signature of the Candidate**





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**SRINIVAS REDDY**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **82** %

Online Assignments	25/25	Proctored Exam	56.63/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247004700

To verify the certificate



No. of credits recommended: 3 or 4





# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**DODDA HANOCH RAJ JEDIDIAH**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **57** %

Online Assignments	25/25	Proctored Exam	32.15/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147002170

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

*This certificate is awarded to*

**P MANASVI REDDY**

*for successfully completing the course*

**Data Analytics with Python**

*with a consolidated score of* **66** %

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

*Total number of candidates certified in this course:* **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247001245

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**VARUN TEJA BASAM**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **68** %

Online Assignments	24.69/25	Proctored Exam	42.86/75
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Total number of candidates certified in this course: **10022**

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

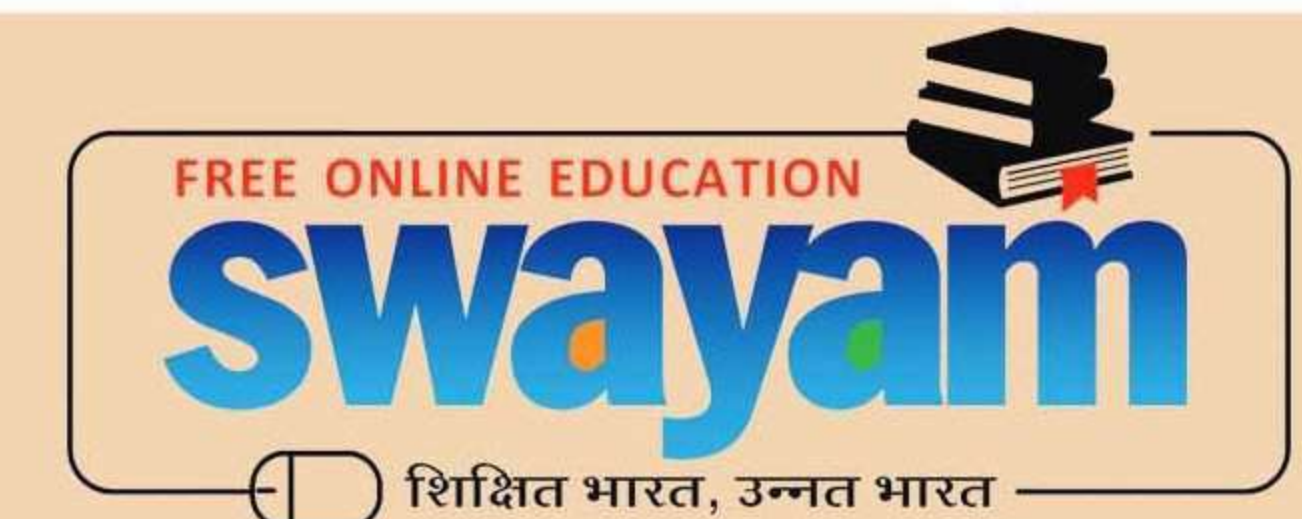
**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247004625

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**ADAPA JHANSI LAKSHMI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **86** %

Online Assignments	25/25	Proctored Exam	61.22/75
--------------------	-------	----------------	----------



Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147000515

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**NISHANTH KONDA**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **63** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005632

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to

**P AKSHITHA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **68** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247003203

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**SOMURI SAI TEJES**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **72** %

Online Assignments	25/25	Proctored Exam	47.45/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005495

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**VANGA MANI VARSHITH REDDY**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **71** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147000485

To verify the certificate



No. of credits recommended: 3 or 4





# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**ALLANE SAI ROHITH**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **55** %

Online Assignments	24.69/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006467

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**RATAN KOLLABATHULA**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **72** %

Online Assignments	24.06/25	Proctored Exam	47.45/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

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

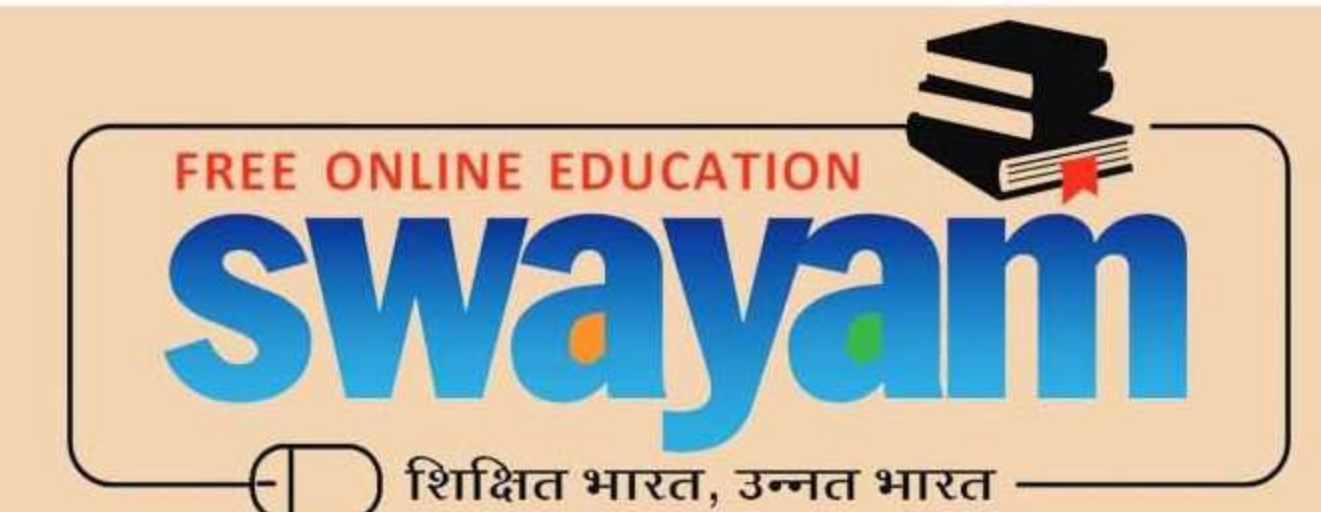
**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006512

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**M KSHITIJ KUMAR**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **66** %

Online Assignments	24.35/25	Proctored Exam	41.33/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147000543

To verify the certificate



No. of credits recommended: 3 or 4





# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**ALLANE SAI ROHITH**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **55** %

Online Assignments	24.69/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006467

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to

**ANDRA NAVYA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **69** %

Online Assignments	18.44/25	Proctored Exam	50.51/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005516

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**ANDRA NAVYA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **69** %

Online Assignments	18.44/25	Proctored Exam	50.51/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005516

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत

This certificate is awarded to

**ARABATI ESHWAR**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **68** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247003160

To verify the certificate



No. of credits recommended: 3 or 4





**Elite**

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**AVULA SATHVIK**

for successfully completing the course

**Data Analytics with Python**

with a consolidated score of **91** %

Online Assignments	25/25	Proctored Exam	65.82/75
--------------------	-------	----------------	----------



Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005324

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**GANESH BATHINI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **79** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247003166

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**BODDULA SRIPRANAVI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **84** %

Online Assignments	24.69/25	Proctored Exam	59.69/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee




Roll No: NPTEL25CS17S1147004033





To verify the certificate



No. of credits recommended: 3 or 4



<b>AFTERNOON SESSION (AN)</b>	<b>National Programme on Technology Enhanced Learning</b>		
<b>Hall Ticket For</b>	SEM1NOC25: CS17 Data Analytics with Python - Online		<b>NPTEL</b>

Candidate Name	Chandra Nikhila					
Roll No	NOC25CS17S1247006566	Seating Number	47006566			
Date of Birth	14-03-2005					
PwD Status	No	Compensatory Time Required	No	Scribe Required		No
Exam Date	Sunday, 04 May, 2025					
Reporting Time	01:00 pm	Gate Closure	02:30 pm			
Exam Timing	02:00 pm	Shift	AN			
Test Centre Name	iON Digital Zone iDZ 2 Moula Ali					
Test Centre Address	CVK Technologies PVT LTD, PI NO12, Near CocaCola ,NFC RD, OPP Jubilant Food, MoulaAli, Medchal-Malkajigiri, DIST, Hyderabad, Telangana, India - 500040					
 NPTEL COORDINATOR						

**NPTEL EXAM - 04 MAY, 2025**  
**General instructions for candidates - AN**  
 (All timings mentioned here are in IST)

**The total duration of the examination is 180 minutes.**  
**Candidates will be permitted to leave the examination hall only after 03:30 pm, on a need basis.**

**Hall ticket and Entry:**

- The Hall Ticket must be presented for verification along with one original photo identification (not photocopy or scanned copy). Examples of acceptable photo identification documents are School ID, College ID, Employee ID, Driving License, Passport, PAN card, Voter ID, and Aadhaar-ID. A printed copy of the hall ticket and original photo ID card should be brought to the exam centre. Hall ticket and ID card copies on the phone will not be permitted.
- This Hall Ticket is valid only if the candidate's photograph and signature images are legible. To ensure this, print the Hall Ticket on A4-sized paper using a laser printer, preferably a color photo printer.
- TIMELINE:** 1:00 pm - Report to the examination venue | 1:40 pm – Candidates will be permitted to occupy their allotted seats | 1:50 pm – Candidates can login and start reading instructions prior to the examination | 2:00 pm - Exam starts | 2:30 pm - Gate closes, candidates will not be allowed after this time | 3:30 pm Submit button will be enabled | 5:00 pm exam ends.



4. Candidates will be permitted to appear for the examination ONLY after their credentials are verified by center officials.
5. Candidates are advised to locate the examination center at least a day prior to the examination, so that they can reach the center on time for the examination.

**STATIONERY REQUIREMENTS:**

- A4 sheets will be provided to candidates for rough work. Candidates have to write their name and registration number on the A4 Sheets before they start using it. The A4 sheets must be returned to the invigilator at the end of the examination.
- On-screen calculator will be available during the exam. Candidates are advised to familiarize themselves with this virtual Scientific calculator well ahead of the exam.  
Link: <https://www.tcsion.com/OnlineAssessment/ScientificCalculator/Calculator.html>
- You should bring your own pen/pencil; it will NOT be given at the examination centre.

**DRESS CODE:**

- Candidates are expected to come in professional attire to write the exams.
- Candidates wearing SHORTS will NOT be permitted inside the exam hall.

**PERMITTED:**

- You may bring non-electronic vehicle keys inside the exam hall.
- You are advised to carry your own drinking water in a transparent bottle.
- Candidates are allowed to bring sanitizer in a small transparent bottle.

**NOT PERMITTED:**

- Watches, wallets, mobile phones, Bluetooth devices, microphones, pagers, health bands or any other electronic gadgets, any printed/blank/handwritten paper, log tables, writing pads, scales, geometry/pencil-boxes, pouches, calculators, pen drives, electronic pens, handbags, goggles, electronic vehicle keys or similar such items are NOT allowed inside the examination centre. There may not be any facility for the safekeeping of these devices outside the examination hall; it will be prudent not to bring valuables to the examination center. Candidates will not be permitted to carry any food items in the exam centre. We suggest that you bring a bag to keep routine belongings outside the exam hall. Neither NPTEL nor the exam provider takes responsibility for the bag and the belongings. You may keep it outside at your own risk.

**MANDATORY :**

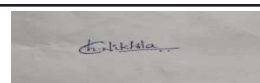
- Hall tickets have to be returned to the invigilator before leaving the exam hall. No paper can be taken out of the exam hall.
- Press the SUBMIT button on the computer after you have completed the exam.

**IMPORTANT:**

- A basic code of conduct during the exam should be followed, failing which, NPTEL reserves the right to take appropriate action.
- In case the exam is delayed due to any unforeseen circumstances, NPTEL will decide on the appropriate course of action as it deems fit.

**AT THE EXAM CENTRE, IF YOU ENCOUNTER ANY ISSUES WITH RESPECT TO THE COMPUTER OR EXAM OFFICIALS, KINDLY CONTACT THE NPTEL EXAM REPRESENTATIVE, WHO WILL BE AVAILABLE AT THE CENTRE.**

I HEREBY ACKNOWLEDGE THAT I HAVE READ, UNDERSTOOD AND AGREE TO FOLLOW THE ABOVE MENTIONED INSTRUCTIONS.



**Signature of the Candidate**





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**CHINNAMSETTY SAI KEERTHI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **76** %

Online Assignments	25/25	Proctored Exam	50.51/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006470

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**DHARAVATH RAJ KUMAR**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **66** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005468

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**ESHWAR VARMA ACHA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **77** %

Online Assignments	24.69/25	Proctored Exam	52.04/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147003951

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**TIRTHA GONEPELly**  
for successfully completing the course

## Data Analytics with Python

with a consolidated score of **68** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247004658

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**JANAPATI MANASA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **88** %

Online Assignments	25/25	Proctored Exam	62.75/75
--------------------	-------	----------------	----------



Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147000530

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**KANCHIPATI CHANDRA VENKATA KOUSHIK**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **77** %

Online Assignments	24.69/25	Proctored Exam	52.04/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247003193

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**AJAY**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **60** %

Online Assignments	25/25	Proctored Exam	35.21/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247003109

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत

This certificate is awarded to

**K MRUDULA**

for successfully completing the course

**Data Analytics with Python**

with a consolidated score of **65** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247001248

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



*This certificate is awarded to*

**MALLISETTI ROHAN SIDDARTH**

*for successfully completing the course*

**Data Analytics with Python**



*with a consolidated score of* **80** %

Online Assignments	24.69/25	Proctored Exam	55.1/75
--------------------	----------	----------------	---------

*Total number of candidates certified in this course:* **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006518

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**MEKALA SAI CHAITANYA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **80** %

Online Assignments	25/25	Proctored Exam	55.1/75
--------------------	-------	----------------	---------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005492

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**PAVANI SOLIPURAM**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **79** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247004706

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत

This certificate is awarded to  
**POLE SAMPATH KUMAR**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **65** %

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

Total number of candidates certified in this course: 10022

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006596

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to  
**SANTOON KUMAR PANDA**  
for successfully completing the course



**Data Analytics with Python**

with a consolidated score of **92** %

Online Assignments	25/25	Proctored Exam	67.35/75
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Total number of candidates certified in this course: **10022**

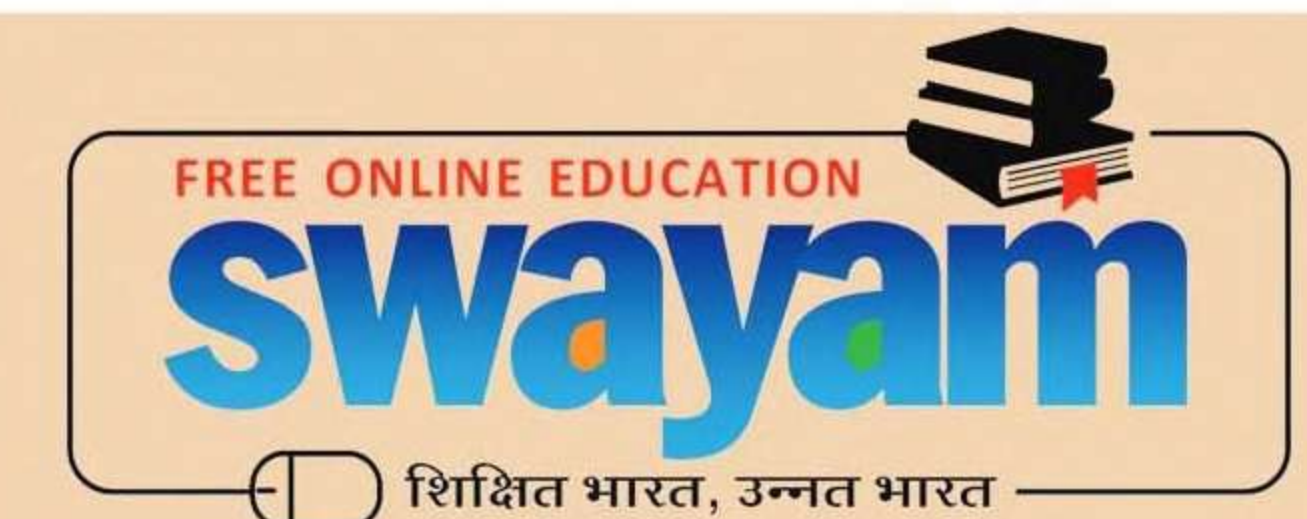
**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005622

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**SIRIYAPUREDDY PRANAVI SREE**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **91** %

Online Assignments	24.69/25	Proctored Exam	65.82/75
--------------------	----------	----------------	----------



Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006575

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**SOMIDI SAMATHA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **82** %

Online Assignments	25/25	Proctored Exam	56.63/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006593

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**SRIRAM RISHMITH MIRIYALA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **76** %

Online Assignments	25/25	Proctored Exam	50.51/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee




Roll No: NPTEL25CS17S1147005642




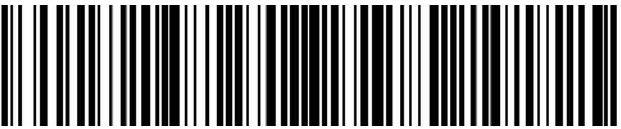
To verify the certificate



No. of credits recommended: 3 or 4



MORNING SESSION (FN)	National Programme on Technology Enhanced Learning		 <b>NPTEL</b>
Hall Ticket For	SEM1NOC25: CS17 Data Analytics with Python - Online		

Candidate Name	Afreen Mohammad					
Roll No	NOC25CS17S1147002122	Seating Number	47002122			
Date of Birth	26-04-2004					
PwD Status	No	Compensatory Time Required	No	Scribe Required		No
Exam Date	Sunday, 04 May, 2025					
Reporting Time	08:00 am	Gate Closure	09:30 am			
Exam Timing	09:00 am	Shift	FN			
Test Centre Name	iON Digital Zone iDZ Arunodaya Nagar					
Test Centre Address	Plot No 9, Arunodaya Nagar, On Vijayawada Highway, Near Bhagyalatha Bus stop, Hayathnagar, Ranga Reddy District, Hyderabad, Telangana, India - 500068					
 NPTEL COORDINATOR						

<p align="center"><b>NPTEL EXAM - 04 MAY, 2025</b>  <b>General instructions for candidates - FN</b>  (All timings mentioned here are in IST)</p> <p><b>The total duration of the examination is 180 minutes.</b>  <b>Candidates will be permitted to leave the examination hall only after 10:30 am, on a need basis.</b></p> <p><b>Hall ticket and Entry:</b></p> <ol style="list-style-type: none"> <li>The Hall Ticket must be presented for verification along with one original photo identification (not photocopy or scanned copy). Examples of acceptable photo identification documents are School ID, College ID, Employee ID, Driving License, Passport, PAN card, Voter ID, and Aadhaar-ID. A printed copy of the hall ticket and original photo ID card should be brought to the exam centre. Hall ticket and ID card copies on the phone will not be permitted.</li> <li>This Hall Ticket is valid only if the candidate's photograph and signature images are legible. To ensure this, print the Hall Ticket on A4-sized paper using a laser printer, preferably a color photo printer.</li> <li><b>TIMELINE:</b> 8:00 am - Report to the examination venue   8:40 am - Candidates will be permitted to occupy their allotted seats   8:50 am - Candidates can login and start reading instructions prior to the examination   9:00 am - Exam starts   9:30 am - Gate closes, candidates will not be allowed after this time   10:30 am Submit button will be enabled   12:00 pm exam ends.</li> </ol>	<p align="right"><b>P.T.O.</b></p>
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4. Candidates will be permitted to appear for the examination ONLY after their credentials are verified by center officials.
5. Candidates are advised to locate the examination center at least a day prior to the examination, so that they can reach the center on time for the examination.

**STATIONERY REQUIREMENTS:**

- A4 sheets will be provided to candidates for rough work. Candidates have to write their name and registration number on the A4 Sheets before they start using it. The A4 sheets must be returned to the invigilator at the end of the examination.
- On-screen calculator will be available during the exam. Candidates are advised to familiarize themselves with this virtual Scientific calculator well ahead of the exam.  
Link: <https://www.tcsion.com/OnlineAssessment/ScientificCalculator/Calculator.html>
- You should bring your own pen/pencil; it will NOT be given at the examination centre.

**DRESS CODE:**

- Candidates are expected to come in professional attire to write the exams.
- Candidates wearing SHORTS will NOT be permitted inside the exam hall.

**PERMITTED:**

- You may bring non-electronic vehicle keys inside the exam hall.
- You are advised to carry your own drinking water in a transparent bottle.
- Candidates are allowed to bring sanitizer in a small transparent bottle.

**NOT PERMITTED:**

- Watches, wallets, mobile phones, Bluetooth devices, microphones, pagers, health bands or any other electronic gadgets, any printed/blank/handwritten paper, log tables, writing pads, scales, geometry/pencil-boxes, pouches, calculators, pen drives, electronic pens, handbags, goggles, electronic vehicle keys or similar such items are NOT allowed inside the examination centre. There may not be any facility for the safekeeping of these devices outside the examination hall; it will be prudent not to bring valuables to the examination center. Candidates will not be permitted to carry any food items in the exam centre. We suggest that you bring a bag to keep routine belongings outside the exam hall. Neither NPTEL nor the exam provider takes responsibility for the bag and the belongings. You may keep it outside at your own risk.

**MANDATORY :**

- Hall tickets have to be returned to the invigilator before leaving the exam hall. No paper can be taken out of the exam hall.
- Press the SUBMIT button on the computer after you have completed the exam.

**IMPORTANT:**

- A basic code of conduct during the exam should be followed, failing which, NPTEL reserves the right to take appropriate action.
- In case the exam is delayed due to any unforeseen circumstances, NPTEL will decide on the appropriate course of action as it deems fit.

**AT THE EXAM CENTRE, IF YOU ENCOUNTER ANY ISSUES WITH RESPECT TO THE COMPUTER OR EXAM OFFICIALS, KINDLY CONTACT THE NPTEL EXAM REPRESENTATIVE, WHO WILL BE AVAILABLE AT THE CENTRE.**

I HEREBY ACKNOWLEDGE THAT I HAVE READ, UNDERSTOOD AND AGREE TO FOLLOW THE ABOVE MENTIONED INSTRUCTIONS.



**Signature of the Candidate**





# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**RAITHU SRIJA**

for successfully completing the course

**Data Analytics with Python**

with a consolidated score of **55** %

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

Total number of candidates certified in this course: **10022**

Prof. Kaushik Ghosh,  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**

(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147003925

To verify the certificate



No. of credits recommended: 3 or 4





# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**RAITHU SRIJA**

for successfully completing the course

**Data Analytics with Python**

with a consolidated score of **55** %

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

Total number of candidates certified in this course: **10022**

Prof. Kaushik Ghosh,  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**

(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147003925

To verify the certificate



No. of credits recommended: 3 or 4





# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**RAITHU SRIJA**

for successfully completing the course

**Data Analytics with Python**

with a consolidated score of **55** %

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

Total number of candidates certified in this course: **10022**

Prof. Kaushik Ghosh,  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**

(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147003925

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**DENDUKURI DHEERAJ BABU**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **88** %

Online Assignments	25/25	Proctored Exam	62.75/75
--------------------	-------	----------------	----------



Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247003103

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**NALLA TARUN REDDY**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **85** %

Online Assignments	25/25	Proctored Exam	59.69/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147003946

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to

**YASASRI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **68** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147004005

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**AFREEN MOHAMMAD**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **71** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147002122

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**BALIJIREDDY LEELA PRASAD**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **68** %

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

Total number of candidates certified in this course: **10022**

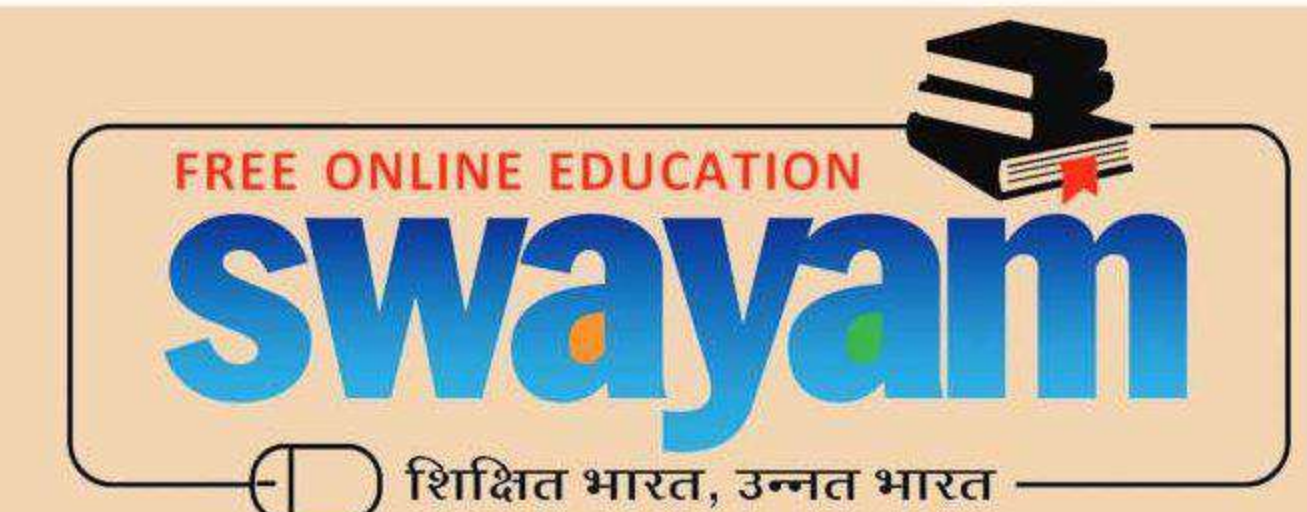
**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147000500

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**GAJJALA JAIDEEP**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **82** %

Online Assignments	25/25	Proctored Exam	56.63/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147000533

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**MATAM SHRESHTA**

for successfully completing the course

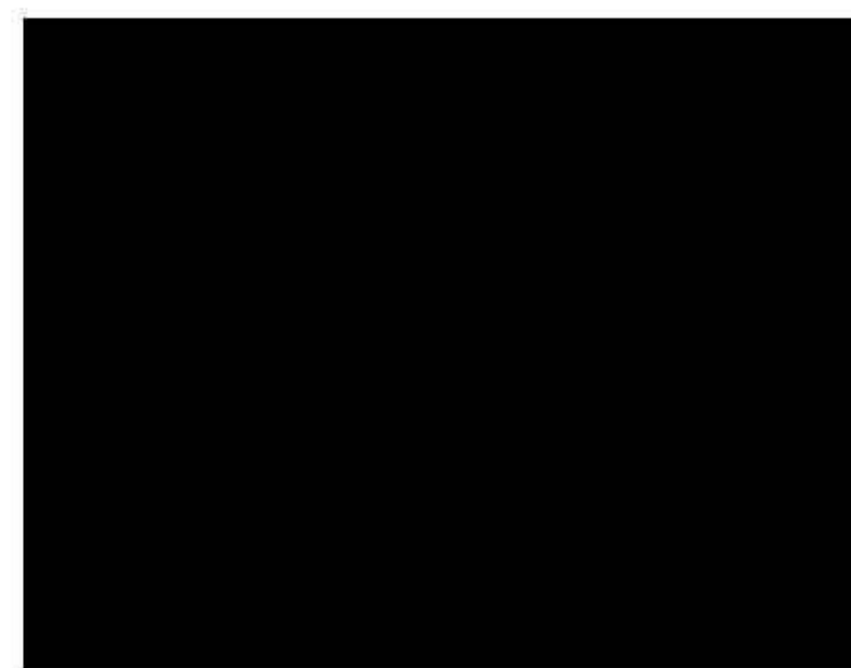
**Data Analytics with Python**



with a consolidated score of **66** %

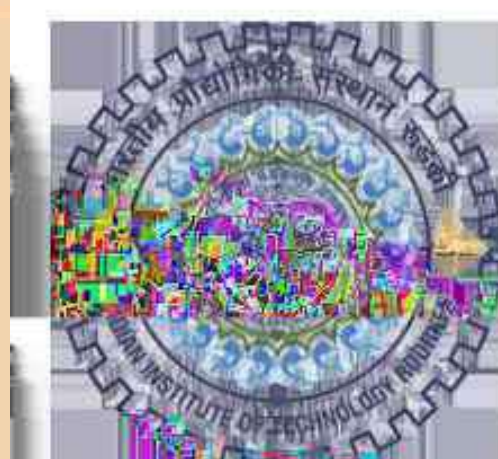
Online Assignments	25/25	Proctored Exam	41.33/75
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Total number of candidates certified in this course: **10022**



**Jan-Apr 2025**

**(12 week course)**



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006624

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SHAYAAN**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **60** %

Online Assignments	25/25	Proctored Exam	34.67/75
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Total number of candidates certified in this course: **10022**

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

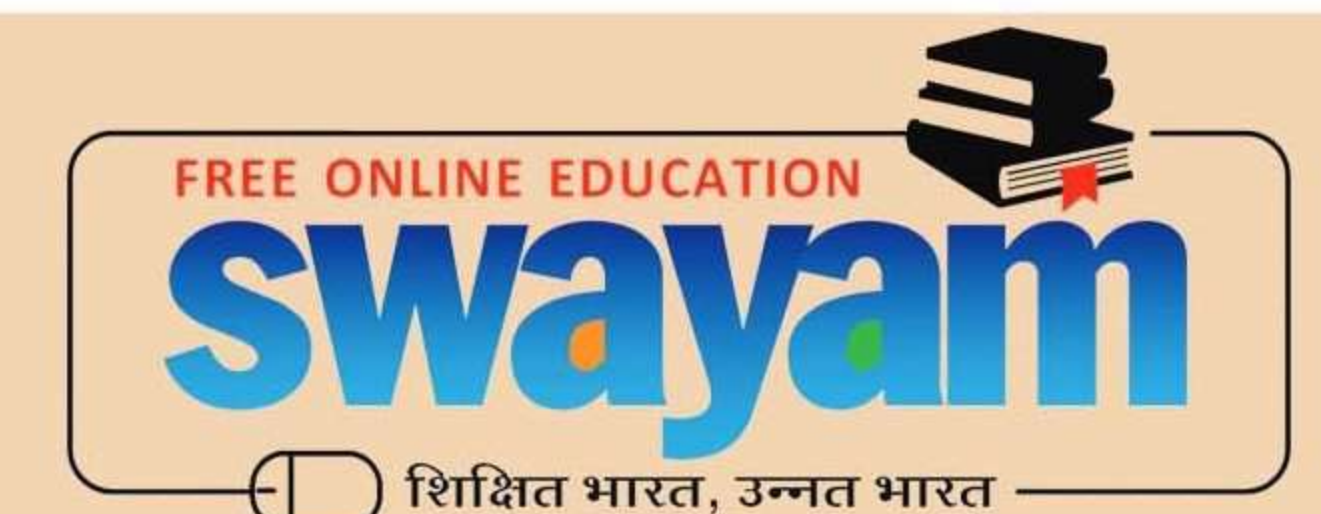
**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1253800108

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to  
**GUDELLY VISHNUVARDHAN**  
for successfully completing the course



**Data Analytics with Python**

with a consolidated score of **77** %

Online Assignments	25/25	Proctored Exam	52.04/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147004041

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**MAKKALA VINOD**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **82** %

Online Assignments	25/25	Proctored Exam	56.63/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147003959

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**MALLA THARUNI**

for successfully completing the course



**Data Analytics with Python**

with a consolidated score of **60** %

Online Assignments	25/25	Proctored Exam	34.67/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147003991

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत

This certificate is awarded to

**K NITHYA**

for successfully completing the course

**Data Analytics with Python**

with a consolidated score of **85** %

Online Assignments	25/25	Proctored Exam	59.69/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005564

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**KAYALA SAI RISHITHA**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **72** %

Online Assignments	25/25	Proctored Exam	47.45/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005474

To verify the certificate



No. of credits recommended: 3 or 4





# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**KONATALA NIKHIL REDDY**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **56** %

Online Assignments	25/25	Proctored Exam	30.62/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006539

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**MARIYALA ROHITH**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **82** %

Online Assignments	25/25	Proctored Exam	56.63/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006554

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**MARIYALA ROHITH**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **82** %

Online Assignments	25/25	Proctored Exam	56.63/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006554

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to

**N SANDHYA BHAVANI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **71** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147000553

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**N SANDHYA BHAVANI**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **71** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147000553

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**NEELA SHIVA PRASAD**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **75** %

Online Assignments	25/25	Proctored Exam	49.98/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006530

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SHAYAAN**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **60** %

Online Assignments	25/25	Proctored Exam	34.67/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

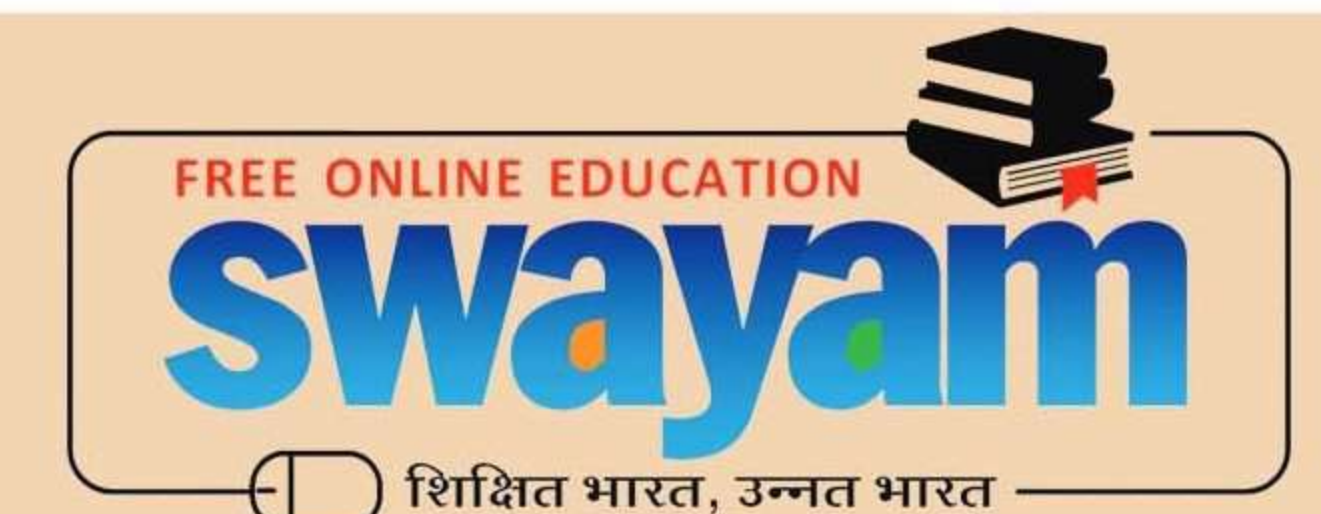
**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1253800108

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to

**RACHEL ANN VATTI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **66** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005573

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to  
**VENIGALLA GOPI KRISHNA**  
for successfully completing the course



**Data Analytics with Python**

with a consolidated score of **76** %

Online Assignments	25/25	Proctored Exam	50.51/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147002089

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**PULIPATI SRUTHI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **82** %

Online Assignments	25/25	Proctored Exam	56.63/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

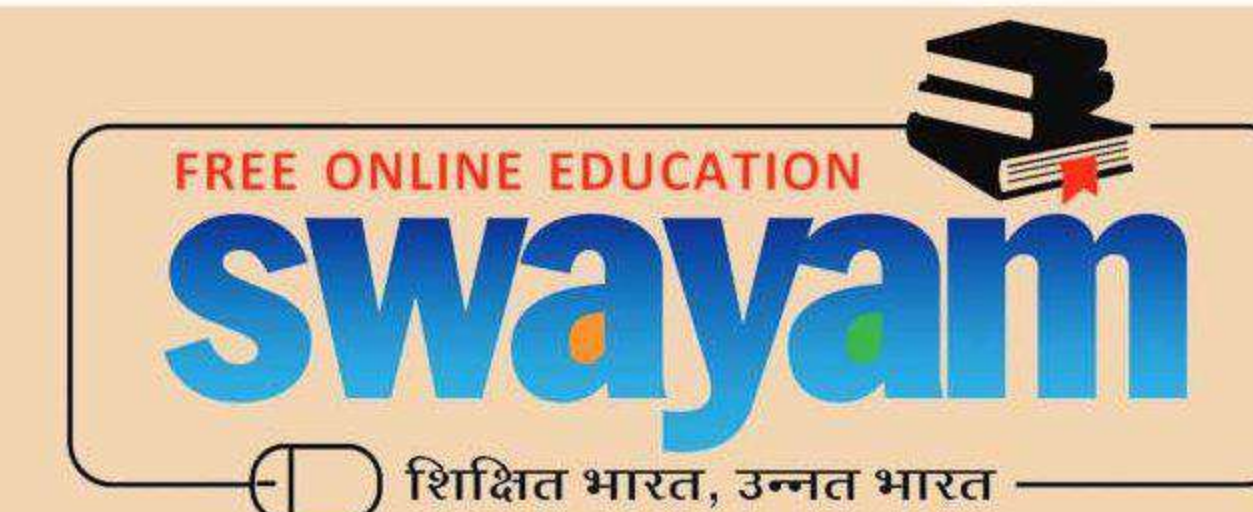
**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147003969

To verify the certificate



No. of credits recommended: 3 or 4





# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**PURAM SATHWIKA**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **56** %

Online Assignments	25/25	Proctored Exam	30.62/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006622

To verify the certificate



No. of credits recommended: 3 or 4





# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**PURAM SATHWIKA**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **56** %

Online Assignments	25/25	Proctored Exam	30.62/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006622

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**JAYASURYAPRAKASH MAKKA**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **65** %

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

Total number of candidates certified in this course: **10022**

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

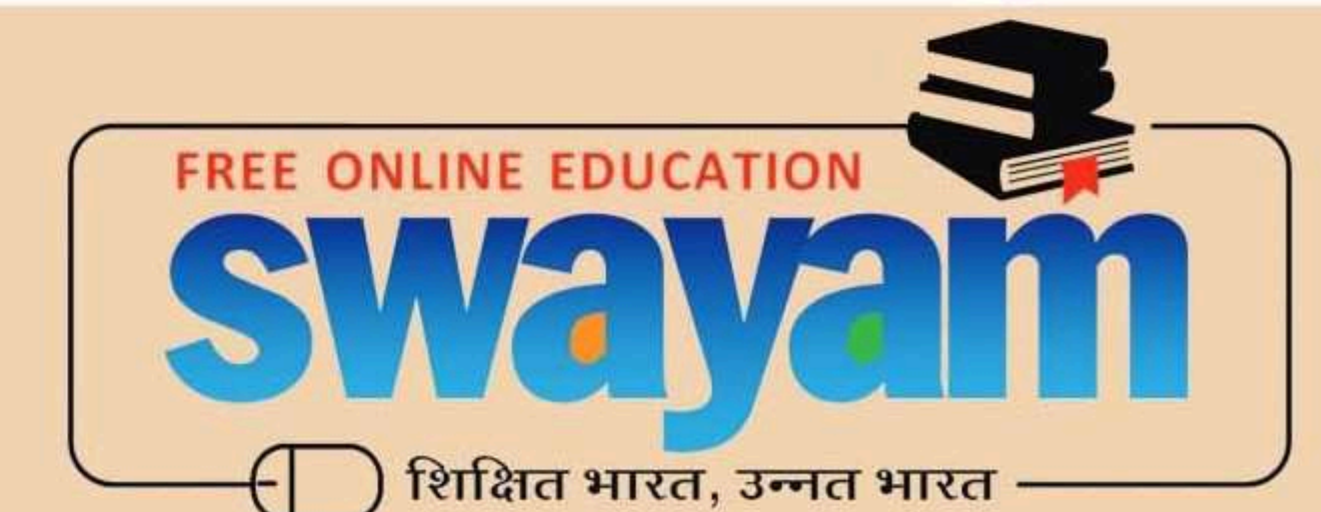
**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247001194

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to

**G MURALI SHASHANK**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **65** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006533

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**VEMULA NISHITHA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **75** %

Online Assignments	25/25	Proctored Exam	49.98/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006608

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**MADUGULA DHEERAJ**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **83** %

Online Assignments	25/25	Proctored Exam	58.16/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147002211

To verify the certificate



No. of credits recommended: 3 or 4





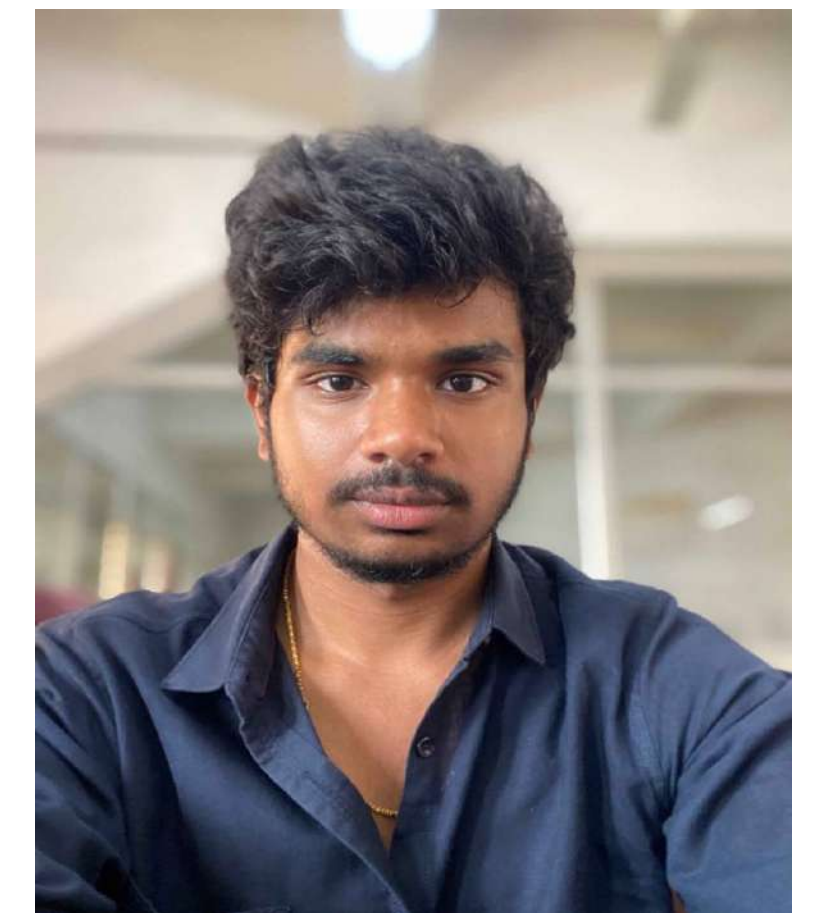
Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**MEEGADA ABHINAV**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **68** %

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

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**  
(12 week course)

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147007345

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**MAHANTH PRATEEK N**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **76** %

Online Assignments	25/25	Proctored Exam	50.51/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

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



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005612

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**MAHANTH PRATEEK N**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **76** %

Online Assignments	25/25	Proctored Exam	50.51/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

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

**Jan-Apr 2025**

**(12 week course)**

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005612

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to  
**ITHAGONI PREM KUMAR**  
for successfully completing the course



**Data Analytics with Python**

with a consolidated score of **90** %

Online Assignments	25/25	Proctored Exam	65.29/75
--------------------	-------	----------------	----------



Total number of candidates certified in this course: **10022**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**

**(12 week course)**

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005504

To verify the certificate



No. of credits recommended: 3 or 4





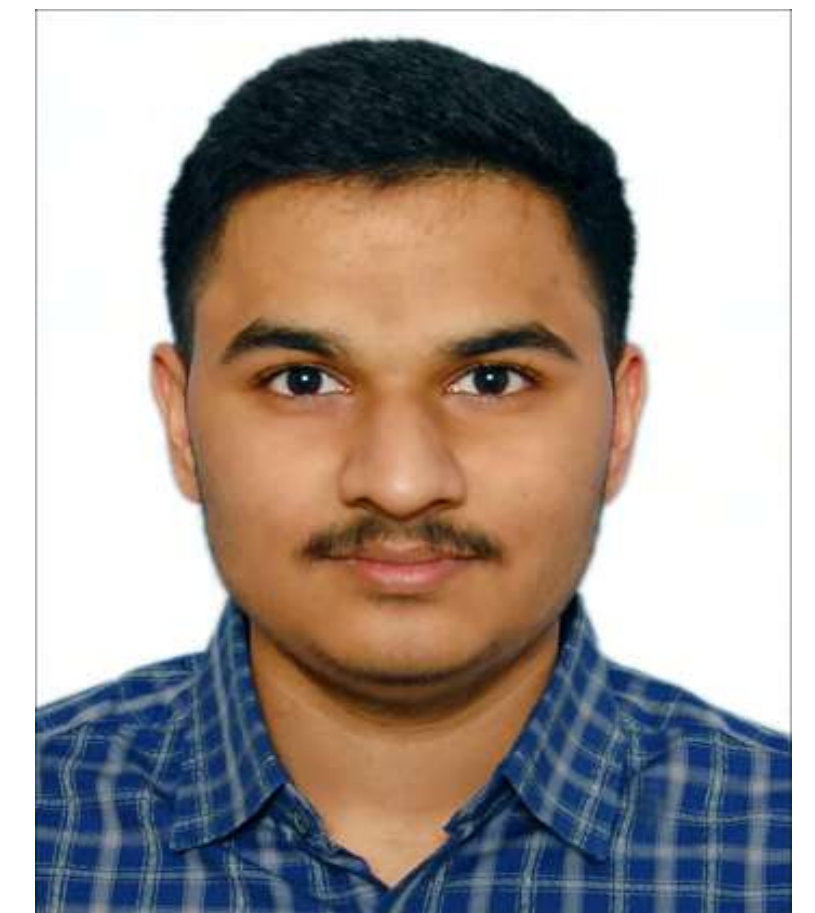
Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**MUVVA ADITYAVARDHAN**  
for successfully completing the course



**Data Analytics with Python**

with a consolidated score of **92** %

Online Assignments	25/25	Proctored Exam	67.35/75
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Total number of candidates certified in this course: **10022**

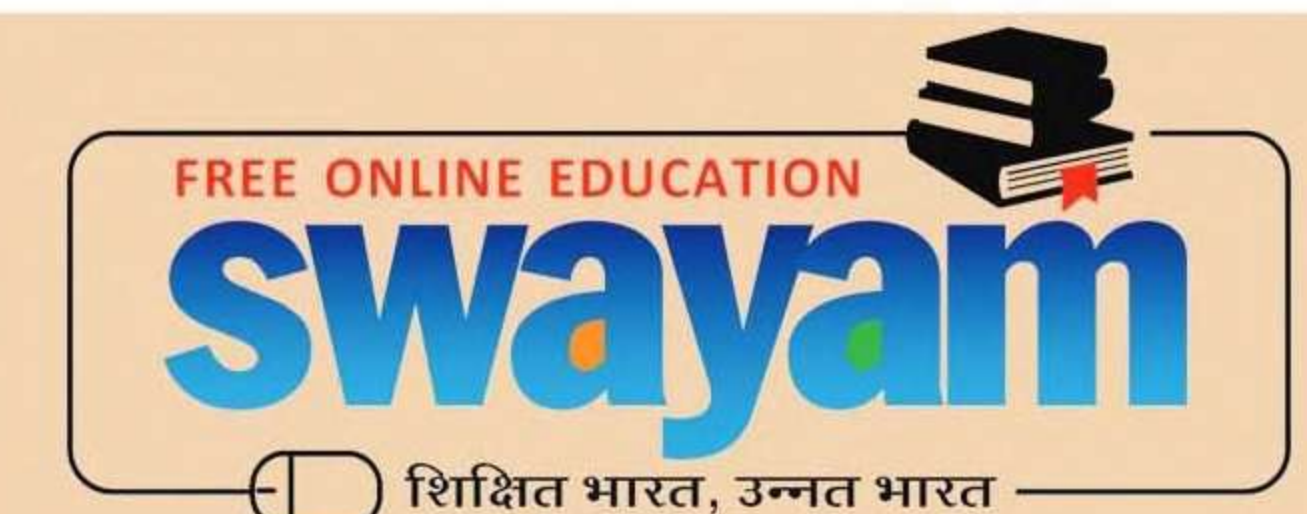
**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**  
(12 week course)

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247003225

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**VEMULA NISHITHA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **75** %

Online Assignments	25/25	Proctored Exam	49.98/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**

**(12 week course)**

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



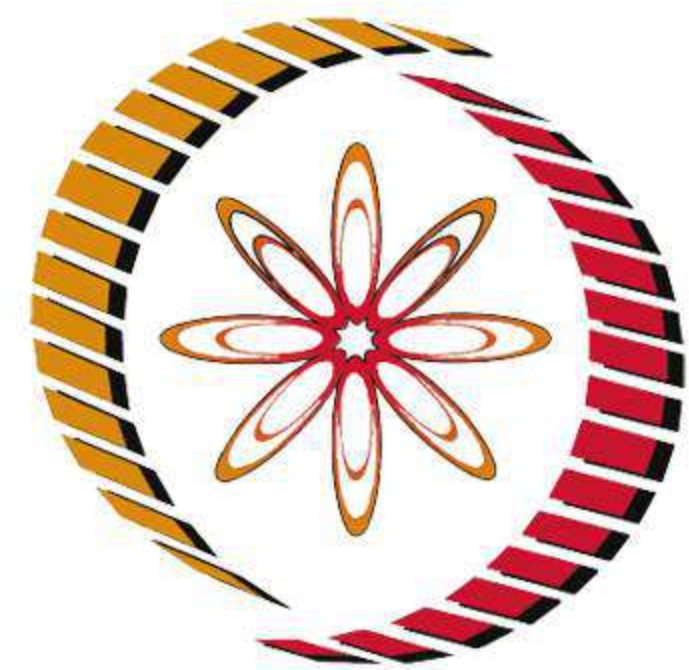
Roll No: NPTEL25CS17S1247006608

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**MAKKALA VINOD**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **82** %

Online Assignments	25/25	Proctored Exam	56.63/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**

**(12 week course)**

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147003959

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**NAGAPATLA ROHAN VENKAT**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **68** %

Online Assignments	25/25	Proctored Exam	42.86/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**  
(12 week course)

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005534

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**KAUSHAL KULKARNI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **80** %

Online Assignments	25/25	Proctored Exam	55.1/75
--------------------	-------	----------------	---------

Total number of candidates certified in this course: **10022**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**

**(12 week course)**

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147000559

To verify the certificate



No. of credits recommended: 3 or 4









**Elite**

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to  
**MAKTALA SURAJ**  
for successfully completing the course

**Data Analytics with Python**

with a consolidated score of **90** %

Online Assignments	25/25	Proctored Exam	65.29/75
--------------------	-------	----------------	----------



Total number of candidates certified in this course: **10022**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**  
(12 week course)

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147003937

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**R BHUPESH VARMA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **82** %

Online Assignments	25/25	Proctored Exam	56.63/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**

**(12 week course)**

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247003190

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**REMUDALA MAMATHA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **83** %

Online Assignments	25/25	Proctored Exam	58.16/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

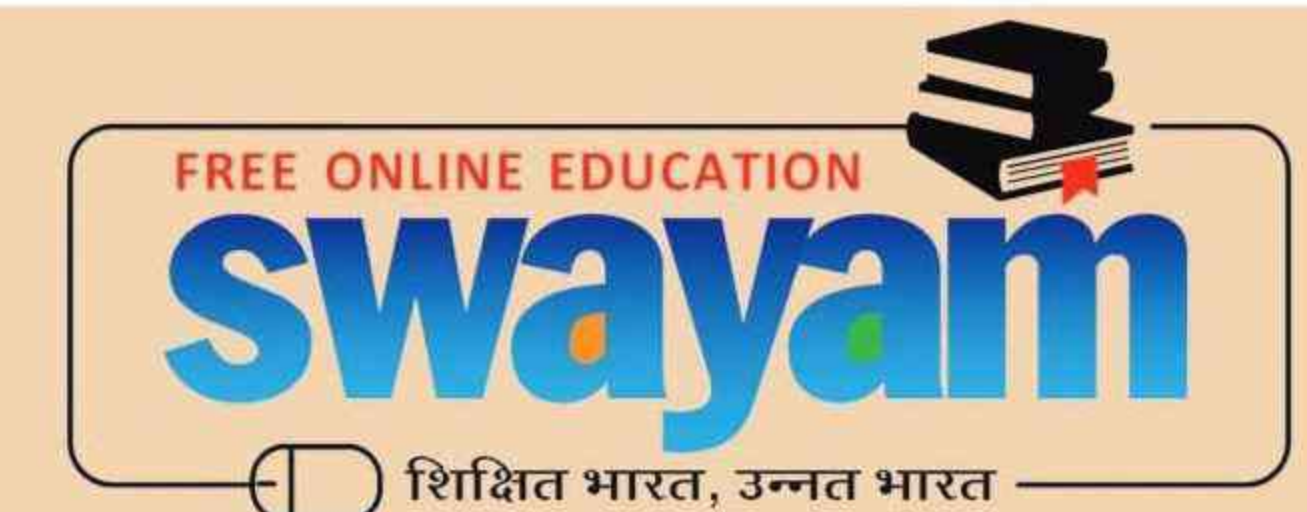
**Jan-Apr 2025**

**(12 week course)**

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247001242

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**REMUDALA MAMATHA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **83** %

Online Assignments	25/25	Proctored Exam	58.16/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**

**(12 week course)**

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247001242

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत

This certificate is awarded to

**ROHAN CHADHA**

for successfully completing the course

**Data Analytics with Python**

with a consolidated score of **82** %

Online Assignments	25/25	Proctored Exam	56.63/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**

**(12 week course)**

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147002146

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**SATHWIK A MOLUGURI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **79** %

Online Assignments	25/25	Proctored Exam	53.57/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**

**(12 week course)**

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005648

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**SATHWIK A MOLUGURI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **79** %

Online Assignments	25/25	Proctored Exam	53.57/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**

**(12 week course)**

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005648

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**RAVULA PRANAVI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **86** %

Online Assignments	25/25	Proctored Exam	61.22/75
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Total number of candidates certified in this course: **10022**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

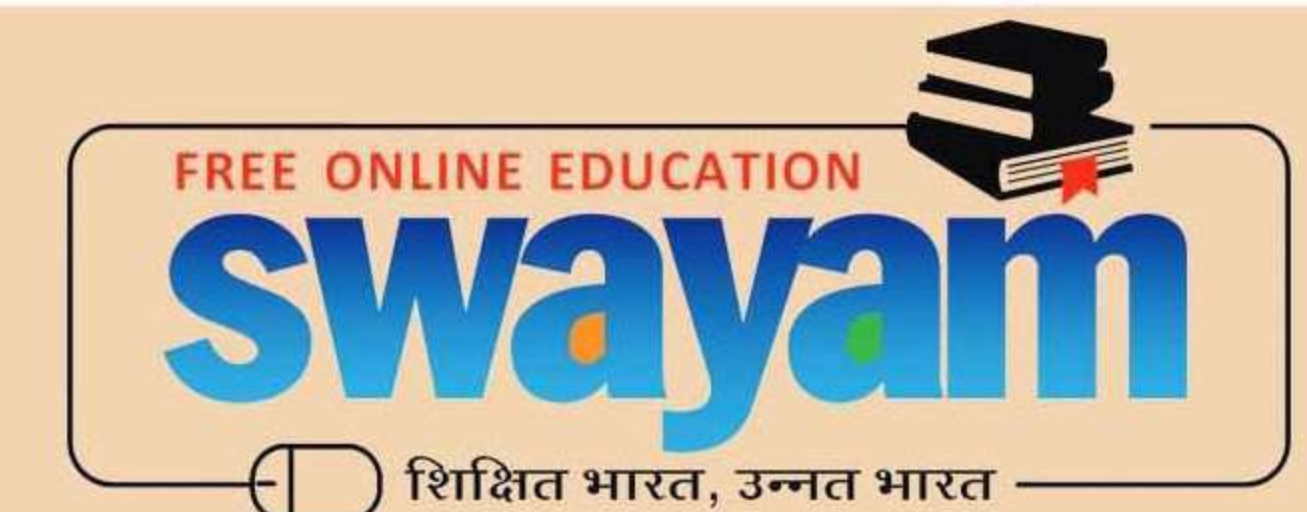
**Jan-Apr 2025**

**(12 week course)**

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005610

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**RAVULA PRANAVI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **86** %

Online Assignments	25/25	Proctored Exam	61.22/75
--------------------	-------	----------------	----------



Total number of candidates certified in this course: **10022**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**

**(12 week course)**

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005610

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**THIRUPATHI AARTHI**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **72** %

Online Assignments	25/25	Proctored Exam	47.45/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**

**(12 week course)**

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247008213

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to  
**VANCHA RITHVICK REDDY**  
for successfully completing the course



**Data Analytics with Python**

with a consolidated score of **76** %

Online Assignments	25/25	Proctored Exam	50.51/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**  
(12 week course)

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005644

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

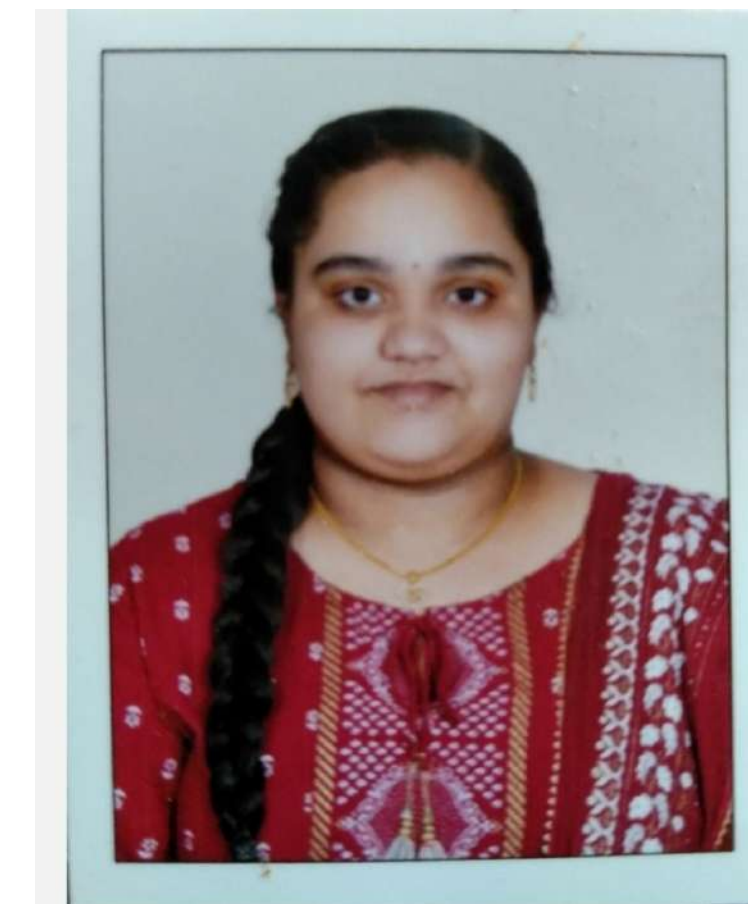


This certificate is awarded to

**R LAKSHMI SRAVANI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **80** %

Online Assignments	25/25	Proctored Exam	55.1/75
--------------------	-------	----------------	---------

Total number of candidates certified in this course: **10022**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**

**(12 week course)**

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247001239

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to  
**CHINTAKUNTA VAGMI REDDY**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **66** %

Online Assignments	24.69/25	Proctored Exam	41.33/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **10022**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**

**(12 week course)**

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247004622

To verify the certificate



No. of credits recommended: 3 or 4





**Elite**

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to  
**MAKTALA SURAJ**  
for successfully completing the course

**Data Analytics with Python**

with a consolidated score of **90** %

Online Assignments	25/25	Proctored Exam	65.29/75
--------------------	-------	----------------	----------



Total number of candidates certified in this course: **10022**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**  
(12 week course)

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147003937

To verify the certificate



No. of credits recommended: 3 or 4





**Elite**

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to  
**MAKTALA SURAJ**  
for successfully completing the course

**Data Analytics with Python**

with a consolidated score of **90** %

Online Assignments	25/25	Proctored Exam	65.29/75
--------------------	-------	----------------	----------



Total number of candidates certified in this course: **10022**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**  
(12 week course)

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147003937

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



*This certificate is awarded to*

AMANDU REVANTH

*for successfully completing the course*

**Data Analytics with Python**



*with a consolidated score of 75 %*

<b>Online Assignments</b>	25/25	<b>Proctored Exam</b>	49.98/75
---------------------------	-------	-----------------------	----------

*Total number of candidates certified in this course: 10022*

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**  
**(12 week course)**

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee







Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**ARRA DEEPTHI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **77** %

Online Assignments	25/25	Proctored Exam	52.04/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**

**(12 week course)**

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147002203

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to  
**ARUGONDA MANI CHANDRA**  
for successfully completing the course



**Data Analytics with Python**

with a consolidated score of **94** %

Online Assignments	25/25	Proctored Exam	68.88/75
--------------------	-------	----------------	----------



Total number of candidates certified in this course: **10022**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**  
(12 week course)

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247001200

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत

This certificate is awarded to

**B KRISHNA KUMAR**

for successfully completing the course

**Data Analytics with Python**

with a consolidated score of **68** %

Online Assignments	25/25	Proctored Exam	42.86/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**

**(12 week course)**

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247001236

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**BALIJIREDDY LEELA PRASAD**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **68** %

Online Assignments	25/25	Proctored Exam	42.86/75
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Total number of candidates certified in this course: **10022**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

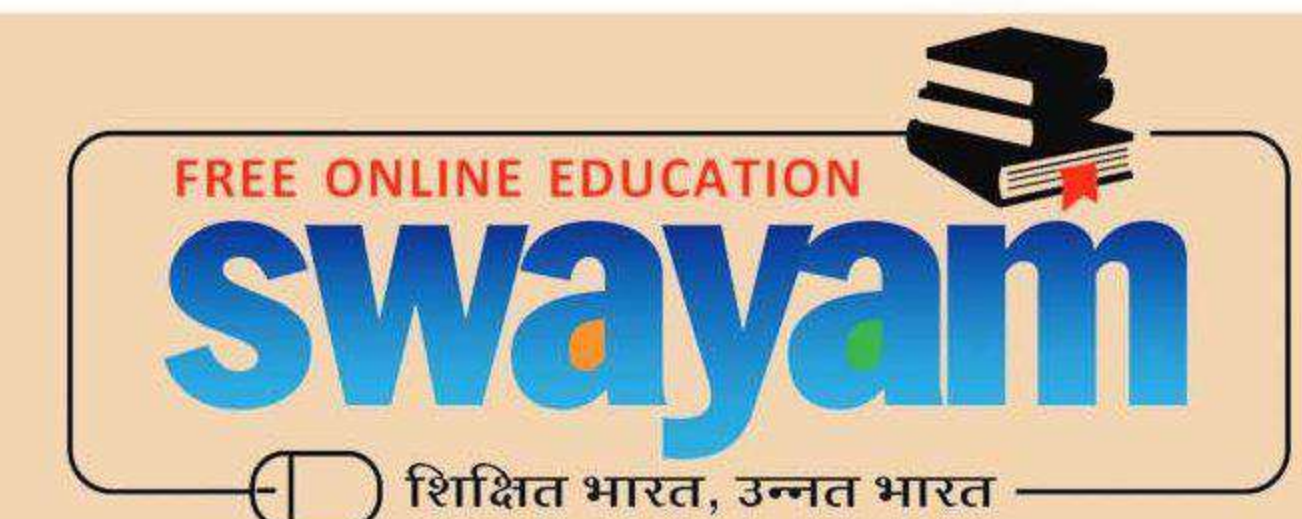
**Jan-Apr 2025**

**(12 week course)**

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147000500

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**BALIJIREDDY LEELA PRASAD**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **68** %

Online Assignments	25/25	Proctored Exam	42.86/75
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Total number of candidates certified in this course: **10022**

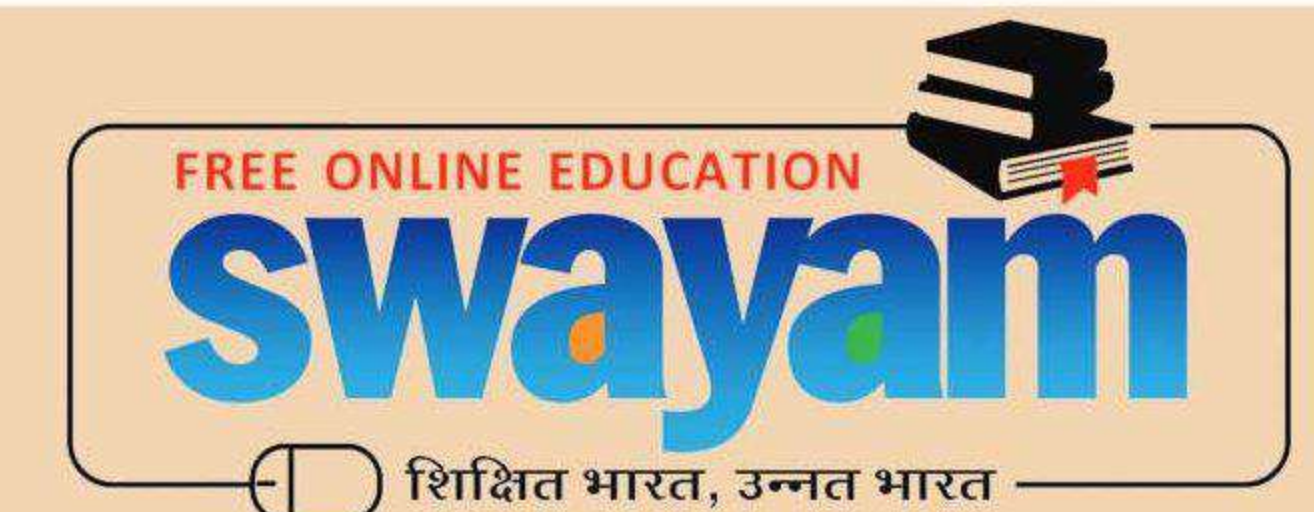
**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**  
(12 week course)

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147000500

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**BANOTHU GOWTHAM NAIK**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **63** %

Online Assignments	25/25	Proctored Exam	38.27/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**  
(12 week course)

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147002215

To verify the certificate



No. of credits recommended: 3 or 4





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# NPTEL ONLINE CERTIFICATION

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**Skill India**

कौशल भारत - कुशल भारत

This certificate is awarded to

**BATHINI RUPA VENKATA LAXMI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **69** %

Online Assignments	25/25	Proctored Exam	44.39/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**

**(12 week course)**

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005510

To verify the certificate



No. of credits recommended: 3 or 4





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# NPTEL ONLINE CERTIFICATION

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Skill India

कौशल भारत - कुशल भारत

This certificate is awarded to

**BATHINI RUPA VENKATA LAXMI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **69** %

Online Assignments	25/25	Proctored Exam	44.39/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**

**(12 week course)**

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005510

To verify the certificate



No. of credits recommended: 3 or 4





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# NPTEL ONLINE CERTIFICATION

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**Skill India**  
कौशल भारत - कुशल भारत

This certificate is awarded to

**BODDU KAVYA**

for successfully completing the course

**Data Analytics with Python**

with a consolidated score of **76** %

Online Assignments	25/25	Proctored Exam	50.51/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**

**(12 week course)**

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147000497

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**CHINTAKUNTA VAGMI REDDY**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **66** %

Online Assignments	24.69/25	Proctored Exam	41.33/75
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Total number of candidates certified in this course: **10022**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**  
(12 week course)

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247004622

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

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**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**DANDYALA LEYHA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **75** %

Online Assignments	25/25	Proctored Exam	49.98/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**

**(12 week course)**

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147000503

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**DANDYALA LEYHA**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **75** %

Online Assignments	25/25	Proctored Exam	49.98/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**

**(12 week course)**

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147000503

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**RAVI TEJA DONDAPATI**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **69** %

Online Assignments	25/25	Proctored Exam	44.39/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**  
(12 week course)

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005507

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**G MURALI SHASHANK**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **65** %

Online Assignments	25/25	Proctored Exam	39.8/75
--------------------	-------	----------------	---------

Total number of candidates certified in this course: **10022**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**  
(12 week course)

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006533

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

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**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to  
**LINGALA JEEVAN REDDY**  
for successfully completing the course



**Data Analytics with Python**

with a consolidated score of **92** %

Online Assignments	25/25	Proctored Exam	67.35/75
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Total number of candidates certified in this course: **10022**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**  
(12 week course)

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247001209

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**LINGALA JEEVAN REDDY**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **92** %

Online Assignments	25/25	Proctored Exam	67.35/75
--------------------	-------	----------------	----------



Total number of candidates certified in this course: **10022**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**

**(12 week course)**

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247001209

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**

कौशल भारत - कुशल भारत



This certificate is awarded to

**LINGALA JEEVAN REDDY**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **92** %

Online Assignments	25/25	Proctored Exam	67.35/75
--------------------	-------	----------------	----------



Total number of candidates certified in this course: **10022**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**

**(12 week course)**

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247001209

To verify the certificate



No. of credits recommended: 3 or 4





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# NPTEL ONLINE CERTIFICATION

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**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**LINGALA JEEVAN REDDY**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **92** %

Online Assignments	25/25	Proctored Exam	67.35/75
--------------------	-------	----------------	----------



Total number of candidates certified in this course: **10022**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**

**(12 week course)**

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247001209

To verify the certificate



No. of credits recommended: 3 or 4





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# NPTEL ONLINE CERTIFICATION

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**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to  
**PATHURI KRISHNAMA CHARY**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **76** %

Online Assignments	25/25	Proctored Exam	50.51/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**  
(12 week course)

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247001158

To verify the certificate



No. of credits recommended: 3 or 4





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# NPTEL ONLINE CERTIFICATION

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**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**SIDDOJU NAGAVARSHITH**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **83** %

Online Assignments	25/25	Proctored Exam	58.16/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**

**(12 week course)**

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1147005672

To verify the certificate



No. of credits recommended: 3 or 4





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# NPTEL ONLINE CERTIFICATION

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**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**SATHVIK GUNUGANTI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **82** %

Online Assignments	25/25	Proctored Exam	56.63/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**

**(12 week course)**

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006347

To verify the certificate



No. of credits recommended: 3 or 4





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# NPTEL ONLINE CERTIFICATION

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**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**SATHVIK GUNUGANTI**

for successfully completing the course

**Data Analytics with Python**



with a consolidated score of **82** %

Online Assignments	25/25	Proctored Exam	56.63/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**

**(12 week course)**

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247006347

To verify the certificate



No. of credits recommended: 3 or 4





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# NPTEL ONLINE CERTIFICATION

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**Skill India**

कौशल भारत - कुशल भारत

This certificate is awarded to

**PETA SRAVANI**

for successfully completing the course

**Data Analytics with Python**

with a consolidated score of **79** %

Online Assignments	25/25	Proctored Exam	53.57/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**

**(12 week course)**

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247004672

To verify the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**INDUKURI SOUREESH VARMA**  
for successfully completing the course



## Data Analytics with Python

with a consolidated score of **77** %

Online Assignments	25/25	Proctored Exam	52.04/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **10022**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jan-Apr 2025**  
(12 week course)

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL25CS17S1247004694

To verify the certificate



No. of credits recommended: 3 or 4