

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

  
Roll No: NPTEL19EE35S31960069  
To  
NIKHIL TIWARY  
SHASHWAT VIHAR COLONY, GOLA ROAD  
DANAPUR  
PATNA  
BIHAR  
801503  
PH. NO :6201284094

| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |



No. of credits recommended by NPTEL:3

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



Elite

## NPTEL Online Certification

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



This certificate is awarded to

**NIKHIL TIWARY**

for successfully completing the course

### Fundamentals of Electrical Engineering

with a consolidated score of **60** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 22.84/25 | Proctored Exam | 37/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: 502

Jul-Oct 2019  
(12 week course)

*A. Goswami*

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19EE35S31960069

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

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Roll No: NPTEL19EE35S31960083

To

JASON PAUL  
01 P.O-SADAQUAT ASHRAM P.S-DIGHA  
KURJI NALAPAR  
PATNA  
BIHAR  
800010  
PH. NO :8210716973



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:3

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



# NPTEL Online Certification

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



This certificate is awarded to

**JASON PAUL**

for successfully completing the course

## Fundamentals of Electrical Engineering

with a consolidated score of **52** %

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

Total number of candidates certified in this course: 502

Jul-Oct 2019  
(12 week course)

*A. Goswami*

**Prof. Adrijit Goswami**  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19EE35S31960083

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



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

  
Roll No: NPTEL19EE35S31960065  
To  
AISHWARYA KUMARI  
ARAP, BICHHEDI, NAUBATPUR  
BICHHEDI  
PATNA  
BIHAR  
801104  
PH. NO :7903783141

| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |



No. of credits recommended by NPTEL:3

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



## NPTEL Online Certification

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



This certificate is awarded to

**AISHWARYA KUMARI**

for successfully completing the course

### Fundamentals of Electrical Engineering

with a consolidated score of **53** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 22.34/25 | Proctored Exam | 30.75/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: 502

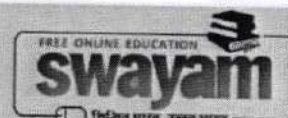
Jul-Oct 2019  
(12 week course)

*A. Goswami*

**Prof. Adrijit Goswami**  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19EE35S31960065

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

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



Roll No: NPTEL19EE35S31960073

To  
ABHISHEK RAJ  
NETAJI SUBHAS INSTITUTE OF TECHNOLOGY,  
AMHARA, BIHTA, PATNA  
PATNA  
BIHAR  
801103  
PH. NO :6394249322



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:3

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

Elite



# NPTEL Online Certification

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



This certificate is awarded to

**ABHISHEK RAJ**

for successfully completing the course

## Fundamentals of Electrical Engineering

with a consolidated score of **70** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 21.78/25 | Proctored Exam | 48/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: 502

Jul-Oct 2019  
(12 week course)

**A. Goswami**

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



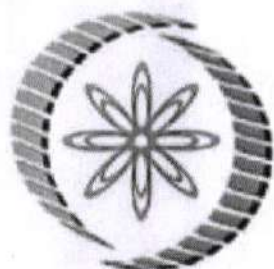
Indian Institute of Technology Kharagpur



Roll No: NPTEL19EE35S31960073

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





# NPTEL Online Certification

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



This certificate is awarded to

**SHARIYA SADAF**

for successfully completing the course

## Control Systems

with a consolidated score of **54** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 21.94/25 | Proctored Exam | 32/75 |
|--------------------|----------|----------------|-------|

*Devendra Jalihal*

**Prof. Devendra Jalihal**

Chairman

Centre for Continuing Education, IITM

Total number of candidates certified in this course: **606**

**Sep-Dec 2020**  
**(12 week course)**

*Prof. Andrew Thangaraj*

**Prof. Andrew Thangaraj**

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras



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

Roll No: NPTEL20EE90S71620026

To  
ANKIT KUMAR JHA  
NEAR POST OFFICE, WARD NO -1  
H/O- SHREE MAHENDRA NARAYAN JHA  
KAHARA  
BIHAR - 852107  
PH. NO :7632859629



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:3

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

Elite



# NPTEL Online Certification

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



This certificate is awarded to  
**ANKIT KUMAR JHA**

for successfully completing the course

## Control Systems

with a consolidated score of **64** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 20.28/25 | Proctored Exam | 43.5/75 |
|--------------------|----------|----------------|---------|

*Devendra Jaliha*

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

Total number of candidates certified in this course: **606**

Sep-Dec 2020  
(12 week course)

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras

Roll No: NPTEL20EE90S71620026



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



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

Roll No: NPTEL20EE90S72110646

To  
JASON PAUL  
C/O-DHRUV YADAV  
KURJI NALAPAR, CHASMA CENTRE GALI  
PATNA  
BIHAR - 800010  
PH. NO :8210716973



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:3

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to

**JASON PAUL**

for successfully completing the course

## Control Systems

with a consolidated score of **60** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 21.91/25 | Proctored Exam | 38.25/75 |
|--------------------|----------|----------------|----------|

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **606**

Sep-Dec 2020  
(12 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL20EE90S72110646

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

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

Roll No: NPTEL20EE90S72110292

To  
NIKHIL TIWARY  
SHASHWAT VIHAR COLONY  
NEAR ST. KARENS HIGH SCHOOL, GOLA ROAD  
DANAPUR  
BIHAR - 801503  
PH. NO :6201284094



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:3

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



# NPTEL Online Certification

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



This certificate is awarded to

**NIKHIL TIWARY**

for successfully completing the course

## Control Systems

with a consolidated score of **54** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 22.75/25 | Proctored Exam | 31.5/75 |
|--------------------|----------|----------------|---------|

*Devendra Jaliwal*

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

Total number of candidates certified in this course: **606**

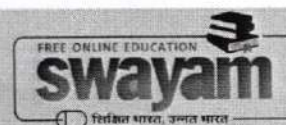
Sep-Dec 2020  
(12 week course)

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL20EE90S72110292

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



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

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

NAME - LAVKUSH KUMAR

Roll No - 185021

Regd No - 18101103011

Session - 2018-2022

Sem - 6th (Backlog)  
23/09/22

Roll No: NPTEL20H506S12480138

To  
LAVKUSH KUMAR  
KASIMCHAK  
BIHAR - 801102  
PH. NO : 8409850965

f. J Dalei

Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:1

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



## NPTEL Online Certification

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



This certificate is awarded to

**LAVKUSH KUMAR**

for successfully completing the course

**Effective Writing**

with a consolidated score of **53** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 22.50/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: 551

Prof. V. C. Srivastava  
Coordinator, Continuing Education Centre  
IIT Roorkee

Jan-Feb 2020  
(4 week course)

Prof. Inderdeep Singh  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL20H506S12480138

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

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

Name - Gulshan Kumar

Reg no - 18101103064

Roll no - 185086

Date - 23/03/2022

Branch - Civil (18-22)

Semester - 6<sup>th</sup> (back log)

Roll No: NPTEL20HS06S12480120

To  
GULSHAN KUMAR  
SO MANOJ KUMAR, KAITHAWA, SEIKHPURA, BIHAR  
SHEIKHPURA  
BIHAR - 811107  
PH. NO : 9304699503

S. J. Dahiya

Principal

Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna

No. of credits recommended by NPTEL: 1

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

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



Elite

## NPTEL Online Certification

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



This certificate is awarded to  
**GULSHAN KUMAR**

for successfully completing the course

**Effective Writing**

with a consolidated score of **62** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 21.67/25 | Proctored Exam | 40.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: 551

Vinil

Prof. V. C. Srivastava  
Coordinator, Continuing Education Centre  
IIT Roorkee

Jan-Feb 2020  
(4 week course)

Inderdeep

Prof. Inderdeep Singh  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL20HS06S12480120

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



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

NAME :- AKHILESH-KUMAR-SINGH

REG No :- 18/01/030/2

ROLL NO :- 185006

SEM :- 6<sup>th</sup> (BACKLOG)

DATE :- 23/09/2022

BRANCH :- CIVIL (2018-24)

Roll No: NPTEL20HS06S12480102

To  
AKHILESH KUMAR SINGH AND  
NACHAP  
BUXAR  
BIHAR - 802134  
PH. NO : 6200702174

f. J. Dalei

Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna

No. of credits recommended by NPTEL:1

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



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



## NPTEL Online Certification

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



This certificate is awarded to  
**AKHILESH KUMAR SINGH AND**  
for successfully completing the course

### Effective Writing

with a consolidated score of **53** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 22.50/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **551**

Prof. V. C. Srivastava  
Coordinator, Continuing Education Centre  
IIT Roorkee

Jan-Feb 2020  
(4 week course)

Prof. Inderdeep Singh  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL20HS06S12480102

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

CEN

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

Roll No: NPTEL20CS80S32110419

To  
ANKIT KUMAR  
NORTH JAIPRAKASH NAGAR  
SHIV MANDIR ROAD  
PATNA  
BIHAR - 800025  
PH. NO :8102443294



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

No. of credits recommended by NPTEL:1

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



Elite

# NPTEL Online Certification

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

This certificate is awarded to

**ANKIT KUMAR**

for successfully completing the course

**Python for Data Science**

with a consolidated score of **66** %



|                    |       |                  |          |                |          |
|--------------------|-------|------------------|----------|----------------|----------|
| Online Assignments | 22/25 | Programming Exam | 11.75/25 | Proctored Exam | 32.19/50 |
|--------------------|-------|------------------|----------|----------------|----------|

Total number of candidates certified in this course: 2008

*Devendra Jaliha*

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

Sep-Oct 2020  
(4 week course)

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL20CS80S32110419

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



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

Roll No: NPTEL20CS68S82110544

To  
MONIKA  
VILLAGE :- PAINAL  
P.O :- PAINAL ; P.S :- BIHTA  
PATNA  
BIHAR - 800111  
PH. NO : 6202764765



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

No. of credits recommended by NPTEL:3

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



## Elite NPTEL Online Certification

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



This certificate is awarded to

**MONIKA**


for successfully completing the course

**Software Engineering**

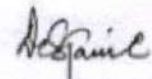
with a consolidated score of **62** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 23.25/25 | Proctored Exam | 38.27/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: 487

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

Sep-Dec 2020  
(12 week course)

  
Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL20CS68S82110544

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

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

Roll No: NPTEL20CS68S82110866

To  
SAURAV SUMAN  
VILL - KISHUNPUR MOHINI  
PO- KISHUNPUR MOHINI  
MUZAFFARPUR  
BIHAR - 844127  
PH. NO :9504785941



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:3

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



# NPTEL Online Certification

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



This certificate is awarded to  
**SAURAV SUMAN**  
for successfully completing the course

## Software Engineering

with a consolidated score of **56** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 22.66/25 | Proctored Exam | 33.68/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **487**

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

Sep-Dec 2020  
(12 week course)

  
**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur

Roll No: NPTEL20CS68S82110866



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



Roll No: NPTEL21EE07S12120184

To  
SHRESHU SINGH  
VISHWAMITRA COLONY CHARITRAVAN, BUXAR  
BUXAR, BIHAR  
BIHAR - 802101  
PH. NO : 9135146120



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL: 2

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

Elite



# NPTEL Online Certification

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



This certificate is awarded to

**SHRESHU SINGH**

for successfully completing the course

**Analog Circuits**

with a consolidated score of **60** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 21.25/25 | Proctored Exam | 38.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: 275

Jan-Mar 2021  
(8 week course)

Prof. Sridhar Iyer  
Head CDEEP & NPTEL Coordinator  
IIT Bombay



Indian Institute of Technology Bombay



Roll No: NPTEL21EE07S12120184

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

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

Roll No: NPTEL21EE07S12120162

To  
ADITYA KUMAR  
ZENPURA ROAD NEAR BHARTI VIDYA PEETH  
BIHAR - 801103  
PH. NO :7870474495



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

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



## NPTEL Online Certification

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



This certificate is awarded to

**ADITYA KUMAR**

for successfully completing the course


**Analog Circuits**

with a consolidated score of **52** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 20.83/25 | Proctored Exam | 31.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: 275

Jan-Mar 2021  
(8 week course)

  
**Prof. Sridhar Iyer**  
Head CDEEP & NPTEL Coordinator  
IIT Bombay



Indian Institute of Technology Bombay



Roll No: NPTEL21EE07S12120162

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



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

Name - Amit Kumar  
Session - 2018-22  
Roll No - 185075  
Reg. No - 18101103051  
Sem:- 6<sup>th</sup> (regular)

Roll No: NPTEL21HS93S24080491

To  
AMIT KUMAR  
EAST LOHANIPUR  
AMBEDKAR COLONY KADAM KUAN  
PATNA  
BIHAR - 800003  
PH. NO :8789866789

*S. J. Daler*  
Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:1

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



## NPTEL Online Certification

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



AMIT KUMAR

This certificate is awarded to

**AMIT KUMAR**

for successfully completing the course

### Body Language: Key to Professional Success

with a consolidated score of **58** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 24.17/25 | Proctored Exam | 33.68/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: 1571

*Vinod*

Prof. V. C. Srivastava  
Coordinator, Continuing Education Centre  
IIT Roorkee

Jul-Aug 2021  
(4 week course)

*Priti Maheshwari*

Prof. Priti Maheshwari  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL21HS93S24080491

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

Roll No: NPTEL21CS62S24161912

To  
SUMIT KUMAR  
WEST LOHANIPUR  
KADAM KUAN  
PATNA  
BIHAR - 800003  
PH. NO : 7766866909



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

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

Elite



# NPTEL Online Certification

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



This certificate is awarded to

**SUMIT KUMAR**

for successfully completing the course

**Cloud Computing**

with a consolidated score of **77** %

|                    |       |                |          |
|--------------------|-------|----------------|----------|
| Online Assignments | 24/25 | Proctored Exam | 53.19/75 |
|--------------------|-------|----------------|----------|

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



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

Roll No: NPTEL21CS62S24161771

To  
GAURAV VISHAL  
POSTAL PARK  
CHIRIYATAD, POSTAL PARK, DEVI ASTHAN  
PATNA  
BIHAR - 800001  
PH. NO :7004104497



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

No. of credits recommended by NPTEL:2

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



## NPTEL Online Certification

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



This certificate is awarded to

**GAURAV VISHAL**

for successfully completing the course

**Cloud Computing**

with a consolidated score of **54** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 24.21/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: 3189

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

Aug-Oct 2021  
(8 week course)

  
Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL21CS62S24161771

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

Roll No: NPTEL21CS62S14161094

To  
RAJNISH KUMAR  
RPS MORE PATNA  
LANE NO 15  
PATNA  
BIHAR - 801503  
PH. NO : 7979724517



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $\leq 40$ | No Certificate         |

No. of credits recommended by NPTEL: 2

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



## NPTEL Online Certification

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



This certificate is awarded to

**RAJNISH KUMAR**

for successfully completing the course

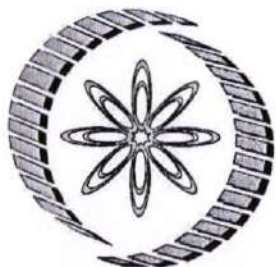
**Cloud Computing**

with a consolidated score of **54** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 23.96/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: 3189





# NPTEL Online Certification

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



This certificate is awarded to

**ATIF**

for successfully completing the course

## Computer Architecture and Organization

with a consolidated score of **54** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 22.31/25 | Proctored Exam | 31.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **278**

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

**Jul-Oct 2021**  
**(12 week course)**

**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL21CS61S14160064

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

FILE W

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

Roll No: NPTEL21DE08S14160227

To  
ABHISHEK RAJ  
NSIT BOYS HOSTEL, SAI MANDIR,  
NSIT, PATNA, INDIA  
PATNA  
BIHAR - 801103  
PH. NO : 6394249322

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



No. of credits recommended by NPTEL:3

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to  
**ABHISHEK RAJ**  
for successfully completing the course

## Control Systems

with a consolidated score of **65** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 24.56/25 | Proctored Exam | 40.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **183**

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Jul-Oct 2021  
(12 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL21DE08S14160227

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



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

Roll No: NPTEL21CS58S14080269

To  
SALONI SINGH  
D/O-ABHAY SINGH, URRBA BAZAR, URRBA  
PO-URRA  
BAHRAICH  
UTTAR PRADESH - 271855  
PH. NO :8102938057



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to

**SALONI SINGH**


for successfully completing the course

## Data Base Management System

with a consolidated score of **61** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 22.08/25 | Proctored Exam | 39/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **993**

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

**Jul-Sep 2021**  
(8 week course)

  
**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No:NPTEL21CS58S14080269

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

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

Roll No: NPTEL21CS68S34161798

To  
SACHIN KUMAR  
S/O UPENDRA RAM ,VILLAGE-IJRA , P.O-IJRA  
P.S-SANGRAMPUR,PHONE-8294650728  
MOTIHARI  
BIHAR - 845419  
PH. NO :8294650728



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

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



## NPTEL Online Certification

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



This certificate is awarded to

**SACHIN KUMAR**

for successfully completing the course

### Design and Analysis of Algorithms

with a consolidated score of **55** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 24.67/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

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

*Devendra Jalihal*

**Prof. Devendra Jalihal**  
Chairman

Centre for Continuing Education, IITM

**Aug-Oct 2021**

**(8 week course)**

*Prof. Andrew Thangaraj*

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



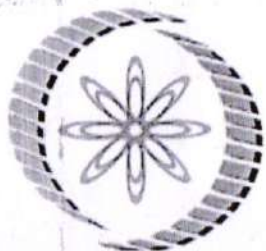
Indian Institute of Technology Madras



Roll No: NPTEL21CS68S34161798

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





# NPTEL Online Certification

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



This certificate is awarded to

**SHIVAM KUMAR**

for successfully completing the course

## Design and Analysis of Algorithms

with a consolidated score of **45** %

|                    |         |                |       |
|--------------------|---------|----------------|-------|
| Online Assignments | 14.5/25 | Proctored Exam | 30/75 |
|--------------------|---------|----------------|-------|

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

**Prof. Devendra Jalihal**

Chairman

Centre for Continuing Education, IITM

**Aug-Oct 2021**

**(8 week course)**

**Prof. Andrew Thangaraj**

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL21CS68S34161950

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

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

Roll No: NPTEL21HS57S44162624

To  
KUMAR ADITYA  
RD NO. - 9, H.NO.-1, NEW ALKAPURI  
GARDANIBAGH, PATNA  
PATNA  
BIHAR - 800002  
PH. NO : 7209042634



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

No. of credits recommended by NPTEL: 2

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



## NPTEL Online Certification

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



Name: - KUMAR ADITYA

Reg. No.: - 19104103001

Roll No.: - 192004

Date: - 13/07/23

(SOS)

Sam: - Dth

(19-23)

This certificate is awarded to

**KUMAR ADITYA**

for successfully completing the course

### Developing Soft Skills and Personality

with a consolidated score of **53** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 22.63/25 | Proctored Exam | 30.46/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: 8853

*[Signature]*

Prof. Rajesh M. Hegde  
Chairman, Centre for Continuing Education  
IIT Kanpur

Aug-Oct 2021  
(8 week course)

*[Signature]*

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL21HS57S44162624

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



ECE W

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

Roll No: NPTEL21HS57S44160631

To  
ADITYA KUMAR  
ZENPURA ROAD NEAR BHARTI VIDYA PEETH  
BIHAR - 801103  
PH. NO :7870474495



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to

**ADITYA KUMAR**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **70** %

|                    |         |                |          |
|--------------------|---------|----------------|----------|
| Online Assignments | 22.5/25 | Proctored Exam | 47.76/75 |
|--------------------|---------|----------------|----------|

Total number of candidates certified in this course: 8853

Prof. Rajesh M. Hegde  
Chairman, Centre for Continuing Education  
IIT Kanpur

Aug-Oct 2021  
(8 week course)

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL21HS57S44160631

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



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Roll No: NPTEL21HS57S34161792

To  
SHRESHU SINGH  
VISHWAMITRA COLONY CHARITRAVAN, BUXAR  
BUXAR, BIHAR  
BUXAR  
BIHAR - 802101  
PH. NO :9135146120



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

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

Elite



# NPTEL Online Certification

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



This certificate is awarded to

**SHRESHU SINGH**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **73** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 22.92/25 | Proctored Exam | 50.21/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: 8853

Prof. Rajesh M. Hegde  
Chairman, Centre for Continuing Education  
IIT Kanpur

Aug-Oct 2021  
(8 week course)

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL21HS57S34161792

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



Name: Anshuman kumar

Roll no.: 185056

Reg no. 18101103037

2018-22

6<sup>th</sup> sem backlog

23/9/2022

Roll No: NPTEL21HS57S44162452

To  
ANSHUMAN KUMAR  
3D, SUNDARI GANGA VILLA APTT  
JAKARIAPUR, PATNA, BIHAR, 800027  
PATNA  
BIHAR - 800027  
PH. NO :9572020547

*P. J. Dalei*  
Principal  
Netaji Subhas Institute of Technology  
Amhar, Bihar, Patna



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to

**ANSHUMAN KUMAR**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **66** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 22.33/25 | Proctored Exam | 43.19/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **8853**

*Rajesh M. Hegde*

Prof. Rajesh M. Hegde  
Chairman, Centre for Continuing Education  
IIT Kanpur

Aug-Oct 2021  
(8 week course)

*Satyaki Roy*

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL21HS57S44162452

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

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

Name - Anshuman kumar

Reg. no - 18101103037

Date - 21/09/22

6 sem<sup>th</sup> back

2018-22

Roll no. - 185056

Roll No: NPTEL21HS57S44162452

To  
ANSHUMAN KUMAR  
3D, SUNDARI GANGA VILLA APTT  
JAKARIAPUR, PATNA, BIHAR, 800027  
PATNA  
BIHAR - 800027  
PH. NO :9572020547



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to

**ANSHUMAN KUMAR**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **66** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 22.33/25 | Proctored Exam | 43.19/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **8853**

Prof. Rajesh M. Hegde  
Chairman, Centre for Continuing Education  
IIT Kanpur

Aug-Oct 2021  
(8 week course)

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL21HS57S44162452

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



RegNo - 19110103005

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

Roll No: NPTEL21EE75S24161725

To  
HIMANSHU KUMAR  
INDRAPURI DASRATHA, NIRMA GODOWN, SIPARA  
P.O- DHELWAN, P.S- BEUR  
PATNA  
BIHAR - 800020  
PH. NO :6202079460



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:3

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



# NPTEL Online Certification

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



This certificate is awarded to

**HIMANSHU KUMAR**

for successfully completing the course

## Digital Circuits

with a consolidated score of **56** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 24.78/25 | Proctored Exam | 31.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **1000**

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

Jul-Oct 2021  
(12 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL21EE75S24161725

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

Reg No - 19110103014

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

Roll No: NPTEL21EE75S24161830

To  
RAHUL KUMAR  
BISHANPUR BAHOR  
NEAR, HANUMAN MANDIR  
BEGUSARAI  
BIHAR - 851129  
PH. NO :8709993106



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

No. of credits recommended by NPTEL:3

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



# NPTEL Online Certification

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



This certificate is awarded to

**RAHUL KUMAR**

for successfully completing the course

## Digital Circuits

with a consolidated score of **55** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 24.63/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **1000**

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

Jul-Oct 2021  
(12 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL21EE75S24161830

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



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

Roll No: NPTEL21EE112S34160280

To  
NIKHIL TIWARY  
SHASHWAT VIHAR COLONY  
NEAR ST. KARENS HIGH SCHOOL, GOLA ROAD  
DANAPUR  
BIHAR - 801503  
PH. NO :6201284094



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:3

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



Elite

# NPTEL Online Certification

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

This certificate is awarded to

**NIKHIL TIWARY**

for successfully completing the course

**Electric Vehicles and Renewable energy**

with a consolidated score of **82** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 19.97/25 | Proctored Exam | 61.88/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **1154**

*Devendra Jalihal*

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

Jul-Oct 2021  
(12 week course)

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



Indian Institute of Technology Madras



Roll No: NPTEL21EE112S34160280

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

AX

Reg No - 18110103009

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

Roll No: NPTEL21EE73S14160048

To  
DESH RAJ PATHAK  
JAMIRA ARA, BHOJPUR BIHAR  
JAMIRA PATHAK TOLA  
ARA  
BIHAR - 802161  
PH. NO : 6203195841



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

No. of credits recommended by NPTEL:3

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



# NPTEL Online Certification

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



This certificate is awarded to

**DESH RAJ PATHAK**

for successfully completing the course

## Fundamentals of Electrical Engineering

with a consolidated score of **52** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 19.85/25 | Proctored Exam | 32.25/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **130**

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

Jul-Oct 2021  
(12 week course)

  
Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL21EE73S14160048

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



Roll No: NPTEL21CS63S34161442

To  
PRINCE  
SAROJ SADAN, SHIVAJI NAGAR  
MAKHDUMPUR BAGICHA, DIGHA  
PATNA  
BIHAR - 800011  
PH. NO :9631046636

*S. J. Dahi*  
Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna



| Score     | Type of Certificate   |
|-----------|-----------------------|
| $\geq 90$ | Elite+Gold            |
| 75-89     | Elite+Silver          |
| $\geq 60$ | Elite                 |
| 40-59     | Successfully Complete |
| $< 40$    | No Certificate        |

No. of credits recommended by NPTEL:3

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to

**PRINCE**

for successfully completing the course

## Introduction to Internet of Things

with a consolidated score of **68** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 24.78/25 | Proctored Exam | 43.5/75 |
|--------------------|----------|----------------|---------|

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

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

Jul-Oct 2021  
(12 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL21CS63S34161442

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

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

Roll No: NPTEL21CS63S34160348

To  
SAURAV SUMAN  
VILL - KISHUNPUR MOHINI  
PO- KISHUNPUR MOHINI  
MUZAFFARPUR  
BIHAR - 844127  
PH. NO :9504785941



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:3

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

Elite



# NPTEL Online Certification

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



This certificate is awarded to

**SAURAV SUMAN**

for successfully completing the course

## Introduction to Internet of Things

with a consolidated score of **60** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 23.53/25 | Proctored Exam | 36/75 |
|--------------------|----------|----------------|-------|

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

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

Jul-Oct 2021  
(12 week course)

  
Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL21CS63S34160348

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



CSE 6  
Exam 2022

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

19105103034

Roll No: NPTEL21CS72S24080490

To  
PRIYA  
B1/3, VIMAL KUNJ, PURNENDUNAGAR  
PHULWARISHARIF  
PATNA  
BIHAR - 801505  
PH. NO :9661013560

f. J Dalei

Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

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



## NPTEL Online Certification

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



This certificate is awarded to

**PRIYA**

for successfully completing the course

### Introduction to Operating Systems

with a consolidated score of **53** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 21.88/25 | Proctored Exam | 31.5/75 |
|--------------------|----------|----------------|---------|

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

Devendra Jalihal

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2021  
(8 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



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

Roll No: NPTEL21CS72S24080640

To  
HARSH KUMAR  
RAGHOPUR, BIHTA  
BIHAR - 801103  
PH. NO :8709329174



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to

**HARSH KUMAR**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **71** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 21.13/25 | Proctored Exam | 49.5/75 |
|--------------------|----------|----------------|---------|

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

*Devendra Jaliwal*

**Prof. Devendra Jaliwal**

Chairman

Centre for Continuing Education, IITM

**Jul-Sep 2021**

**(8 week course)**

*Prof. Andrew Thangaraj*

**Prof. Andrew Thangaraj**

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No:NPTEL21CS72S24080640

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



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

Roll No: NPTEL21CS72S24080432

To  
HIMANSHU KUMAR  
VILL-SHIVGADH, P.S-BIKRAM  
BIHAR - 801103  
PH. NO :8309519624



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to

**HIMANSHU KUMAR**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **61** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 22.38/25 | Proctored Exam | 39/75 |
|--------------------|----------|----------------|-------|

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

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2021  
(8 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL21CS72S24080432

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

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

Roll No: NPTEL21CS72S24080610

To  
ASHA KUMARI SOREN  
KHAS MAHAL, ROAD NO. 3  
CHIRAIYATAND, PATNA, BIHAR  
PATNA  
BIHAR - 800001  
PH. NO :7488506839



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

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



## NPTEL Online Certification

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



This certificate is awarded to

**ASHA KUMARI SOREN**

for successfully completing the course

### Introduction to Operating Systems

with a consolidated score of **58** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 23.29/25 | Proctored Exam | 34.5/75 |
|--------------------|----------|----------------|---------|

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

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2021  
(8 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No:NPTEL21CS72S24080610

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



AX  
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Roll No: NPTEL21CS88S34161382

To  
RAHUL KUMAR  
C/O GYAN BHARTI SCHOOL  
NEW SIPARA MATKHAN, SIPARA  
PATNA  
BIHAR - 800020  
PH. NO : 7903034106



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:3

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



# Elite NPTEL Online Certification

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



This certificate is awarded to

**RAHUL KUMAR**

for successfully completing the course

## Operating System Fundamentals

with a consolidated score of **60** %

|                    |       |                |         |
|--------------------|-------|----------------|---------|
| Online Assignments | 25/25 | Proctored Exam | 34.5/75 |
|--------------------|-------|----------------|---------|

Total number of candidates certified in this course: 797

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

Jul-Oct 2021  
(12 week course)

  
Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL21CS88S34161382

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

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

Roll No: NPTEL21CS88S34161802

To  
SHUBHAM KUMAR  
SURA J BHAWAN, CHAND CHAURA, GAYA (BIHAR)  
POLICE STATION:-VISHNUPAD  
GAYA  
BIHAR - 823001  
PH. NO :7369851752



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

No. of credits recommended by NPTEL:3

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to

**SHUBHAM KUMAR**


for successfully completing the course

## Operating System Fundamentals

with a consolidated score of **60** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 24.69/25 | Proctored Exam | 35.5/75 |
|--------------------|----------|----------------|---------|

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

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

Jul-Oct 2021  
(12 week course)

  
Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No:NPTEL21CS88S34161802

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



Roll No: NPTEL21CS88S44160911

To  
ARMAN AKRAM  
PATNA BIHAR  
BIHAR - 800012  
PH. NO :7979964316



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:3

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



# NPTEL Online Certification

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



This certificate is awarded to

**ARMAN AKRAM**

for successfully completing the course

## Operating System Fundamentals

with a consolidated score of **52** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 20.63/25 | Proctored Exam | 31.5/75 |
|--------------------|----------|----------------|---------|

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

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

**Jul-Oct 2021**  
**(12 week course)**

  
**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No:NPTEL21CS88S44160911

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

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

Roll no : 191019

Reg. no : 19105103003

Roll No: NPTEL21CS88S44162790

To  
OM SHANKAR  
S/O: DINESH SINGH, VILL: HASANPURA,  
POST+PS: BEUR, DIST: PATNA, BIHAR  
PATNA  
BIHAR - 800002  
PH. NO : 8825378009

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

*P. J. Dalei*  
Principal

Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna



No. of credits recommended by NPTEL: 3

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to

**OM SHANKAR**

for successfully completing the course

## Operating System Fundamentals

with a consolidated score of **70** %

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

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

*Prof. G P Raja Sekhar*

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

Jul-Oct 2021  
(12 week course)

*Prof. Debjani Chakraborty*  
Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL21CS88S44162790

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



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

Roll No: NPTEL21EE77S44162746

To  
ANKIT KUMAR JHA  
NEAR POST OFFICE, WARD NO -1  
H/O- SHREE MAHENDRA NARAYAN JHA  
KAHARA  
BIHAR - 852107  
PH. NO :8873604174



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:3

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to

**ANKIT KUMAR JHA**

for successfully completing the course

## Power System Analysis

with a consolidated score of **61** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 18.25/25 | Proctored Exam | 42.75/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **71**



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

Jul-Oct 2021  
(12 week course)

  
Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL21EE77S44162746

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

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

Roll No: NPTEL21EE77S34160236

To  
JASON PAUL  
C/O-DHRUV YADAV  
KURJI NALAPAR, CHASMA CENTRE GALI  
PATNA  
BIHAR - 800010  
PH. NO :8210716973

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



No. of credits recommended by NPTEL:3

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



TOPPER

Elite

# NPTEL Online Certification

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



This certificate is awarded to

**JASON PAUL**

for successfully completing the course

## Power System Analysis

with a consolidated score of **87** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 18.03/25 | Proctored Exam | 69/75 |
|--------------------|----------|----------------|-------|

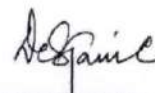
Total number of candidates certified in this course: **71**



  
Prof. G P Raja Sekhar

Dean, Continuing Education  
IIT Kharagpur

Jul-Oct 2021  
(12 week course)

  
Prof. Debjani Chakraborty

Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No:NPTEL21EE77S34160236

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



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

Roll No: NPTEL21EE77S44160989

To  
AISHWARYA KUMARI  
VILL.BICHHEDI, PS.NAUBATPUR, PO.ARAP  
NAUBATPUR, PATNA  
PATNA  
BIHAR - 801104  
PH. NO :7903783141



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:3

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



# NPTEL Online Certification

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



This certificate is awarded to

**AISHWARYA KUMARI**

for successfully completing the course

## Power System Analysis

with a consolidated score of **54** %

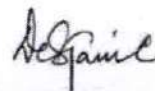
|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 20.13/25 | Proctored Exam | 33.75/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **71**

  
Prof. G P Raja Sekhar

Dean, Continuing Education  
IIT Kharagpur

Jul-Oct 2021  
(12 week course)

  
Prof. Debjani Chakraborty

Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No:NPTEL21EE77S44160989

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

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

Roll No: NPTEL21AR15S24080526

To  
FARAZ KHAN  
P.O.-B.V.COLLAGE, RAJA BAZAR, SAMANPURA  
BAILEY ROAD, PATNA  
PATNA  
BIHAR - 800014  
PH. NO :9386107553



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:1

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to

**FARAZ KHAN**

for successfully completing the course

## Principles and Applications of Building Science

with a consolidated score of **67** %

|                    |       |                |       |
|--------------------|-------|----------------|-------|
| Online Assignments | 25/25 | Proctored Exam | 42/75 |
|--------------------|-------|----------------|-------|

Total number of candidates certified in this course: **40**

*Vinil*

**Prof. V. C. Srivastava**  
Coordinator, Continuing Education Centre  
IIT Roorkee

Jul-Aug 2021  
(4 week course)

*Priti Maheshwari*

**Prof. Priti Maheshwari**  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL21AR15S24080526

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



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

Name - Faraz Khan

Roll no - 185027

Reg. no - 18101103016

Session - 2018-22

Semester - 6<sup>th</sup>  
(Backlog)

Date - 23/09/22

Branch - Civil.

Roll No: NPTEL21AR15S24080526

To  
FARAZ KHAN  
P.O.-B.V.COLLAGE, RAJA BAZAR, SAMANPURA  
BAILEY ROAD, PATNA  
PATNA  
BIHAR - 800014  
PH. NO : 9386107553

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

S. J. Dolei

Principal

Netaji Subhas Institute of Technology  
Patna, Patna

No. of credits recommended by NPTEL: 1

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



Elite

## NPTEL Online Certification

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



This certificate is awarded to

**FARAZ KHAN**

for successfully completing the course

### Principles and Applications of Building Science

with a consolidated score of **67** %

|                    |       |                |       |
|--------------------|-------|----------------|-------|
| Online Assignments | 25/25 | Proctored Exam | 42/75 |
|--------------------|-------|----------------|-------|

Total number of candidates certified in this course: 40

V. C. Srivastava

Prof. V. C. Srivastava  
Coordinator, Continuing Education Centre  
IIT Roorkee

Jul-Aug 2021

(4 week course)

P. Maheshwari

Prof. Priti Maheshwari  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL21AR15S24080526

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

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

Roll No: NPTEL21ME23S22120202

To  
KISHOR ANUPAM  
8A/103, LALITA BHAWAN  
KHA5 MAHAL ROAD NO- 1 CHIRAIYATAND  
PATNA  
BIHAR - 800001  
PH. NO :8651200342



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

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



# NPTEL Online Certification

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



This certificate is awarded to

**KISHOR ANUPAM**

for successfully completing the course

## Principles of Casting Technology

with a consolidated score of **40** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 10.33/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **133**

**Prof. V. C. Srivastava**  
Coordinator, Continuing Education Centre  
IIT Roorkee

**Jan-Mar 2021**  
(8 week course)

**Prof. Inderdeep Singh**  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No:NPTEL21ME23S22120202

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



Elite



# NPTEL Online Certification

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



This certificate is awarded to

**OM SHANKAR**

for successfully completing the course



## Problem Solving through Programming in C

with a consolidated score of **92** %

|                    |          |                  |       |                |       |
|--------------------|----------|------------------|-------|----------------|-------|
| Online Assignments | 24.94/25 | Programming Exam | 25/25 | Proctored Exam | 42/50 |
|--------------------|----------|------------------|-------|----------------|-------|

Total number of candidates certified in this course: **1426**

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

Jul-Oct 2021  
(12 week course)

**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL21CS54S24161826

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

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

Roll No: NPTEL21CS54S24161803

To  
FARAZ ALI AHMAD  
MR COLONY, PHULWARI SHARIF  
BIHAR - 801505  
PH. NO :9661918210



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:3

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

Elite



# NPTEL Online Certification

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



This certificate is awarded to

**FARAZ ALI AHMAD**

for successfully completing the course



## Problem Solving through Programming in C

with a consolidated score of **77** %

|                    |          |                  |       |                |         |
|--------------------|----------|------------------|-------|----------------|---------|
| Online Assignments | 24.56/25 | Programming Exam | 25/25 | Proctored Exam | 27.5/50 |
|--------------------|----------|------------------|-------|----------------|---------|

Total number of candidates certified in this course: **1426**

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

Jul-Oct 2021  
(12 week course)

  
Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL21CS54S24161803

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



CS&amp;W

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

Roll No: NPTEL21CS01S24152554

To

MD GHUFRAN ALAM  
NEAR POOJA PLYWOOD, RAYCHOWK, ISAPUR,  
PHULWARI SHARIF, PATNA 801505  
PATNA  
BIHAR - 801505  
PH. NO :8789521061



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:3

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



# NPTEL Online Certification

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



This certificate is awarded to

**MD GHUFRAN ALAM**

for successfully completing the course

## Problem Solving through Programming in C

with a consolidated score of **52** %

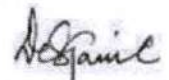
|                    |          |                  |         |                |         |
|--------------------|----------|------------------|---------|----------------|---------|
| Online Assignments | 17.31/25 | Programming Exam | 12.5/25 | Proctored Exam | 22.5/50 |
|--------------------|----------|------------------|---------|----------------|---------|

Total number of candidates certified in this course: 979



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

Jan-Apr 2021  
(12 week course)



Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL21CS01S24152554

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

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

Roll No: NPTEL21CS56S24161444

To  
ABHISHEK KUMAR SINGH  
RMS COLONY ROAD NO. 3  
KANKARBAGH PATNA - 20  
PATNA  
BIHAR - 800020  
PH. NO :9931500039



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:3

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



Elite

## NPTEL Online Certification

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



This certificate is awarded to  
**ABHISHEK KUMAR SINGH**  
for successfully completing the course  
**Programming in Java**

with a consolidated score of **66** %

|                    |          |                  |       |                |       |
|--------------------|----------|------------------|-------|----------------|-------|
| Online Assignments | 21.38/25 | Programming Exam | 25/25 | Proctored Exam | 20/50 |
|--------------------|----------|------------------|-------|----------------|-------|

Total number of candidates certified in this course: 2632

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

Jul-Oct 2021  
(12 week course)

  
Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL21CS56S24161444

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



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

Roll No: NPTEL21CS56S14161397

To  
VENKATESH SHARMA  
ROAD NO-4, ADARSH COLONY, SOUTH OF PNB  
NAYACHAK, PATNA  
PATNA  
BIHAR - 800016  
PH. NO : 9304612541



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:3

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



Elite

## NPTEL Online Certification

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




This certificate is awarded to  
**VENKATESH SHARMA**  
for successfully completing the course  
**Programming in Java**

with a consolidated score of **72** %

|                    |          |                  |       |                |       |
|--------------------|----------|------------------|-------|----------------|-------|
| Online Assignments | 24.66/25 | Programming Exam | 25/25 | Proctored Exam | 22/50 |
|--------------------|----------|------------------|-------|----------------|-------|

Total number of candidates certified in this course: 2649

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

Jul-Oct 2021  
(12 week course)

  
Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL21CS56S14161397

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

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

Roll No: NPTEL21CS56S14161129

To  
YISHANK RAJ  
HF 56 BSEB COLONY NEW PUNAICHAK PATNA  
BSEB COLONY  
PATNA  
BIHAR - 800023  
PH. NO :6203013430



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:3

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

Elite



# NPTEL Online Certification

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



This certificate is awarded to

**YISHANK RAJ**

for successfully completing the course

**Programming in Java**

with a consolidated score of **73** %

|                    |          |                  |       |                |       |
|--------------------|----------|------------------|-------|----------------|-------|
| Online Assignments | 24.72/25 | Programming Exam | 25/25 | Proctored Exam | 23/50 |
|--------------------|----------|------------------|-------|----------------|-------|

Total number of candidates certified in this course: **2649**

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

Jul-Oct 2021  
(12 week course)

  
Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No:NPTEL21CS56S14161129

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



CSE 6  
from 2022

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

Shreya Sukriti  
Roll-181003  
Registration no - 18105103027

Roll No: NPTEL21CS03514153149

To  
SHREYA SUKRITI  
H/O- SURINDER RAY AMARNATH MANDIR ROAD  
BHOOTNATH ROAD BAHADURPUR HOUSING  
COLONY  
PATNA  
BIHAR - 800026  
PH. NO :7004286580

f. J Dalei  
Principal  
Vedant Sahas Institute of Technology  
Arrah, Bihta, Patna



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

No. of credits recommended by NPTEL:3

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to

**SHREYA SUKRITI**

for successfully completing the course

**Programming in Java**

with a consolidated score of **72** %

|                    |          |                  |       |                |          |
|--------------------|----------|------------------|-------|----------------|----------|
| Online Assignments | 24.41/25 | Programming Exam | 25/25 | Proctored Exam | 22.34/50 |
|--------------------|----------|------------------|-------|----------------|----------|

Total number of candidates certified in this course: **1448**

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

Jan-Apr 2021  
(12 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL21CS03514153149

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

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1910S103001 → Reg. No.  
191041 → Roll No.

Roll No: NPTEL21CS56S24161668

To  
AVINASH KUMAR  
NEW MAINPURA, DANAPUR CANTT  
HOUSE NO. 334  
PATNA  
BIHAR - 801503  
PH. NO : 9709798397

*f. J Dalei*  
Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna



| Score | Type of Certificate    |
|-------|------------------------|
| >=90  | Elite+Gold             |
| 75-89 | Elite+Silver           |
| >=80  | Elite                  |
| 40-59 | Successfully Completed |
| <40   | No Certificate         |

No. of credits recommended by NPTEL:3

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



## NPTEL Online Certification

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

This certificate is awarded to

**AVINASH KUMAR**

for successfully completing the course

**Programming in Java**

with a consolidated score of **77** %

|                    |          |                  |       |                |          |
|--------------------|----------|------------------|-------|----------------|----------|
| Online Assignments | 23.72/25 | Programming Exam | 25/25 | Proctored Exam | 28.25/50 |
|--------------------|----------|------------------|-------|----------------|----------|

Total number of candidates certified in this course: 2632

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

Jul-Oct 2021  
(12 week course)

*Prof. Debjani Chakraborty*  
Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL21CS56S24161668

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



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

Roll No: NPTEL21CS56S24160826

To  
MD GHUFRAN ALAM  
NEAR POOJA PLYWOOD, RAYCHOWK, ISAPUR,  
PHULWARI SHARIF, PATNA 801505  
PATNA  
BIHAR - 801505  
PH. NO :8789521061



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:3

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

Elite



# NPTEL Online Certification

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



This certificate is awarded to

**MD GHUFRAN ALAM**

for successfully completing the course

**Programming in Java**

with a consolidated score of **94** %

|                    |         |                  |       |                |         |
|--------------------|---------|------------------|-------|----------------|---------|
| Online Assignments | 24.6/25 | Programming Exam | 25/25 | Proctored Exam | 44.5/50 |
|--------------------|---------|------------------|-------|----------------|---------|

Total number of candidates certified in this course: 2649

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

Jul-Oct 2021  
(12 week course)

  
Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL21CS56S24160826

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

CE Dept

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

Roll No: NPTEL21CE43S24160927  
To  
VASANT KUMAR  
SURYA MAHALAXMI APARTMENT, EAST BORING  
CANAL ROAD, PATNA  
PATNA  
BIHAR - 800001  
PH. NO :8789352862



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

No. of credits recommended by NPTEL:1

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



## NPTEL Online Certification

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



This certificate is awarded to

**VASANT KUMAR**


for successfully completing the course

### Reinforced Concrete Road Bridges

with a consolidated score of **41** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 10.83/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **129**

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

Aug-Sep 2021  
(4 week course)

  
Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL21CE43S24160927

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



ECE W

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

Roll No: NPTEL21HS76S44160766

To  
APARNA CHAUDHARY  
SHEKHPUR, AKHARAGHAT, MUZZAFARPUR  
MUZZAFARPUR, BIHAR  
MUZZAFARPUR  
NEAR GAYATRI MANDIR - 842001  
PH. NO : 6205945059



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL: 3

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to  
**APARNA CHAUDHARY**  
for successfully completing the course

**Soft Skills**

with a consolidated score of **68** %

|                    |         |                |       |
|--------------------|---------|----------------|-------|
| Online Assignments | 23.1/25 | Proctored Exam | 45/75 |
|--------------------|---------|----------------|-------|

Total number of candidates certified in this course: 7293

*Vinil*

Prof. V. C. Srivastava  
Coordinator, Continuing Education Centre  
IIT Roorkee

Jul-Oct 2021  
(12 week course)

*Priya Maheshwari*

Prof. Priya Maheshwari  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL21HS76S44160766

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

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

Roll No: NPTEL21HS76S44161056

To  
SHAI SHAI PRIYA  
VILL-DHAMOULI, POST -MURGAON  
PS-ISLAMPUR, DISTRICT-NALANDA  
ISLAMPUR  
BIHAR - 801303  
PH. NO :918789230256



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:3

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to

**SHAI SHAI PRIYA**

for successfully completing the course

**Soft Skills**

with a consolidated score of **68** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 21.66/25 | Proctored Exam | 46.13/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: 7293

Prof. V. C. Srivastava  
Coordinator, Continuing Education Centre  
IIT Roorkee

Jul-Oct 2021  
(12 week course)

Prof. Priti Maheshwari  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No:NPTEL21HS76S44161056

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



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

Roll No: NPTEL21HS07S12120483

To  
SHUBHAM KUMAR  
VILL:-PATHROUR P.S:-HASPURA  
BIHAR - 824114  
PH. NO :9304198540



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

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



## NPTEL Online Certification

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



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

**Soft Skill Development**

with a consolidated score of **57** %

|                    |       |                |          |
|--------------------|-------|----------------|----------|
| Online Assignments | 22/25 | Proctored Exam | 35.25/75 |
|--------------------|-------|----------------|----------|

Total number of candidates certified in this course: 2267

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

Jan-Mar 2021  
(8 week course)

  
Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL21HS07S12120483

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

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

Name → Shubham Kishan

Batch → 2018-22

Regno → 18101103044

Roll no → 185072.

Sem → 6<sup>th</sup> Sem (BAG Hog).

Roll No: NPTEL21HS60S34160332

To  
SHUBHAM KISHAN  
SHIVNATH APPARTMENT 70/35 FT ROAD  
BYPASS  
PATNA  
BIHAR - 800002  
PH. NO : 8809742502

f. J. Daler  
Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna



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

No. of credits recommended by NPTEL:1

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



## NPTEL Online Certification

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



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

### Water, Society and Sustainability

with a consolidated score of **50** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 18.58/25 | Proctored Exam | 31.5/75 |
|--------------------|----------|----------------|---------|

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

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

Aug-Sep 2021  
(4 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL21HS60S34160332

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



Roll No: NPTEL21EE07S12120184

To  
SHRESHU SINGH  
VISHWAMITRA COLONY CHARITRAVAN, BUXAR  
BUXAR, BIHAR  
BIHAR - 802101  
PH. NO : 9135146120



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL: 2

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

Elite



# NPTEL Online Certification

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



This certificate is awarded to

**SHRESHU SINGH**

for successfully completing the course

## Analog Circuits

with a consolidated score of **60** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 21.25/25 | Proctored Exam | 38.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: 275

Jan-Mar 2021  
(8 week course)

Prof. Sridhar Iyer  
Head CDEEP & NPTEL Coordinator  
IIT Bombay



Indian Institute of Technology Bombay



Roll No: NPTEL21EE07S12120184

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

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

Roll No: NPTEL21EE07S12120162

To

ADITYA KUMAR  
ZENPURA ROAD NEAR BHARTI VIDYA PEETH  
BIHAR - 801103  
PH. NO :7870474495



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

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



## NPTEL Online Certification

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



This certificate is awarded to

**ADITYA KUMAR**

for successfully completing the course

**Analog Circuits**

with a consolidated score of **52** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 20.83/25 | Proctored Exam | 31.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: 275

Jan-Mar 2021  
(8 week course)

**Prof. Sridhar Iyer**  
Head CDEEP & NPTEL Coordinator  
IIT Bombay



Indian Institute of Technology Bombay



Roll No: NPTEL21EE07S12120162

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



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

Name - Amit Kumar  
Session - 2018-22  
Roll No - 185075  
Reg. No - 18101103051  
Sem:- 6<sup>th</sup> (regular)

Roll No: NPTEL21HS93S24080491

To  
AMIT KUMAR  
EAST LOHANIPUR  
AMBEDKAR COLONY KADAM KUAN  
PATNA  
BIHAR - 800003  
PH. NO :8789866789

*S. J. Daler*  
Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna



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

No. of credits recommended by NPTEL:1

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



## NPTEL Online Certification

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



AMIT KUMAR

This certificate is awarded to

**AMIT KUMAR**

for successfully completing the course

### Body Language: Key to Professional Success

with a consolidated score of **58** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 24.17/25 | Proctored Exam | 33.68/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: 1571

*Vinod*

Prof. V. C. Srivastava  
Coordinator, Continuing Education Centre  
IIT Roorkee

Jul-Aug 2021  
(4 week course)

*Priti Maheshwari*

Prof. Priti Maheshwari  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL21HS93S24080491

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

Roll No: NPTEL21CS62S24161912

To  
SUMIT KUMAR  
WEST LOHANIPUR  
KADAM KUAN  
PATNA  
BIHAR - 800003  
PH. NO :7766866909



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

No. of credits recommended by NPTEL:2

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

Elite



# NPTEL Online Certification

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



This certificate is awarded to

**SUMIT KUMAR**

for successfully completing the course

**Cloud Computing**

with a consolidated score of **77** %

|                    |       |                |          |
|--------------------|-------|----------------|----------|
| Online Assignments | 24/25 | Proctored Exam | 53.19/75 |
|--------------------|-------|----------------|----------|

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



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

Roll No: NPTEL21CS62S24161771

To  
GAURAV VISHAL  
POSTAL PARK  
CHIRIYATAD, POSTAL PARK, DEVI ASTHAN  
PATNA  
BIHAR - 800001  
PH. NO :7004104497



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

No. of credits recommended by NPTEL:2

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



## NPTEL Online Certification

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



This certificate is awarded to

**GAURAV VISHAL**

for successfully completing the course

**Cloud Computing**

with a consolidated score of **54** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 24.21/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: 3189

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

Aug-Oct 2021  
(8 week course)

  
Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL21CS62S24161771

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

Roll No: NPTEL21CS62S14161094

To  
RAJNISH KUMAR  
RPS MORE PATNA  
LANE NO 15  
PATNA  
BIHAR - 801503  
PH. NO : 7979724517



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $\leq 40$ | No Certificate         |

No. of credits recommended by NPTEL: 2

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



## NPTEL Online Certification

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



This certificate is awarded to

**RAJNISH KUMAR**

for successfully completing the course

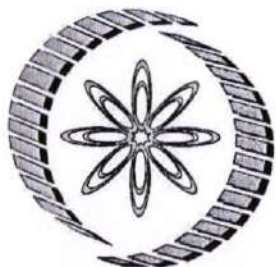
**Cloud Computing**

with a consolidated score of **54** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 23.96/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: 3189





# NPTEL Online Certification

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



This certificate is awarded to

**ATIF**

for successfully completing the course

## Computer Architecture and Organization

with a consolidated score of **54** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 22.31/25 | Proctored Exam | 31.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **278**

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

**Jul-Oct 2021**  
**(12 week course)**

**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL21CS61S14160064

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

FILE W

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

Roll No: NPTEL21DE08S14160227

To  
ABHISHEK RAJ  
NSIT BOYS HOSTEL, SAI MANDIR,  
NSIT, PATNA, INDIA  
PATNA  
BIHAR - 801103  
PH. NO : 6394249322



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:3

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to  
**ABHISHEK RAJ**  
for successfully completing the course

## Control Systems

with a consolidated score of **65** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 24.56/25 | Proctored Exam | 40.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **183**

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Jul-Oct 2021  
(12 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL21DE08S14160227

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



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

Roll No: NPTEL21CS58S14080269

To  
SALONI SINGH  
D/O-ABHAY SINGH, URRBA BAZAR, URRBA  
PO-URRA  
BAHRAICH  
UTTAR PRADESH - 271855  
PH. NO :8102938057



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to

**SALONI SINGH**


for successfully completing the course

## Data Base Management System

with a consolidated score of **61** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 22.08/25 | Proctored Exam | 39/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **993**

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

**Jul-Sep 2021**  
(8 week course)

  
**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No:NPTEL21CS58S14080269

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

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

Roll No: NPTEL21CS68S34161798

To  
SACHIN KUMAR  
S/O UPENDRA RAM ,VILLAGE-IJRA , P.O-IJRA  
P.S-SANGRAMPUR,PHONE-8294650728  
MOTIHARI  
BIHAR - 845419  
PH. NO :8294650728



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

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



## NPTEL Online Certification

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



This certificate is awarded to

**SACHIN KUMAR**

for successfully completing the course

### Design and Analysis of Algorithms

with a consolidated score of **55** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 24.67/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

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

*Devendra Jalihal*

**Prof. Devendra Jalihal**  
Chairman

Centre for Continuing Education, IITM

Aug-Oct 2021

(8 week course)

*Prof. Andrew Thangaraj*

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



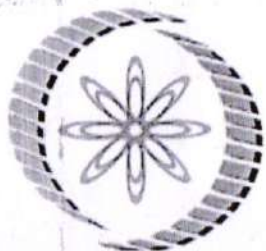
Indian Institute of Technology Madras



Roll No: NPTEL21CS68S34161798

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





# NPTEL Online Certification

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



This certificate is awarded to

**SHIVAM KUMAR**

for successfully completing the course

## Design and Analysis of Algorithms

with a consolidated score of **45** %

|                    |         |                |       |
|--------------------|---------|----------------|-------|
| Online Assignments | 14.5/25 | Proctored Exam | 30/75 |
|--------------------|---------|----------------|-------|

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

*Devendra Jalihal*

**Prof. Devendra Jalihal**

Chairman

Centre for Continuing Education, IITM

**Aug-Oct 2021**

**(8 week course)**

*Prof. Andrew Thangaraj*

**Prof. Andrew Thangaraj**

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL21CS68S34161950

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

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

Roll No: NPTEL21HS57S44162624

To  
KUMAR ADITYA  
RD NO. - 9, H.NO.-1, NEW ALKAPURI  
GARDANIBAGH, PATNA  
PATNA  
BIHAR - 800002  
PH. NO : 7209042634



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

No. of credits recommended by NPTEL:2

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



## NPTEL Online Certification

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



Name: - KUMAR ADITYA

Reg. No.: - 19104103001

Roll No.: - 192004

Date: - 13/07/23

(SOS)

Sam: - Dth

(19-23)

This certificate is awarded to

**KUMAR ADITYA**

for successfully completing the course

### Developing Soft Skills and Personality

with a consolidated score of **53** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 22.63/25 | Proctored Exam | 30.46/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: 8853

*[Signature]*

Prof. Rajesh M. Hegde  
Chairman, Centre for Continuing Education  
IIT Kanpur

Aug-Oct 2021  
(8 week course)

*[Signature]*

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL21HS57S44162624

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



ECE W

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

Roll No: NPTEL21HS57S44160631

To  
ADITYA KUMAR  
ZENPURA ROAD NEAR BHARTI VIDYA PEETH  
BIHAR - 801103  
PH. NO :7870474495



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to

**ADITYA KUMAR**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **70** %

|                    |         |                |          |
|--------------------|---------|----------------|----------|
| Online Assignments | 22.5/25 | Proctored Exam | 47.76/75 |
|--------------------|---------|----------------|----------|

Total number of candidates certified in this course: 8853

Prof. Rajesh M. Hegde  
Chairman, Centre for Continuing Education  
IIT Kanpur

Aug-Oct 2021  
(8 week course)

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL21HS57S44160631

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



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

Roll No: NPTEL21HS57S34161792

To  
SHRESHU SINGH  
VISHWAMITRA COLONY CHARITRAVAN, BUXAR  
BUXAR, BIHAR  
BUXAR  
BIHAR - 802101  
PH. NO :9135146120



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

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

Elite



# NPTEL Online Certification

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



This certificate is awarded to

**SHRESHU SINGH**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **73** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 22.92/25 | Proctored Exam | 50.21/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: 8853

**Prof. Rajesh M. Hegde**  
Chairman, Centre for Continuing Education  
IIT Kanpur

Aug-Oct 2021  
(8 week course)

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



Indian Institute of Technology Kanpur



Roll No: NPTEL21HS57S34161792

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



Name: Anshuman kumar

Roll no.: 185056

Reg no. 18101103037

2018-22

6<sup>th</sup> sem backlog

23/9/2022

Roll No: NPTEL21HS57S44162452

To  
ANSHUMAN KUMAR  
3D, SUNDARI GANGA VILLA APTT  
JAKARIAPUR, PATNA, BIHAR, 800027  
PATNA  
BIHAR - 800027  
PH. NO :9572020547

*P. J. Dahi*  
Principal  
Netaji Subhas Institute of Technology  
Amhar, Bihar, Patna



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to

**ANSHUMAN KUMAR**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **66** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 22.33/25 | Proctored Exam | 43.19/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **8853**

*Rajesh M. Hegde*

Prof. Rajesh M. Hegde  
Chairman, Centre for Continuing Education  
IIT Kanpur

Aug-Oct 2021  
(8 week course)

*Satyaki Roy*

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL21HS57S44162452

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

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

Name - Anshuman kumar

Reg. no - 18101103037

Date - 2/09/22

6 sem<sup>th</sup> back

2018-22

Roll no. - 185056

Roll No: NPTEL21HS57S44162452

To  
ANSHUMAN KUMAR  
3D, SUNDARI GANGA VILLA APTT  
JAKARIAPUR, PATNA, BIHAR, 800027  
PATNA  
BIHAR - 800027  
PH. NO :9572020547



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to

**ANSHUMAN KUMAR**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **66** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 22.33/25 | Proctored Exam | 43.19/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **8853**

Prof. Rajesh M. Hegde  
Chairman, Centre for Continuing Education  
IIT Kanpur

Aug-Oct 2021  
(8 week course)

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL21HS57S44162452

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



RegNo - 19110103005

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

Roll No: NPTEL21EE75S24161725

To  
HIMANSHU KUMAR  
INDRAPURI DASRATHA, NIRMA GODOWN, SIPARA  
P.O- DHELWAN, P.S- BEUR  
PATNA  
BIHAR - 800020  
PH. NO :6202079460



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:3

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



# NPTEL Online Certification

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



This certificate is awarded to

**HIMANSHU KUMAR**

for successfully completing the course

## Digital Circuits

with a consolidated score of **56** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 24.78/25 | Proctored Exam | 31.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **1000**

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

Jul-Oct 2021  
(12 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL21EE75S24161725

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

Reg No - 19110103014

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

Roll No: NPTEL21EE75S24161830

To  
RAHUL KUMAR  
BISHANPUR BAHOR  
NEAR, HANUMAN MANDIR  
BEGUSARAI  
BIHAR - 851129  
PH. NO :8709993106



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

No. of credits recommended by NPTEL:3

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



# NPTEL Online Certification

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



This certificate is awarded to

**RAHUL KUMAR**

for successfully completing the course

## Digital Circuits

with a consolidated score of **55** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 24.63/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **1000**

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

Jul-Oct 2021  
(12 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL21EE75S24161830

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



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

Roll No: NPTEL21EE112S34160280

To  
NIKHIL TIWARY  
SHASHWAT VIHAR COLONY  
NEAR ST. KARENS HIGH SCHOOL, GOLA ROAD  
DANAPUR  
BIHAR - 801503  
PH. NO :6201284094



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:3

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



Elite

# NPTEL Online Certification

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

This certificate is awarded to

**NIKHIL TIWARY**

for successfully completing the course

**Electric Vehicles and Renewable energy**

with a consolidated score of **82** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 19.97/25 | Proctored Exam | 61.88/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **1154**

*Devendra Jalihal*

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

Jul-Oct 2021  
(12 week course)

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



Indian Institute of Technology Madras



Roll No: NPTEL21EE112S34160280

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

AX

Reg No - 18110103009

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

Roll No: NPTEL21EE73S14160048

To  
DESH RAJ PATHAK  
JAMIRA ARA, BHOJPUR BIHAR  
JAMIRA PATHAK TOLA  
ARA  
BIHAR - 802161  
PH. NO : 6203195841



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

No. of credits recommended by NPTEL:3

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



## NPTEL Online Certification

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



This certificate is awarded to

**DESH RAJ PATHAK**

for successfully completing the course

### Fundamentals of Electrical Engineering

with a consolidated score of **52** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 19.85/25 | Proctored Exam | 32.25/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **130**

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

Jul-Oct 2021  
(12 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL21EE73S14160048

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



Roll No: NPTEL21CS63S34161442

To  
PRINCE  
SAROJ SADAN, SHIVAJI NAGAR  
MAKHDUMPUR BAGICHA, DIGHA  
PATNA  
BIHAR - 800011  
PH. NO :9631046636

*S. J. Dahi*  
Principal

Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna



| Score     | Type of Certificate   |
|-----------|-----------------------|
| $\geq 90$ | Elite+Gold            |
| 75-89     | Elite+Silver          |
| $\geq 60$ | Elite                 |
| 40-59     | Successfully Complete |
| $< 40$    | No Certificate        |

No. of credits recommended by NPTEL:3

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

Elite



# NPTEL Online Certification

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



This certificate is awarded to

**PRINCE**

for successfully completing the course

## Introduction to Internet of Things

with a consolidated score of **68** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 24.78/25 | Proctored Exam | 43.5/75 |
|--------------------|----------|----------------|---------|

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

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

Jul-Oct 2021  
(12 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL21CS63S34161442

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

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

Roll No: NPTEL21CS63S34160348

To  
SAURAV SUMAN  
VILL - KISHUNPUR MOHINI  
PO- KISHUNPUR MOHINI  
MUZAFFARPUR  
BIHAR - 844127  
PH. NO :9504785941



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:3

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

Elite



# NPTEL Online Certification

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



This certificate is awarded to

**SAURAV SUMAN**

for successfully completing the course

## Introduction to Internet of Things

with a consolidated score of **60** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 23.53/25 | Proctored Exam | 36/75 |
|--------------------|----------|----------------|-------|

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

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

Jul-Oct 2021  
(12 week course)

  
Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL21CS63S34160348

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



CSE 6  
Exam 2022

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

19105103034

Roll No: NPTEL21CS72S24080490

To  
PRIYA  
B1/3, VIMAL KUNJ, PURNENDUNAGAR  
PHULWARISHARIF  
PATNA  
BIHAR - 801505  
PH. NO :9661013560

f. J Dalei

Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

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



## NPTEL Online Certification

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



This certificate is awarded to

**PRIYA**

for successfully completing the course

### Introduction to Operating Systems

with a consolidated score of **53** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 21.88/25 | Proctored Exam | 31.5/75 |
|--------------------|----------|----------------|---------|

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

Devendra Jalihal

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2021  
(8 week course)

Prof. Andrew Thangaraj

NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



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

Roll No: NPTEL21CS72S24080640

To  
HARSH KUMAR  
RAGHOPUR, BIHTA  
BIHAR - 801103  
PH. NO :8709329174



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to

**HARSH KUMAR**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **71** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 21.13/25 | Proctored Exam | 49.5/75 |
|--------------------|----------|----------------|---------|

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

*Devendra Jaliha*

**Prof. Devendra Jaliha**

Chairman

Centre for Continuing Education, IITM

Jul-Sep 2021

(8 week course)

*Prof. Andrew Thangaraj*

**Prof. Andrew Thangaraj**

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No:NPTEL21CS72S24080640

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



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

Roll No: NPTEL21CS72S24080432

To  
HIMANSHU KUMAR  
VILL-SHIVGADH, P.S-BIKRAM  
BIHAR - 801103  
PH. NO :8309519624



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to

**HIMANSHU KUMAR**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **61** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 22.38/25 | Proctored Exam | 39/75 |
|--------------------|----------|----------------|-------|

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

*Devendra Jalihal*

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

**Jul-Sep 2021**  
(8 week course)

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL21CS72S24080432

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

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

Roll No: NPTEL21CS72S24080610

To  
ASHA KUMARI SOREN  
KHAS MAHAL, ROAD NO. 3  
CHIRAIYATAND, PATNA, BIHAR  
PATNA  
BIHAR - 800001  
PH. NO :7488506839



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

No. of credits recommended by NPTEL:2

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



## NPTEL Online Certification

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



This certificate is awarded to

**ASHA KUMARI SOREN**

for successfully completing the course

### Introduction to Operating Systems

with a consolidated score of **58** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 23.29/25 | Proctored Exam | 34.5/75 |
|--------------------|----------|----------------|---------|

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

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Jul-Sep 2021  
(8 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No:NPTEL21CS72S24080610

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



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

Roll No: NPTEL21CS88S34161382

To  
RAHUL KUMAR  
C/O GYAN BHARTI SCHOOL  
NEW SIPARA MATKHAN, SIPARA  
PATNA  
BIHAR - 800020  
PH. NO : 7903034106



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:3

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



# Elite NPTEL Online Certification

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



This certificate is awarded to

**RAHUL KUMAR**


for successfully completing the course

## Operating System Fundamentals

with a consolidated score of **60** %

|                    |       |                |         |
|--------------------|-------|----------------|---------|
| Online Assignments | 25/25 | Proctored Exam | 34.5/75 |
|--------------------|-------|----------------|---------|

Total number of candidates certified in this course: 797

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

Jul-Oct 2021  
(12 week course)

  
Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



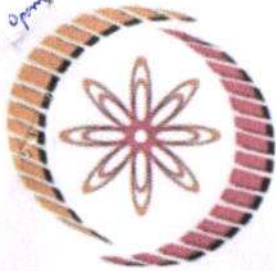
Indian Institute of Technology Kharagpur



Roll No: NPTEL21CS88S34161382

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

ACE  
Enam open



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SHIVAM DUBEY**

for successfully completing the course

## Advanced Machining Processes

with a consolidated score of **57** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 24.38/25 | Proctored Exam | 32.38/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **937**

**Aug-Oct 2022**

**(8 week course)**

**Prof. T. V. Bharat**

Head, Centre for Educational Technology  
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL22ME119S33031063

To validate the certificate



No. of credits recommended: 2 or 3





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



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

## Advanced Machining Processes

with a consolidated score of **55** %

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

Total number of candidates certified in this course: **937**

**Aug-Oct 2022**  
**(8 week course)**

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



Indian Institute of Technology Guwahati







# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**ANIKET RAJ**

for successfully completing the course

## Advances in Welding and Joining Technologies

with a consolidated score of **57** %

|                    |         |                |         |
|--------------------|---------|----------------|---------|
| Online Assignments | 19.5/25 | Proctored Exam | 37.5/75 |
|--------------------|---------|----------------|---------|

Total number of candidates certified in this course: **223**

**Aug-Oct 2022**

**(8 week course)**

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



Indian Institute of Technology Guwahati



Roll No: NPTEL22ME124S43031408

To validate the certificate



No. of credits recommended: 2 or 3



NAME :- ABHISHEK KUMAR

REG NO :- 18101103015

ROLL NO :- 185029

SEM :- 6th (BACKLOG)

DATE :- 23/09/2022

SE  
May Ch - CIVIL (2018-22)  
23/09/22

Roll No: NPTEL22CE22S44032256

To  
ABHISHEK KUMAR  
VILL-ASLANPUR CHAPRA  
DIS-ARWAL  
ARWAL  
BIHAR - 804401  
PH. NO : 7277458537

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

S. J Dalei

Principal  
Netaji Subhas Institute of Technology  
Anbura, Bihta, Patna



No. of credits recommended by NPTEL:3  
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**ABHISHEK KUMAR**

for successfully completing the course

**Air Pollution and Control**

with a consolidated score of **54** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 23.75/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: 5166

*Sam*

Prof. Sanjeev Manhas  
Coordinator, Continuing Education Centre  
IIT Roorkee

Jan-Apr 2022  
(12 week course)

*Priti Maheshwari*

Prof. Priti Maheshwari  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



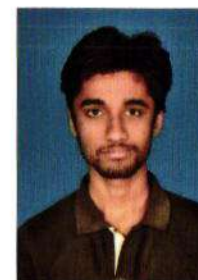
Roll No: NPTEL22CE22S44032256

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



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**MICKEY MANOHAR**

for successfully completing the course

## Blockchain and its Applications

with a consolidated score of **53** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 23.25/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **1965**

**Prof. Jayanta Mukhopadhyay**

Dean Outreach  
IIT Kharagpur

**Jan-Apr 2022**

**(12 week course)**

**Prof. Debjani Chakraborty**

Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS44S14030105

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





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**ROHIT KUMAR**

for successfully completing the course

## Body Language: Key to Professional Success

with a consolidated score of **60** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 24.17/25 | Proctored Exam | 35.51/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **2068**

**Prof. Sanjeev Manhas**  
Coordinator, Continuing Education Centre  
IIT Roorkee

**Aug-Sep 2022**

**(4 week course)**

**Prof. Priti Maheshwari**  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22HS78S33030579

To validate the certificate



No. of credits recommended: 1 or 2





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**PRIYANSHU**

for successfully completing the course

**Body Language: Key to Professional Success**

with a consolidated score of **61** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 20.67/25 | Proctored Exam | 40.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **2068**

*Sanjeev*

**Prof. Sanjeev Manhas**  
Coordinator, Continuing Education Centre  
IIT Roorkee

**Aug-Sep 2022**

**(4 week course)**

*Priti Maheshwari*

**Prof. Priti Maheshwari**  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22HS78S33010114

To validate the certificate



No. of credits recommended: 1 or 2





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**MD WASIM ALAM**

for successfully completing the course

Reg no. 19101103046

Sem :- 7<sup>th</sup> 4<sup>th</sup> Backlog

Roll no :- 195013

Branch :- Civil

Session :- 2019-2023

mobile no. :- 9123183544

verified  
Babul  
29/11/2023

## Body Language: Key to Professional Success

with a consolidated score of **57** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 24.17/25 | Proctored Exam | 33/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **2068**

**Prof. Sanjeev Manhas**  
Coordinator, Continuing Education Centre  
IIT Roorkee

**Aug-Sep 2022**

**(4 week course)**

**Prof. Priti Maheshwari**  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22HS78S33031253

To validate the certificate



No. of credits recommended: 1 or 2





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**MD AARISH IQBAL**  
for successfully completing the course

## Body Language: Key to Professional Success

with a consolidated score of **64** %

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

Total number of candidates certified in this course: **2068**

**Prof. Sanjeev Manhas**  
Coordinator, Continuing Education Centre  
IIT Roorkee

**Aug-Sep 2022**

**(4 week course)**

**Prof. Priti Maheshwari**  
NPTEL Coordinator  
IIT Roorkee

Reg-19101103048  
Sems → 4<sup>th</sup> (Backlog)  
Rollno → 195065  
Session → 2019-23  
Branch - Civil Eng.  
Phone → 9304993679



Indian Institute of Technology Roorkee







# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**ABHISHEK KUMAR YADAV**  
for successfully completing the course

Reg-19101103020  
sem- 4th (backlog)  
Rollno- 195015  
session- 2019-23  
branch- civil Engg.  
mob- 7079320638

## Body Language: Key to Professional Success

with a consolidated score of **53** %

|                    |         |                |         |
|--------------------|---------|----------------|---------|
| Online Assignments | 21.5/25 | Proctored Exam | 31.5/75 |
|--------------------|---------|----------------|---------|

Total number of candidates certified in this course: **2068**

**Prof. Sanjeev Manhas**  
Coordinator, Continuing Education Centre  
IIT Roorkee

**Aug-Sep 2022**

**(4 week course)**

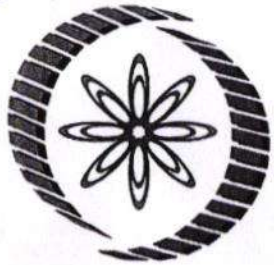
**Prof. Priti Maheshwari**  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee







# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**DEEPANSU SEN GUPTA**  
for successfully completing the course

## Body Language: Key to Professional Success

with a consolidated score of **55** %

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

Total number of candidates certified in this course: **2068**

*Sanjeev*  
Head of Department  
Department of Civil Engineering  
Netaji Subhas Institute of Technology

**Prof. Sanjeev Manhas**  
Coordinator, Continuing Education Centre  
IIT Roorkee

**Aug-Sep 2022**

**(4 week course)**

*Priti Maheshwari*

**Prof. Priti Maheshwari**  
NPTEL Coordinator  
IIT Roorkee

*R. K. Singh*  
Principal

Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna

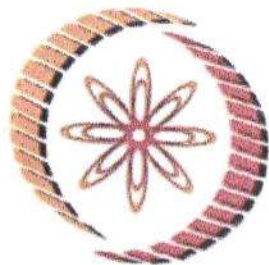


Indian Institute of Technology Roorkee





A2



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**KUMAR SAURAV**

for successfully completing the course

**Body Language: Key to Professional Success**

with a consolidated score of **54** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 24.17/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **2068**

**Prof. Sanjeev Manhas**  
Coordinator, Continuing Education Centre  
IIT Roorkee

**Aug-Sep 2022**

**(4 week course)**

**Prof. Priti Maheshwari**  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22HS78S43030396

To validate the certificate



No. of credits recommended: 1





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



REG:- 18105103018

Roll No:- 181036

SEM:- 6<sup>th</sup> SEM (Back Lock)

This certificate is awarded to

**ANSHU KUMAR**

for successfully completing the course

## Cloud Computing

with a consolidated score of **55** %

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

Total number of candidates certified in this course: **9640**

Jul-Oct 2022

(12 week course)

**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS87S63030963

To validate the certificate



No. of credits recommended: 3 or 4





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**BHARTI SINHA**

for successfully completing the course

**Cloud Computing**

with a consolidated score of **53** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 23.03/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **4701**

**Prof. Jayanta Mukhopadhyay**

Dean Outreach  
IIT Kharagpur

**Jan-Apr 2022**  
**(12 week course)**

**Prof. Debjani Chakraborty**

Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



CSE 6  
Exam 2022

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

191034  
19105103022

Roll No: NPTEL22CS51S34072268

To  
SUMEDHA SUMAN  
LAKHISARAI SURAJGARHA KAWADPUR  
BIHAR PIN CODE 811106  
PATNA  
BIHAR - 811106  
PH. NO :9304154723

f. J Dalei  
Principal

Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna



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

No. of credits recommended by NPTEL:2

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



Elite

## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SUMEDHA SUMAN**

for successfully completing the course

### Data Base Management System

with a consolidated score of **60** %

|                    |         |                |          |
|--------------------|---------|----------------|----------|
| Online Assignments | 22.5/25 | Proctored Exam | 37.75/75 |
|--------------------|---------|----------------|----------|

Total number of candidates certified in this course: **2095**

J

Prof. Jayanta Mukhopadhyay  
Dean Outreach  
IIT Kharagpur

Jan-Mar 2022  
(8 week course)

Debjani

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS51S34072268

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



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

Name: ABHISHEK KUMAR  
Reg No: 19104103006  
Roll No: 192002  
Date: 19/07/2023  
Semester: IV<sup>th</sup>  
(19-23)

Roll No: NPTEL22CS51S34072288

To  
ABHISHEK KUMAR  
RAJA BAJAR BCV GALI PUNAM SRINGAR STORE  
BIHAR PIN CODE 800014  
PATNA  
BIHAR - 800014  
PH. NO : 7485022668



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

No. of credits recommended by NPTEL: 2

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



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

ABHISHEK KUMAR

for successfully completing the course

## Data Base Management System

with a consolidated score of 60 %

|                    |         |                |          |
|--------------------|---------|----------------|----------|
| Online Assignments | 22.5/25 | Proctored Exam | 37.75/75 |
|--------------------|---------|----------------|----------|

Total number of candidates certified in this course: 2095

Prof. Jayanta Mukhopadhyay  
Dean Outreach  
IIT Kharagpur

Jan-Mar 2022  
(8 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS51S34072288

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



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

Roll No: NPTEL22CS51S34072278

To  
KUMAR ADITYA  
NEW ALKAPURI GARDANIBAGH  
BIHAR PIN CODE 800002  
PATNA  
BIHAR - 800002  
PH. NO : 7209042634



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

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



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**KUMAR ADITYA**

for successfully completing the course

### Data Base Management System

with a consolidated score of **62** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 17.21/25 | Proctored Exam | 44.64/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: 122

Prof. Jayanta Mukhopadhyay  
Dean Outreach  
IIT Kharagpur

Jan-Mar 2022  
(8 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS51S34072278

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



Roll No: NPTEL22C551534072268

To  
SUMEDHA SUMAN  
LAKHISARAI SURAJGARHA KAWADPUR  
BIHAR PIN CODE 811106  
PATNA  
BIHAR - 811106  
PH. NO :9304154723



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

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

Elite



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



Registration no - 19105103022  
Semester - 5<sup>th</sup>

This certificate is awarded to

**SUMEDHA SUMAN**

for successfully completing the course

## Data Base Management System

with a consolidated score of 60 %

|                    |         |                |          |
|--------------------|---------|----------------|----------|
| Online Assignments | 22.5/25 | Proctored Exam | 37.75/75 |
|--------------------|---------|----------------|----------|

Total number of candidates certified in this course: 2095

Prof. Jayanta Mukhopadhyay  
Dean Outreach  
IIT Kharagpur

Jan-Mar 2022  
(8 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22C551534072268

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





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**NISHANT KUMAR**

for successfully completing the course

## Data Base Management System

with a consolidated score of **50** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 15.42/25 | Proctored Exam | 34.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **3478**

Aug-Oct 2022

(8 week course)

Reg no - 17105103035

Sem - 6th (Special)

Roll no - 171008

Branch - CSE

Session - 2017-2021

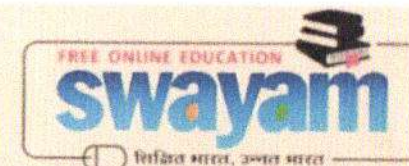
Mob no - 9155902482

**Prof. Debjani Chakraborty**

Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS91S33030881

To validate the certificate



No. of credits recommended: 2 or 3



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

**KHUSHI**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **80** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 20.63/25 | Proctored Exam | 59/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **9572**

*Pathish*

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

**Jul-Sep 2022**

**(8 week course)**

*Satyaki*

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



Indian Institute of Technology Kanpur



Roll No: NPTEL22HS77S23172773

To validate the certificate



No. of credits recommended: 2 or 3





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**SHUBHLAKSHMI PATEL**  
for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **53** %

|                    |       |                |       |
|--------------------|-------|----------------|-------|
| Online Assignments | 23/25 | Proctored Exam | 30/75 |
|--------------------|-------|----------------|-------|

Total number of candidates certified in this course: **9572**

*Pathish*

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

**Jul-Sep 2022**  
**(8 week course)**

*Satyaki Roy*

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



Indian Institute of Technology Kanpur

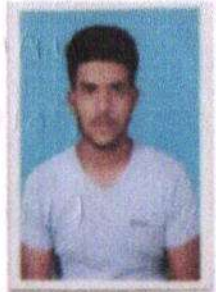






# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**ANKIT RAJ**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **57** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 22.83/25 | Proctored Exam | 33.8/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **9572**

*Patish*

**Prof. B. V. Ratish Kumar**

Chairman, Centre for Continuing Education  
IIT Kanpur

**Jul-Sep 2022**

**(8 week course)**

*Satyaki Roy*

**Prof. Satyaki Roy**

NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL22HS77S23172314

To validate the certificate



No. of credits recommended: 2 or 3





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



AMIT KUMAR

This certificate is awarded to

**AMIT KUMAR**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **56** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 22.96/25 | Proctored Exam | 32.71/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **9572**

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

**Jul-Sep 2022**

**(8 week course)**

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



Indian Institute of Technology Kanpur



Roll No: NPTEL22HS77S23740478

To validate the certificate



No. of credits recommended: 2 or 3





Name  $\Rightarrow$  KUMARI AKANKSHA  
Roll no  $\Rightarrow$  194006  
Registration no  $\Rightarrow$  19110103006

Sem  $\Rightarrow$  3rd

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**KUMARI AKANKSHA**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **54** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 19.29/25 | Proctored Exam | 34.64/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **9572**

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

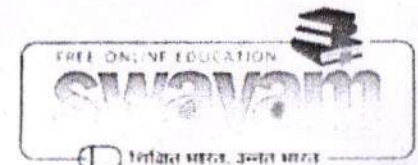
**Jul-Sep 2022**

**(8 week course)**

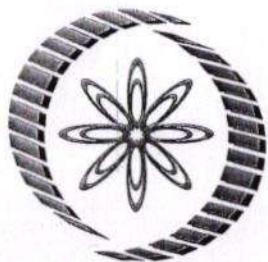
**Prof. Satyaki Roy**  
NPTEL Coordinator  
- IIT Kanpur



Indian Institute of Technology Kanpur







Roll No - 194012  
Branch - EEE (3rd)  
Reg. No - 19110103011  
Sem - 3rd sem

**Elite**

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**ALOK KUMAR DAS**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **62** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 22.67/25 | Proctored Exam | 39.8/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **9572**

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

**Jul-Sep 2022**

**(8 week course)**

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



Indian Institute of Technology Kanpur



Roll No: NPTEL22HS77S23172503

To validate the certificate



No. of credits recommended: 2 or 3



NAME:- RISHI PRAKASH PANDEY  
Roll no:- 194011  
Reg no:- 19110103012  
Sem:- 5<sup>th</sup>



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**RISHI PRAKASH PANDEY**  
for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **56** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 22.71/25 | Proctored Exam | 32.81/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **9572**

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

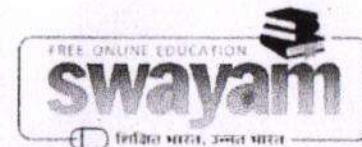
**Jul-Sep 2022**

**(8 week course)**

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



Indian Institute of Technology Kanpur



Roll No: NPTEL22HS77S13170162

To validate the certificate



No. of credits recommended: 2 or 3



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**VISHAL KUMAR**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **53** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 22.96/25 | Proctored Exam | 30.16/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **9572**

*Ratish*

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

**Jul-Sep 2022**

**(8 week course)**

*Satyaki*

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



Indian Institute of Technology Kanpur



Roll No: NPTEL22HS77S13170559

To validate the certificate



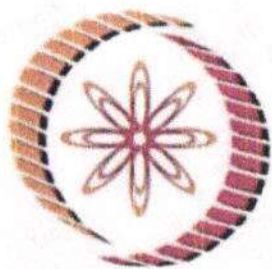
No. of credits recommended: 2 or 3

118101103042

*f. J Dalei*

**Principal**  
**Netaji Subhas Institute of Technology**  
**Amhara, Bihta, Patna**





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**ANKIT KUMAR**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **61** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 23.13/25 | Proctored Exam | 37.66/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **9572**

*Pathish*

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

**Jul-Sep 2022**

**(8 week course)**

*Satyaki*

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



Indian Institute of Technology Kanpur



Roll No: NPTEL22HS77S23172291

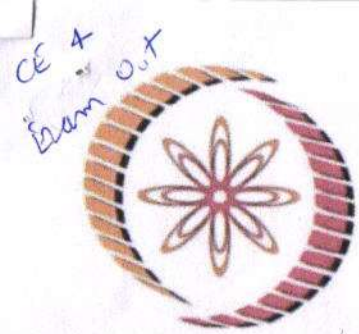
To validate the certificate



No. of credits recommended: 2 or 3

not verified





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



not verified

This certificate is awarded to

**SONU KUMAR**

for successfully completing the course

Reg. No :- 20101103015  
Sem. No → 4th (Regular)  
Roll No → 205005  
Branch → Civil

**Developing Soft Skills and Personality**

Session → 2020-2024  
Mobil → 7369088336

with a consolidated score of **55** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 22.75/25 | Proctored Exam | 32.57/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **9572**

*Pathish*

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

**Jul-Sep 2022**

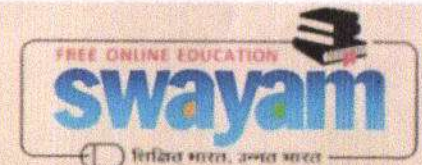
**(8 week course)**

*Satyaki Roy*

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



Indian Institute of Technology Kanpur



Roll No: NPTEL22HS77S13171891

To validate the certificate



No. of credits recommended: 2 or 3





**Elite**

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**RAVIKANT PANDEY**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **65** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 22.58/25 | Proctored Exam | 42.21/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **9572**

*Patish*

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

**Jul-Sep 2022**

**(8 week course)**

*Satyaki Roy*

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



Indian Institute of Technology Kanpur



Roll No: NPTEL22HS77S13171309

To validate the certificate



No. of credits recommended: 2 or 3



CE & Telkari file

**Elite**

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**SAUMYA KAUSHIK**  
for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **71** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 19.33/25 | Proctored Exam | 51.83/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **9572**

Head of Department  
Department of Continuing Education  
Netaji Subhas Institute of Technology  
*Ratish*  
**Prof. B. V. Ratish Kumar**  
Chairman, Centre for Continuing Education  
IIT Kanpur

**Jul-Sep 2022**  
**(8 week course)**

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



Indian Institute of Technology Kanpur

*R. Subhas*  
Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihra, Patna



Roll No: NPTEL22HS77S13171645

To validate the certificate



No. of credits recommended: 2 or 3





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**BASUDEV**

for successfully completing the course



## Developing Soft Skills and Personality

with a consolidated score of **75** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 22.63/25 | Proctored Exam | 52.67/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **9572**

Head of Department  
Department of Communication Engineering  
Netaji Subhas Institute of Technology  
*Ratish*  
**Prof. B. V. Ratish Kumar**  
Chairman, Centre for Continuing Education  
IIT Kanpur

**Jul-Sep 2022**  
(8 week course)

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



Indian Institute of Technology Kanpur

*R. K. Singh*  
Principal  
Netaji Subhas Institute of Technology  
Ankhar, Bihta, Patna



Roll No: NPTEL22HS77S23170824

To validate the certificate



No. of credits recommended: 2 or 3

CSE 6  
Exam 2022



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



17105103040

This certificate is awarded to

**ROHIT KUMAR SINGH**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **64** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 22.63/25 | Proctored Exam | 41.8/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **9572**

*Ratish*

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

**Jul-Sep 2022**

**(8 week course)**

*Satyaki*

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



Indian Institute of Technology Kanpur



Roll No: NPTEL22HS77513171555

To validate the certificate



No. of credits recommended: 2 or 3

*f. J Dalei*

**Principal**  
**Netaji Subhas Institute of Technology**  
Amhara, Bihta, Patna





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**VISHAL KUMAR**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **53** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 22.96/25 | Proctored Exam | 30.16/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **9572**

*Pathish*

**Prof. B. V. Ratish Kumar**

Chairman, Centre for Continuing Education  
IIT Kanpur

**Jul-Sep 2022**

**(8 week course)**

*Satyaki Roy*

**Prof. Satyaki Roy**

NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL22HS77S13170559

To validate the certificate



No. of credits recommended: 2 or 3



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

Name: MOFEEZ JAWED

Roll NO: 185034

Reg NO: 18101103057

Session 2 2018-22

Sem 3- 6th

Branch: Civil

Date: 23/09/22

Roll No: NPTEL22HS10S34070695

To  
MOFEEZ JAWED  
PEERBIGHA, POST-CHAKAND  
BIHAR - 804404  
PH. NO :6203397667

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



P. J. Dahi  
Principal  
Netaji Subhas Institute of Technology  
Peerbigha, Patna  
No. of credits recommended by NPTEL:1

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



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**MOFEEZ JAWED**

for successfully completing the course

### Development of Sociology in India

with a consolidated score of **52** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 21.67/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: 273

*Prof. B. V. Ratish Kumar*

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

Jan-Feb 2022  
(4 week course)

*Prof. Satyaki Roy*

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL22HS10S34070695

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



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

Name: Md. Taha Ashfaque

Roll No: 185077

Reg No: 18101103056

Session: 2018-22

Sem: 6th

Branch: Cui

Date: 23/9/22

Roll No: NPTEL22HS10S34070699

To  
MD TAHA ASHFAQUE  
MUSLIM HOTEL ROAD, GEWAL BIGHA, GAYA  
BIHAR - 823001  
PH. NO : 7903640263

f. J. Daleri

Principal

Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna

No. of credits recommended by NPTEL: 1

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



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



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**MD TAHA ASHFAQUE**

for successfully completing the course

### Development of Sociology in India

with a consolidated score of **60** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 21.67/25 | Proctored Exam | 38.51/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: 273

Ratish

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

Jan-Feb 2022  
(4 week course)

Satyaki Roy

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL22HS10S34070699

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

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

MOFEEZ JAWED  
Roll no :- 185034  
Reg no :- 18101103057  
Date :- 1/09/22  
Sem :- 6th Backlog

Roll No: NPTEL22HS10S34070695

To  
MOFEEZ JAWED  
PEERBIGHA, POST-CHAKAND  
BIHAR - 804404  
PH. NO :6203397667



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

No. of credits recommended by NPTEL:1

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



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**MOFEEZ JAWED**

for successfully completing the course

### Development of Sociology in India

with a consolidated score of **52** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 21.67/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: 273

*Pathish*

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

Jan-Feb 2022  
(4 week course)

*Satyaki Roy*

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL22HS10S34070695

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



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

MD TAHA ASHFAQUE  
Roll No - 185077  
Reg No - 18101103056  
Date - 04/09/22  
Sem:- 6<sup>th</sup> Backlog

Roll No: NPTEL22HS10S34070699

To  
MD TAHA ASHFAQUE  
MUSLIM HOTEL ROAD, GEWAL BIGHA, GAYA  
BIHAR - 823001  
PH. NO : 7903640263



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

No. of credits recommended by NPTEL:1

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



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**MD TAHA ASHFAQUE**

for successfully completing the course

### Development of Sociology in India

with a consolidated score of **60** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 21.67/25 | Proctored Exam | 38.51/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: 273

*Prof. B. V. Ratish Kumar*

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

Jan-Feb 2022  
(4 week course)

*Prof. Satyaki Roy*

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur

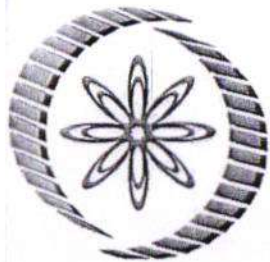


Roll No: NPTEL22HS10S34070699

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



ECE 4  
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# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SHASHIKANT KUMAR**

for successfully completing the course

## Digital Image Processing

with a consolidated score of **57** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 21.44/25 | Proctored Exam | 36/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **956**

*[Signature]*  
Head of Department  
Department of Electrical Engineering  
Netaji Subhas Institute of Technology

Jul-Oct 2022  
(12 week course)

*[Signature]*  
Principal  
Netaji Subhas Institute of Technology  
Amhera, Bihar, Patna

*[Signature]*  
Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22EE116S33020349

To validate the certificate



No. of credits recommended: 3 or 4



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

Name - Nitin Kumar Anshu

Roll- 185003

Session- 2018-22

Reg No:- 18101103008

Sem:- 6th

Date - 23/09/2022

Roll No: NPTEL22HS16S44071473

To  
NITIN KUMAR ANSHU  
RANIFUR PHULWARI SHARIF  
NEAR DEVI STHAN  
PATNA  
BIHAR - 801505  
PH. NO : 9262351178

f. J. Dole

Principal  
Netaji Subhas Institute of Technology  
Ambara, Bihta, Patna



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL: 2

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



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**NITIN KUMAR ANSHU**  
for successfully completing the course

### Economic Growth and Development

with a consolidated score of **46** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 13.33/25 | Proctored Exam | 33/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: 263

Jan-Mar 2022  
(8 week course)

*Hemant B Kaushik*

Prof. Hemant B Kaushik  
Head, Center for Educational Technology  
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL22HS16S44071473

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



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

Name  $\Rightarrow$  SACHCHIDANAND

Rollno  $\Rightarrow$  185064

Regno  $\Rightarrow$  18101103039

Sem  $\Rightarrow$  6th Sem Regular

Session  $\Rightarrow$  2018-22

Date  $\Rightarrow$  23/09/22

Roll No: NPTEL22HS16S34070148

To  
SACHCHIDANAND  
FLAT NO.3C PARMESHWAR ENCLAVE APPT  
DAMARIYA ROAD NO.10 GARDANIBAGH PATNA  
PATNA  
BIHAR - 800002  
PH. NO : 7766901148

f. J. Doley  
Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

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



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SACHCHIDANAND**

for successfully completing the course

### Economic Growth and Development

with a consolidated score of **46** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 14.58/25 | Proctored Exam | 31.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **263**

Jan-Mar 2022  
(8 week course)

*Hemant B Kaushik*

Prof. Hemant B Kaushik  
Head, Center for Educational Technology  
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL22HS16S34070148

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



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

Name → AMAN PANDEY

Reg. No → 18101103024

Roll No → 185028

Session → 2018-2022

6th SEM

(Reg)

23/09/2022

Roll No: NPTEL22HS16S44071826

To  
AMAN PANDEY  
RASTOGI MOHLLA, MANER  
P.O.+P.S- MANER  
MANER  
BIHAR - 801108  
PH. NO :9631575457

f. J. Dalei  
Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna



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

No. of credits recommended by NPTEL:2

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



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**AMAN PANDEY**

for successfully completing the course

### Economic Growth and Development

with a consolidated score of **44** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 14.17/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **263**

Jan-Mar 2022  
(8 week course)

*Hemant B Kaushik*

Prof. Hemant B Kaushik  
Head, Center for Educational Technology  
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL22HS16S44071826

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

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

Roll No: NPTEL22HS16S44071473

To  
NITIN KUMAR ANSHU  
RANIPUR PHULWARI SHARIF  
NEAR DEVI STHAN  
PATNA  
BIHAR - 801505  
PH. NO : 9262353178



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL: 2

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



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**NITIN KUMAR ANSHU**

for successfully completing the course

### Economic Growth and Development

with a consolidated score of **46** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 13.33/25 | Proctored Exam | 33/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: 263

Jan-Mar 2022  
(8 week course)

*Handwritten signature*

Prof. Hemant B Kaushik  
Head, Center for Educational Technology  
NPTEL Coordinator (IT Guwahati)



Indian Institute of Technology Guwahati



Roll No NPTEL22HS16S44071473

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



CE Dept

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

NAME - PIYUSH RAJ SINGH

BRANCH - CENIL

Roll No. - 195058

Reg. No. - 19101103021

Sem - IV

Roll No: NPTEL22HS05S34070639

To

PIYUSH RAJ SINGH  
GOLA ROAD VIDHI NAGAR JANKPURI COLONY  
BAILEY ROAD PATNA  
PATNA  
BIHAR - 801503  
PH. NO : 7277482326



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:1

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



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**PIYUSH RAJ SINGH**

for successfully completing the course

**Effective Writing**

with a consolidated score of **55** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 19.17/25 | Proctored Exam | 36/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **3816**

*Sanjeev Manhas*

**Prof. Sanjeev Manhas**  
Coordinator, Continuing Education Centre  
IIT Roorkee

Jan-Feb 2022  
(4 week course)

*Priti Maheshwari*

**Prof. Priti Maheshwari**  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22HS05S34070639

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

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

Name:- Md Arshad Alam  
Branch:- Civil  
Reg no:- 19101103010  
Roll no:- 195011

md Arshad Alam

Roll No: NPTEL22HS05S34072104

To  
MD ARSHAD ALAM  
H.NO-243 SAJJAD NAGAR, APNA GHARANA  
NEW MILLAT COLONY SEC-3 PHULWARI SHARIF  
PATNA  
BIHAR - 801505  
PH. NO :8210143130



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:1

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



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



MD ARSHAD ALAM  
20/01/2021

This certificate is awarded to

**MD ARSHAD ALAM**

for successfully completing the course

**Effective Writing**

with a consolidated score of **54** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 19.17/25 | Proctored Exam | 34.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **3816**

*Sanjeev Manhas*

**Prof. Sanjeev Manhas**  
Coordinator, Continuing Education Centre  
IIT Roorkee

Jan-Feb 2022  
(4 week course)

*Priti Maheshwari*

**Prof. Priti Maheshwari**  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No NPTEL22HS05S34072104

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



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

Roll No: NPTEL22HS05S34072137

To  
MOHIT KUMAR  
VILL-JAHINGARA P.O-DAMODARPUR  
BIHAR - 845416  
PH. NO :7277325732



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:1

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



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**MOHIT KUMAR**

for successfully completing the course

**Effective Writing**

with a consolidated score of **54** %

|                    |         |                |         |
|--------------------|---------|----------------|---------|
| Online Assignments | 22.5/25 | Proctored Exam | 31.5/75 |
|--------------------|---------|----------------|---------|

Total number of candidates certified in this course: **3816**

**Prof. Sanjeev Manhas**  
Coordinator, Continuing Education Centre  
IIT Roorkee

Jan-Feb 2022  
(4 week course)

**Prof. Priti Maheshwari**  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22HS05S34072137

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



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

Roll No: NPTEL22HS05S34072206

To  
SATYAM KUMAR  
HOUSE +POST FUDKICHAK  
THANA GOGRI JAMALPUR  
KHAGARIA  
BIHAR - 851203  
PH. NO :9608385428



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:1

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



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SATYAM KUMAR**

for successfully completing the course

**Effective Writing**

with a consolidated score of **53** %

|                    |         |                |       |
|--------------------|---------|----------------|-------|
| Online Assignments | 22.5/25 | Proctored Exam | 30/75 |
|--------------------|---------|----------------|-------|

Total number of candidates certified in this course: **3816**

**Prof. Sanjeev Manhas**  
Coordinator, Continuing Education Centre  
IIT Roorkee

Jan-Feb 2022  
(4 week course)

**Prof. Priti Maheshwari**  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22HS05S34072206

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



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

KUMAR SONU

Session - 2017-21

Key No. - 175020

Reg No. - 17101103025

Sem : 6th (Backlog)

Roll No: NPTEL22HS05S44071956

To  
KUMAR SONU  
S/O: SANAJY KUMAR, AT+POST - NAYAGAON  
ZORAWARPUR, P.S.- PARBATA, DIS-KHAGARIA  
KHAGARIA  
BIHAR - 851215  
PH. NO : 8674882850

f. J. Dulei  
Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:1

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



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**KUMAR SONU**

for successfully completing the course

**Effective Writing**

with a consolidated score of **54** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 19.17/25 | Proctored Exam | 35.25/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **3816**

f. Sanjeev Manhas

Prof. Sanjeev Manhas  
Coordinator, Continuing Education Centre  
IIT Roorkee

Jan-Feb 2022  
(4 week course)

P. P. Maheshwari

Prof. P. P. Maheshwari  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22HS05S44071956

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

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

MAUSAM KUMAR

Session - 2018-22

Reg. No. - 18101103050

Roll No. - 185070

Sem - 6th (Backlog)

Roll No: NPTEL22HS05S44071997

To  
MAUSAM KUMAR  
BATHAILI  
KATIHAR  
BIHAR - 854105  
PH. NO : 9006729539

f. J. Daler

Principal

Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna



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

No. of credits recommended by NPTEL:1

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



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**MAUSAM KUMAR**

for successfully completing the course

**Effective Writing**

with a consolidated score of **52** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 19.17/25 | Proctored Exam | 33/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **3816**

Sanjeev Manhas

Prof. Sanjeev Manhas  
Coordinator, Continuing Education Centre  
IIT Roorkee

Jan-Feb 2022  
(4 week course)

Priti Maheshwari

Prof. Priti Maheshwari  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22HS05S44071997

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



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

MAYANK RAJ

Roll No - 195183

Rg No - 20101103901

Session - 2019-2023

Sem - 6<sup>th</sup> sem (Lateral)

23/09/2022

Roll No: NPTEL22HS05S44072039

To  
MAYANK RAJ  
DRAVILANE  
DANAPUR CANTT  
PATNA  
BIHAR - 801503  
PH. NO :8292806842

f. JDalei

Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:1

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



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**MAYANK RAJ**

for successfully completing the course

**Effective Writing**

with a consolidated score of **51** %

|                    |       |                |         |
|--------------------|-------|----------------|---------|
| Online Assignments | 10/25 | Proctored Exam | 40.5/75 |
|--------------------|-------|----------------|---------|

Total number of candidates certified in this course: **3816**

*Sam*

Prof. Sanjeev Manhas  
Coordinator, Continuing Education Centre  
IIT Roorkee

Jan-Feb 2022  
(4 week course)

*Priti Maheshwari*

Prof. Priti Maheshwari  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22HS05S44072039

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

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

VIKASH KUMAR

Regno: - 19101103017

Branch: - Civil

Rollno: - 195023

Session: - 2019-23

DATE: - 23/9/22

Sem: - VI<sup>th</sup>

Regular  
f. J. Dalei

Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna

Roll No: NPTEL22HS05S34070170

To  
VIKASH KUMAR  
RUPASPUR  
BIHAR - 801506  
PH. NO :916203121171



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

No. of credits recommended by NPTEL:1

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



Elite

## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**VIKASH KUMAR**

for successfully completing the course

**Effective Writing**

with a consolidated score of **68** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 18.33/25 | Proctored Exam | 49.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **3816**

*Sanjeev Manhas*

Prof. Sanjeev Manhas  
Coordinator, Continuing Education Centre  
IIT Roorkee

Jan-Feb 2022

(4 week course)

*Priti Maheshwari*

Prof. Priti Maheshwari  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22HS05S34070170

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



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

Name - Tejashwani Kumari

Session - 2019-2023

Roll no - 195050

Reg No: 19101103007

Sem - 6th

Date - 23/09/2022

Roll No: NPTEL22HS05S34070418

To  
TEJASHWANI KUMARI  
NEW PURANDARPUR JAKKANPUR OLD THANAL GALL  
G.P.O PATNA  
PATNA  
BIHAR - 800001  
PH. NO :7992382612

S. J. Dalei

Principal

Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna

No. of credits recommended by NPTEL:1

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

| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**TEJASHWANI KUMARI**

for successfully completing the course

**Effective Writing**

with a consolidated score of **49** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 19.17/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **3816**

S. M.

Prof. Sanjeev Manhas  
Coordinator, Continuing Education Centre  
IIT Roorkee

Jan-Feb 2022  
(4 week course)

P. Maheshwari

Prof. Priti Maheshwari  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22HS05S34070418

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

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

Name - MD SAHIL NAWAZ HUSSAIN  
Branch - CIVIL, 195061, Sem - 6th regular  
Reg - 19101103005 Sem - 2019-22

Roll No: NPTEL22HS05S44071327

To  
MD SAHIL NAWAZ HUSSAIN  
VILL-RASULPUR HABIB PO-CHANDPURA NANHKAR  
VILL-RASULPUR HABIB  
VAISHALI  
BIHAR - 844504  
PH. NO : 7739947027

S. J. Dahi

Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna



| Score     | Type of Certificate |
|-----------|---------------------|
| $\geq 90$ | Elite+Gold          |
| 75-89     | Elite+Silver        |
| $\geq 60$ | Elite               |
| 40-59     | Successfully Comple |
| $< 40$    | No Certificate      |

No. of credits recommended by NPTEL: 1

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



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**MD SAHIL NAWAZ HUSSAIN**

for successfully completing the course

## Effective Writing

with a consolidated score of **51** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 19.17/25 | Proctored Exam | 31.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **3816**

*Sanjeev Manhas*

Prof. Sanjeev Manhas  
Coordinator, Continuing Education Centre  
IIT Roorkee

Jan-Feb 2022  
(4 week course)

*Priti Maheshwari*

Prof. Priti Maheshwari  
NPTEL Coordinator  
IIT Roorkee



MD Intakhab Akhtar  
195022 6<sup>th</sup> Sem Regular  
19101103002  
CE 19-23

Roll No: NPTEL22HS05S44071270

To  
MD INTAKHAB AKHTAR  
C/O DR RAM JEE SINHA JANKI BHAWAN  
NEAR TARA MANDAL, BAILEY ROAD  
PATNA  
BIHAR - 800001  
PH. NO :8409184758



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

*S. J. Dalei*  
Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna

No. of credits recommended by NPTEL:1

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



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**MD INTAKHAB AKHTAR**  
for successfully completing the course

**Effective Writing**

with a consolidated score of **49** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 19.17/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **3816**

*Sanjeev Manhas*

Prof. Sanjeev Manhas  
Coordinator, Continuing Education Centre  
IIT Roorkee

Jan-Feb 2022  
(4 week course)

*Priti Maheshwari*

Prof. Priti Maheshwari  
NPTEL Coordinator  
IIT Roorkee

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

Vicky Kumar.  
Roll-195032  
2019-23 (Regular)  
CIVIL  
6th sem.  
Reg:-19101103044  
23/9/22

Roll No: NPTEL22HS05S34070819

To  
VICKY KUMAR  
MAHAVIR GANG TOLA  
SOUTH EKAUNA  
ARA  
BIHAR - 802210  
PH. NO :7042878359

f. J. Dahi  
Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna



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

No. of credits recommended by NPTEL:1

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



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**VICKY KUMAR**

for successfully completing the course

**Effective Writing**

with a consolidated score of **52** %

|                    |       |                |         |
|--------------------|-------|----------------|---------|
| Online Assignments | 20/25 | Proctored Exam | 31.5/75 |
|--------------------|-------|----------------|---------|

Total number of candidates certified in this course: **3816**

*Sanjeev Manhas*

Prof. Sanjeev Manhas  
Coordinator, Continuing Education Centre  
IIT Roorkee

Jan-Feb 2022  
(4 week course)

*Priti Maheshwari*

Prof. Priti Maheshwari  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22HS05S34070819

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



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

Saurav Kumar  
195027  
2019-23  
Civ'l  
I<sup>th</sup> Semester  
Reg:-19101103042  
23/9/22

Roll No: NPTEL22HS05S34070547

To  
SAURAV RAJ  
VILLAGE =KARNE KURHA  
BITHA, PATNA  
PATNA  
BIHAR - 801103  
PH. NO :9523753661

P. J. Dahi  
Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna



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

No. of credits recommended by NPTEL:1

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



Elite

## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SAURAV RAJ**

for successfully completing the course

**Effective Writing**

with a consolidated score of **66** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 19.17/25 | Proctored Exam | 46.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **3816**

*Sanjeev Manhas*

Prof. Sanjeev Manhas  
Coordinator, Continuing Education Centre  
IIT Roorkee

Jan-Feb 2022  
(4 week course)

*Priti Maheshwari*

Prof. Priti Maheshwari  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22HS05S34070547

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

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

NAME:- Harsh Choudhary,  
Session:- 2020-23  
Roll No:- 195187  
Reg No:- 20101103904  
Sem:- 6th

Roll No: NPTEL22HS05S44071860

To  
HARSH CHOUDHARY  
BARRAH PATTHAR  
WARD NO 14  
SAMASTIPUR  
BIHAR - 848101  
PH. NO :8709934331

*f. J Dalei*  
Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna



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

No. of credits recommended by NPTEL:1

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



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**HARSH CHOUDHARY**  
for successfully completing the course

### Effective Writing

with a consolidated score of **54** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 19.17/25 | Proctored Exam | 34.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **3816**

*Sanjeev Manhas*

Prof. Sanjeev Manhas  
Coordinator, Continuing Education Centre  
IIT Roorkee

Jan-Feb 2022  
(4 week course)

*Priti Maheshwari*

Prof. Priti Maheshwari  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22HS05S44071860

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



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

Name - DEEPAK KUMAR

Session - 2018-22

Roll no - 185033

Reg no - 18101103030

Sem - 6<sup>th</sup>

Roll No: NPTEL22HS05S44071129

To  
DEEPAK KUMAR  
S/O UPENDRA PANDEY, MUKHIYA LOUDGE,  
SHIV NAGAR, ROAD NO.- 03, PARSANWAN  
GAYA  
BIHAR - 823004  
PH. NO :7654280030

*f. J. Daler*  
Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:1

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



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**DEEPAK KUMAR**

for successfully completing the course

**Effective Writing**

with a consolidated score of **51** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 18.33/25 | Proctored Exam | 33/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **3816**

*Sanjeev Manhas*

Prof. Sanjeev Manhas  
Coordinator, Continuing Education Centre  
IIT Roorkee

Jan-Feb 2022  
(4 week course)

*Priti Maheshwari*

Prof. Priti Maheshwari  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22HS05S44071129

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

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

Name - RAJ LAXMI.

Session - 2018-2022

Roll no - 185024.

Reg. no - 18101103022.

Sem - 6th

Date - 23/09/22

Roll No: NPTEL22HS05S44071200

To  
RAJ LAXMI  
WARD NO.- 02 JAIL ROAD  
JAGDEV NAGAR, MASAUHRI  
MASAUHRI  
BIHAR - 804452  
PH. NO : 8083047037

f. J. Dahi  
Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna

No. of credits recommended by NPTEL: 1

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



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



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**RAJ LAXMI**

for successfully completing the course

**Effective Writing**

with a consolidated score of **51** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 19.17/25 | Proctored Exam | 31.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **3816**

*Sanjeev Manhas*

Prof. Sanjeev Manhas  
Coordinator, Continuing Education Centre  
IIT Roorkee

Jan-Feb 2022  
(4 week course)

*Priti Maheshwari*

Prof. Priti Maheshwari  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22HS05S44071200

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



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

Name - Saurav Kumar  
Roll no - 205014  
Branch - CIVIL  
Reg no - 20101103028  
Session - 2020-2024  
mob no - 6204330980

Roll No: NPTEL22HS05S44071908  
To  
SAURAV KUMAR  
GOVINDPUR FATWAH  
BIHAR - 803201  
PH. NO : 6204330980



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:1

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



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SAURAV KUMAR**

for successfully completing the course

**Effective Writing**

with a consolidated score of **49** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 19.17/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **3816**

*San*

Prof. Sanjeev Manhas  
Coordinator, Continuing Education Centre  
IIT Roorkee

Jan-Feb 2022  
(4 week course)

*Priti Maheshwari*

Prof. Priti Maheshwari  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22HS05S44071908

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





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**AKASH KUMAR**

for successfully completing the course

**Effective Writing**

Reg No-20101103038

Session- 20-24

Sem - 4th (Regular)

Mob - 7319846982

Branch - Civic

with a consolidated score of **51** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 19.17/25 | Proctored Exam | 31.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **3816**

*Em*

**Prof. Sanjeev Manhas**

Coordinator, Continuing Education Centre  
IIT Roorkee

Jan-Feb 2022  
(4 week course)

*Priti Maheshwari*

**Prof. Priti Maheshwari**

NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee

Roll No: NPTEL22HS05S44071732



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

*not verified*  
*verified*  
*Babul*  
*10/01/2023*



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

Regno:- 18101103025  
Name - Abhishek Aakash  
Rollno - 185026  
Branch - CIVIL  
Session - 2018-22  
6209936182

Roll No: NPTEL22HS05S44071020

To  
ABHISHEK AAKASH  
WARD NO. 25, BAHADURPUR  
SAMASTIPUR  
SAMASTIPUR  
BIHAR - 848101  
PH. NO :6209936182



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:1

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



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**ABHISHEK AAKASH**

for successfully completing the course

### Effective Writing

with a consolidated score of **54** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 19.17/25 | Proctored Exam | 34.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **3816**

*Sanjeev*

Prof. Sanjeev Manhas  
Coordinator, Continuing Education Centre  
IIT Roorkee

Jan-Feb 2022  
(4 week course)

*Priti Maheshwari*

Prof. Priti Maheshwari  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22HS05S44071020

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

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

KUMAR SONU

Reg No - 17101103025

Roll No - 175020

Sem - 6th

(Backlog)

Session - 2017-21

Date - 7/09/22

Roll No: NPTEL22HS05S44071956

To  
KUMAR SONU  
S/O: SANAJY KUMAR, AT+POST - NAYAGAON  
ZORAWARPUR, P.S.- PARBATA, DIS-KHAGARIA  
KHAGARIA  
BIHAR - 851215  
PH. NO : 8674882850



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

No. of credits recommended by NPTEL:1

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



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**KUMAR SONU**

for successfully completing the course

**Effective Writing**

with a consolidated score of **54** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 19.17/25 | Proctored Exam | 35.25/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **3816**

*San*

Prof. Sanjeev Manhas  
Coordinator, Continuing Education Centre  
IIT Roorkee

Jan-Feb 2022  
(4 week course)

*Priti Maheshwari*

Prof. Priti Maheshwari  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22HS05S44071956

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



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

Name- Rajlaxmi

Session - 2018-2022

Roll NO - 185024

Reg NO - 18101103022

Sem - 6th

Roll No: NPTEL22HS05S44071200

To  
RAJ LAXMI  
WARD NO.- 02 JAIL ROAD  
JAGDEV NAGAR, MASAUH  
MASAUH  
BIHAR - 804452  
PH. NO :8083047037



| Score     | Type of Certificate   |
|-----------|-----------------------|
| $\geq 90$ | Elite+Gold            |
| 75-89     | Elite+Silver          |
| $\geq 60$ | Elite                 |
| 40-59     | Successfully Complete |
| $< 40$    | No Certificate        |

No. of credits recommended by NPTEL:1

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



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**RAJ LAXMI**

for successfully completing the course

### Effective Writing

with a consolidated score of **51** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 19.17/25 | Proctored Exam | 31.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **3816**

*Sanjeev Manhas*

Prof. Sanjeev Manhas  
Coordinator, Continuing Education Centre  
IIT Roorkee

Jan-Feb 2022  
(4 week course)

*Priti Maheshwari*

Prof. Priti Maheshwari  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22HS05S44071200

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



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

MAUSAM KUMAR

Reg :- 18101103050

Roll :- 185070

Sem :- 6th Sem (Backlog)

Session :- 2018-22

Date :- 02/09/2022

Roll No: NPTEL22HS05S44071997

To  
MAUSAM KUMAR  
BATHAILI  
KATI HAR  
BIHAR - 854105  
PH. NO :9006729539



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:1

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



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**MAUSAM KUMAR**

for successfully completing the course

**Effective Writing**

with a consolidated score of **52** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 19.17/25 | Proctored Exam | 33/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **3816**

Prof. Sanjeev Manhas  
Coordinator, Continuing Education Centre  
IIT Roorkee

Jan-Feb 2022  
(4 week course)

Prof. Priti Maheshwari  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22HS05S44071997

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



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

19101103017

195023

Roll No: NPTEL22HS05S34070170

To  
VIKASH KUMAR  
RUPASPUR  
BIHAR - 801506  
PH. NO :916203121171

Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:1

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



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**VIKASH KUMAR**

for successfully completing the course

**Effective Writing**

with a consolidated score of **68** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 18.33/25 | Proctored Exam | 49.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **3816**

Prof. Sanjeev Manhas  
Coordinator, Continuing Education Centre  
IIT Roorkee

Jan-Feb 2022  
(4 week course)

Prof. Priti Maheshwari  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22HS05S34070170

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



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

Name - Tejashwani Kumari  
Session - 2019-23  
Roll no. - 195050  
Reg No. - 19101103007  
Sem = 6th (regular)

Roll No: NPTEL22HS05S34070418

To  
TEJASHWANI KUMARI  
NEW PURANDARPUR JAKKANPUR OLD THANA GALI  
G.P.O PATNA  
PATNA  
BIHAR - 800001  
PH. NO :7992382612



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

No. of credits recommended by NPTEL:1

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



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**TEJASHWANI KUMARI**

for successfully completing the course

### Effective Writing

with a consolidated score of **49** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 19.17/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: 3816

*Sanjeev*

Prof. Sanjeev Manhas  
Coordinator, Continuing Education Centre  
IIT Roorkee

Jan-Feb 2022  
(4 week course)

*Priti Maheshwari*

Prof. Priti Maheshwari  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22HS05S34070418

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



AX  
Reg No - 18110103014  
This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22HS33S44071182

To  
HIMANSHU KUMAR  
USHA SADAN  
NEAR SYMPHONY APARTMENT, MAHESH NAGAR  
PATNA  
BIHAR - 800023  
PH. NO : 6206214669



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL: 2

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



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**HIMANSHU KUMAR**

for successfully completing the course

Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna

**English Literature for Competitive Exams**

with a consolidated score of **47** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 16.67/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **314**

*Devendra Jaliwal*

**Prof. Devendra Jaliwal**

Chairman

Centre for Continuing Education, IITM

Jan-Mar 2022

(8 week course)

*Prof. Andrew Thangaraj*

**Prof. Andrew Thangaraj**

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22HS33S44071182

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

Ax

Reg No - 19110103008

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

Roll No: NPTEL22HS08S44032658

To  
KANIKA KUMARI  
D-127, P.C.COLONY  
KANKARBAGH  
PATNA  
BIHAR - 800020  
PH. NO :7070773891



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

No. of credits recommended by NPTEL:2

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



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**KANIKA KUMARI**

for successfully completing the course

### Enhancing Soft Skills and Personality

with a consolidated score of **57** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 19.58/25 | Proctored Exam | 37.61/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: 9994

*Principal*

Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna

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

Feb-Apr 2022  
(8 week course)

*Satyaki Roy*

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur

*Kanika kumari*



Roll No: NPTEL22HS08S44032658

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



Roll No: NPTEL22HS08S44033323

To  
AMAN KUMAR  
SUMITRA SADAN, NORTH RAJIV NAGAR  
ROAD NO 23 H, PATNA, BIHAR  
PATNA  
BIHAR - 800024  
PH. NO :9709611278



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

No. of credits recommended by NPTEL:2

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



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**AMAN KUMAR**

for successfully completing the course



**Enhancing Soft Skills and Personality**

with a consolidated score of **75** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 22.63/25 | Proctored Exam | 52.55/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: 9994

*Pathish*

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

**Feb-Apr 2022**  
(8 week course)

*Satyaki Roy*

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



Indian Institute of Technology Kanpur



Roll No: NPTEL22HS08S44033323

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

AM

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

Roll No: NPTEL22HS08S44031166

To  
RAHUL KUMAR  
BISHANPUR BAHOR  
BISHANPUR  
BEGUSARAI  
BIHAR - 851129  
PH. NO :8709993106

Name - Rahul Kumar  
Roll no. - 194001  
Reg. no. - 19110103014  
Semester - 3rd



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

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



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**RAHUL KUMAR**

for successfully completing the course

## Enhancing Soft Skills and Personality

with a consolidated score of **62** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 23.42/25 | Proctored Exam | 38.14/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: 9994

*B. V. Ratish*

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

Feb-Apr 2022  
(8 week course)

*Satyaki Roy*

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur





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

NITISH KUMAR

ROLL NO — 185032

Reg no. — 18101103017

SEM — 6th Backlog

DATE — 01/09/2022

Roll No: NPTEL22HS08S44033100

To

NITISH KUMAR  
CHAKJAN, SARASAT, NAUBATPUR, PATNA, 801109  
SK PURAM, RPS MORE, DANAPUR, PATNA, 801503  
PATNA  
BIHAR - 801503  
PH. NO : 6206786133

f. J Dolei

Principal

Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna



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

No. of credits recommended by NPTEL:2

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



Elite

**NPTEL Online Certification**

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**NITISH KUMAR**

for successfully completing the course

**Enhancing Soft Skills and Personality**

with a consolidated score of **64** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 22.83/25 | Proctored Exam | 41.06/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **9994**

*Ratish*

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

Feb-Apr 2022  
(8 week course)

*Satyaki*

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL22HS08S44033100

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

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

Aman Kumar  
Reg - 18101103027  
Roll - 185036  
Session - 2018-22  
Sem - 6th Sem (bawdog)  
Date - 23/09/22

Roll No: NPTEL22HS08S44030731

To  
AMAN KUMAR  
MITRA MANDAL COLONY PHASE-2 BEUR  
MITRA MANDAL COLONY PHASE-2 BEUR  
PATNA  
BIHAR - 800002  
PH. NO :8083265681

f. J. Dake  
Principal  
Netaji Subhas Institute of Technology  
Amhara Bihara Patna



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

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



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**AMAN KUMAR**

for successfully completing the course

## Enhancing Soft Skills and Personality

with a consolidated score of **69** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 23.54/25 | Proctored Exam | 45.22/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **9994**

Prof. B. V. Ratish Kumar

Chairman, Centre for Continuing Education  
IIT Kanpur

Feb-Apr 2022

(8 week course)

Prof. Satyaki Roy

NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL22HS08S44030731

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



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

Name - BALMUKUND KUMAR

Reg-No - 18101103047

Roll-No - 185073

Sem - 6th (Backlog)

date - 23-9-22

Session - 2018-2022

Roll No: NPTEL22HS08S44032416

To  
BALMUKUND KUMAR  
PATNA RAJIVE NAGER  
ROAD NUMBER 9/C HOUSE NUMBER 2  
PATNA  
BIHAR - 800024  
PH. NO :7004617129

*f. J. Dalei*  
Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

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



Elite

## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**BALMUKUND KUMAR**

for successfully completing the course

### Enhancing Soft Skills and Personality

with a consolidated score of **60** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 22.96/25 | Proctored Exam | 37.36/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: 9994

*Pattish*

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

Feb-Apr 2022  
(8 week course)

*Satyaki Roy*

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL22HS08S44032416

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



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

Roll No: NPTEL22HS08S34030208

To  
SACHCHIDANAND  
FLAT NO.3C PARMESHWAR ENCLAVE APPT  
DAMARIYA ROAD NO.10 GARDANIBAGH PATNA  
PATNA  
BIHAR - 800002  
PH. NO :7766901148



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

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



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SACHCHIDANAND**

for successfully completing the course

## Enhancing Soft Skills and Personality

with a consolidated score of **72** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 23.21/25 | Proctored Exam | 48.75/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: 9994

*Ratish*

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

Feb-Apr 2022  
(8 week course)

*Satyaki*

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL22HS08S34030208

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



Principal  
Netaji Subhas Institute of Technology

Amhara, Bihta, Patna

No. of credits recommended by NPTEL: 2

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



|       |                        |
|-------|------------------------|
| >=60  | Elite                  |
| 40-59 | Successfully Completed |
| <40   | No Certificate         |



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



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

## Enhancing Soft Skills and Personality

with a consolidated score of **63** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 22.96/25 | Proctored Exam | 39.61/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **9994**

*Ratish*

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

**Feb-Apr 2022**  
**(8 week course)**

*Satyaki*

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



Indian Institute of Technology Kanpur



Roll No: NPTEL22HS08S34033264

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

Roll No: 191015

Reg No: 19105103028

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

Roll No: NPTEL22HS08S44030746

To  
 AMAN KUMAR  
 JAMUNIPUR, MANER CHURCH  
 MANER  
 BIHAR - 801108  
 PH. NO :6201354498

*J. Daler*  
 Principal  
 Netaji Subhas Institute of Technology  
 Amhara, Bihta, Patna



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

No. of credits recommended by NPTEL:2

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



Elite

## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

AMAN KUMAR

for successfully completing the course



## Enhancing Soft Skills and Personality

with a consolidated score of 75 %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 20.54/25 | Proctored Exam | 54.74/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: 9994

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

Feb-Apr 2022  
 (8 week course)

Prof. Satyaki Roy  
 NPTEL Coordinator  
 IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL22HS08S44030746

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



REGISTRATION NO:- 19105103002 Roll no:- 191019

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

Roll No: NPTEL22HS08S34030087

To  
MADHAVENDRA JHA  
NEAR PASHUPALAN KENDRA, BALBHADARPUR  
LAHERIASARAI, DARBHANGA, BIHAR-846001  
DARBHANGA  
BIHAR - 846001  
PH. NO :918809862524

f. J. Dalei  
Principal

Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

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



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**MADHAVENDRA JHA**

for successfully completing the course

### Enhancing Soft Skills and Personality

with a consolidated score of **53** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 22.83/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: 9994

*B. V. Ratish Kumar*

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

Feb-Apr 2022  
(8 week course)

*Satyaki Roy*

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



19104103011

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

Roll No: NPTEL22HS08S44032682

To  
MD FAISAL IQBAL  
105-MAKKAH TOWER  
SAMANPURA, RAJABAZAR  
PATNA  
BIHAR - 800014  
PH. NO :8368611015

*f. J Dalei*  
Principal

Netaji Subhas Institute of Technology

Ambara, Rihata, Patna

No. of credits recommended by NPTEL: 2

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



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



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

**MD FAISAL IQBAL**

for successfully completing the course



### Enhancing Soft Skills and Personality

with a consolidated score of **85** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 24.04/25 | Proctored Exam | 60.69/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: 9994

*B. V. Ratish*

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

Feb-Apr 2022  
(8 week course)

*Satyaki Roy*

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL22HS08S44032682

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



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

19104103008

Roll No: NPTEL22HS08S34031426

To  
PRINCE KUMAR  
NEW KARBIGHATTA  
BUS STAND ROAD  
PATNA  
BIHAR - 800001  
PH. NO : 7755202401

S. J Dole

Principal

Netaji Subhas Institute of Technology

Amhara, Bihta, Patna

No. of credits recommended by NPTEL-2

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



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**PRINCE KUMAR**

for successfully completing the course

### Enhancing Soft Skills and Personality

with a consolidated score of **58** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 23.13/25 | Proctored Exam | 35.34/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: 9994

*Pathak*

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

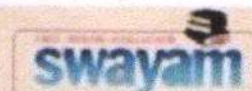
Feb-Apr 2022  
(8 week course)

*Satyaki Roy*

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No. NPTEL22HS08S34031426

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

19104103004

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

Roll No: NPTEL22HS08S44033087

To  
NISHANT KUMAR SINGH  
DHOLISAKRA, MUZAFFARPUR, PATNA  
VIKRAM ROAD  
MUZAFFARPUR  
BIHAR - 843121  
PH. NO : 7903433350

*S. J. Dalei*

Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna

No. of credits recommended by NPTEL: 2

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



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



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

**NISHANT KUMAR SINGH**

for successfully completing the course

**Enhancing Soft Skills and Personality**

with a consolidated score of **76** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 23.92/25 | Proctored Exam | 51.92/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: 9994

*Ratish*

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

Feb-Apr 2022  
(8 week course)

*Satyaki*

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL22HS08S44033087

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



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

19104103003

Roll No: NPTEL22HS08S44032435

To  
BHASKAR KUMAR  
DHANESHWARI NAGAR, SAGUNA MORE,  
DANAPUR, PATNA-801503  
PATNA  
BIHAR - 801503  
PH. NO :9060727488

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

f. J. Dalei  
Principal

Netaji Subhas Institute of Technology

Amhara, Bihta, Patna

No. of credits recommended by NPTEL:2

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



Elite



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

**BHASKAR KUMAR**

for successfully completing the course



## Enhancing Soft Skills and Personality

with a consolidated score of **87** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 23.79/25 | Proctored Exam | 63.02/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: 9994

Pathish

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

Feb-Apr 2022  
(8 week course)

Satyaki

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL22HS08S44032435

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

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

Ritesh Ranjan  
Reg - 18101103005  
Roll :- 185009  
Sem :- 6<sup>th</sup> sem (Backlog)  
Session :- 2018-2022  
Date :- 02/09/2022

Roll No: NPTEL22HS08S34030338

To  
RITESH RANJAN  
SASARAM, VILL- AKASHI, PO- MOKAR  
PS- AGRER, DIST- ROHTAS  
BIHAR - 821113  
PH. NO :8540968551



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

No. of credits recommended by NPTEL:2

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



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

**RITESH RANJAN**

for successfully completing the course

**Enhancing Soft Skills and Personality**

with a consolidated score of **84** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 23.29/25 | Proctored Exam | 60.86/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **9994**

*Pathish*

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

**Feb-Apr 2022**  
**(8 week course)**

*Satyaki Roy*

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



Indian Institute of Technology Kanpur



Roll No: NPTEL22HS08S34030338

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



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

Roll No: NPTEL22HS08S44032416

To  
BALMUKUND KUMAR  
PATNA RAJIVE NAGER  
ROAD NUMBER 9/C HOUSE NUMBER 2  
PATNA  
BIHAR - 800024  
PH. NO :7004617129



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

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



## Elite NPTEL Online Certification

(Funded by the MoE, Govt. of India)



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

### Enhancing Soft Skills and Personality

with a consolidated score of **60** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 22.96/25 | Proctored Exam | 37.36/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: 9994

*Pathish*

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

Feb-Apr 2022  
(8 week course)

*Satyaki*

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No NPTEL22HS08S44032416

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



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

Raj Aryan

Reg No:- 18101103052

Roll No:- 185074

Sem:- 6th sem (Backlog) NPTEL

Session:- 2018-22

Date:- 2/09/2022

Roll No: NPTEL22HS08S34030083

To  
RAJ ARYAN  
MIR GULABI KI BAGH, SADAR GALI, KHAJEKALAN  
BIHAR - 800008  
PH. NO : 7667246612



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

No. of credits recommended by NPTEL: 2

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



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**RAJ ARYAN**

for successfully completing the course

## Enhancing Soft Skills and Personality

with a consolidated score of **75** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 23.42/25 | Proctored Exam | 51.95/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **9994**

*Ratish*

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

Feb-Apr 2022  
(8 week course)

*Satyaki*

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL22HS08S34030083

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



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

Name - Aman Kumar

Reg - 18101103027

Date → 2/09/22

Sem - 6th Sem (Backlog) NPTEL

Roll - 185036

Session - 2018-22

Roll No: NPTEL22HS08S44030731

To  
AMAN KUMAR  
MITRA MANDAL COLONY PHASE-2 BEUR  
MITRA MANDAL COLONY PHASE-2 BEUR  
PATNA  
BIHAR - 800002  
PH. NO : 8083265681



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

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



Elite

## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**AMAN KUMAR**

for successfully completing the course

### Enhancing Soft Skills and Personality

with a consolidated score of **69** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 23.54/25 | Proctored Exam | 45.22/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: 9994

*Ratish*

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

Feb-Apr 2022  
(8 week course)

*Satyaki Roy*

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No NPTEL22HS08S44030731

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

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

Vishnu Anand  
Reg:- 18101103031  
Roll no:- 185046

6<sup>th</sup> (Regular)

Session - 2018-2022

Date - 08.09.2022

Roll No: NPTEL22HS08S34030637

To  
VISHNU ANAND  
KIRANPUR LAKHISARAI BIHAR  
KIRANPUR LAKHISARAI BIHAR 811106  
LAKHISARAI  
BIHAR - 811106  
PH. NO :9546474660



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

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



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**VISHNU ANAND**

for successfully completing the course

## Enhancing Soft Skills and Personality

with a consolidated score of **65** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 23.04/25 | Proctored Exam | 41.55/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **9994**

*Ratish*

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

Feb-Apr 2022  
(8 week course)

*Satyaki*

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL22HS08S34030637

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



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

Roll No: NPTEL22HS18S24032078

To  
SRI HARSH KUMAR  
S/O RAVI SHANKAR  
AMHARA, BIHTA  
PATNA  
BIHAR - 801118  
PH. NO :8084517742



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

No. of credits recommended by NPTEL:2

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



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**SRI HARSH KUMAR**  
for successfully completing the course

**Human Behaviour**

with a consolidated score of **50** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 19.58/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **1443**

Feb-Apr 2022  
(8 week course)

*Hemant B Kaushik*

Prof. Hemant B Kaushik  
Head, Center for Educational Technology  
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL22HS18S24032078

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

Sri Harsh Kumar  
18/10/2023



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

Roll No: NPTEL22HS18S24032078

To  
SRI HARSH KUMAR  
S/O RAVI SHANKAR  
AMHARA, BIHTA  
PATNA  
BIHAR - 801118  
PH. NO : 8084517742



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL: 2

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



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SRI HARSH KUMAR**

for successfully completing the course

**Human Behaviour**

with a consolidated score of **50** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 19.58/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **1443**

Feb-Apr 2022  
(8 week course)

*Hemant B Kaushik*

Prof. Hemant B Kaushik  
Head, Center for Educational Technology  
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati





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

SUSHAMA KUMARI

Reg - 19101103026

ROLL NO - 185185

Sem - 6<sup>th</sup> sem  
(Back log)

Sess - 2018-22

Date - 03/09/2022

Roll No: NPTEL22HS18S14030583

To  
SUSHAMA KUMARI  
VILLAGE CHAUSA  
DIST BUXAR  
BUXAR  
BIHAR - 802114  
PH. NO : 8210951596

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



No. of credits recommended by NPTEL:2

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



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**SUSHAMA KUMARI**  
for successfully completing the course

**Human Behaviour**

with a consolidated score of **56** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 19.79/25 | Proctored Exam | 36/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **1443**

Feb-Apr 2022  
(8 week course)

*Hemant B Kaushik*  
Prof. Hemant B Kaushik  
Head, Center for Educational Technology  
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL22HS18S14030583

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

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

19101103015 (Registration no).

195007 (Roll no).

Roll No: NPTEL22HS18S24032722

To  
ANKIT RAJ  
DAUDPUR, DANAPUR PATNA  
ANADPURI NEAR BORING ROAD, PATNA  
PATNA  
BIHAR - 801502  
PH. NO :9199826321

*S. J. Dahi*  
Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna



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

No. of credits recommended by NPTEL:2

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



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**ANKIT RAJ**

for successfully completing the course

**Human Behaviour**

with a consolidated score of **51** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 18.33/25 | Proctored Exam | 33/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **1443**

Feb-Apr 2022  
(8 week course)

*H Kaushik*

Prof. Hemant B Kaushik  
Head, Center for Educational Technology  
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL22HS18S24032722

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



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

SUSHAMA KUMARI

Sess<sup>n</sup> - 2018-22

Reg. NO - 19101103026

ROLL NO - 185185

Sem - 6th (Backlog)

Roll No: NPTEL22HS18S14030583

To  
SUSHAMA KUMARI  
VILLAGE CHAUSA  
DIST BUXAR  
BUXAR  
BIHAR - 802114  
PH. NO : 8210951596

f. J Dalei

Principal  
Netaji Subhas Institute of Technology  
Amhera, Bihta, Patna



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

No. of credits recommended by NPTEL:2

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



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**SUSHAMA KUMARI**  
for successfully completing the course

### Human Behaviour

with a consolidated score of **56** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 19.79/25 | Proctored Exam | 36/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **1443**

Feb-Apr 2022  
(8 week course)

*Kaushik*

Prof. Hemant B Kaushik  
Head, Center for Educational Technology  
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL22HS18S14030583

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





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**MD AQUIL HAIDER**

for successfully completing the course

## Human Resource Development

with a consolidated score of **55** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 24.78/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **1835**

Jul-Oct 2022

(12 week course)

**Prof. Debjani Chakraborty**

Coordinator, NPTEL

IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22HS113S43031441

To validate the certificate



No. of credits recommended: 3 or 4



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

Reg- 19101103022  
Roll No - 195029

Roll No: NPTEL22CE42S44072023

To  
GAURAV KUMAR  
BARKI BALIYARI  
BIHAR - 801104  
PH. NO :6200812563

*f. J Dalei*  
Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

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



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**GAURAV KUMAR**

for successfully completing the course

## Introduction to Civil Engineering Profession

with a consolidated score of **50** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 19.58/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **777**

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman

Centre for Continuing Education, IITM

Jan-Mar 2022

(8 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22CE42S44072023

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

Name — Vasant Kumar  
Session — 2018-22  
Roll. No. — 185078  
Reg. No. — 18101103079  
Sem — 6<sup>th</sup> (regular)

Roll No: NPTEL22CE42S44071326

To  
VASANT KUMAR  
SURYA MAHALAXMI APARTMENT, EAST BORING  
CANAL ROAD, PATNA  
PATNA  
BIHAR - 800001  
PH. NO : 8789352862

f. J Dalei  
Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna



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

No. of credits recommended by NPTEL:2

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



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**VASANT KUMAR**

for successfully completing the course

### Introduction to Civil Engineering Profession

with a consolidated score of **54** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 24.17/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: 777

Devendra Jalihal

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Jan-Mar 2022  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22CE42S44071326

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



Roll → 191042 CSE 6  
Reg → 19105108049 Exam 2022

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

Roll No: NPTEL22CS57S24031695

To  
ADITYA KUMAR SINHA  
MAKHDUMPUR, GATE NO 90,  
DIGHA GHAT  
PATNA  
BIHAR - 800011  
PH. NO :9576828504

f. J Dalei  
Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna



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

No. of credits recommended by NPTEL:3

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



Elite

## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**ADITYA KUMAR SINHA**  
for successfully completing the course

### Introduction to Database Systems

with a consolidated score of **60** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 23.13/25 | Proctored Exam | 36.75/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **260**

Devendra Jaliha

Prof. Devendra Jaliha  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2022  
(12 week course)

Prof. Andrew Thangaraj  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22CS57S24031695

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

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

Roll No - 191054

Reg. No - 19105103047

Roll No: NPTEL22CS57S24032382

To

MANISHA JAISHWAL  
SHANTI NAGAR, KHAGRI ROAD, TAKIYAPAR,  
DANAPUR, PATNA, BIHAR - 800012  
PATNA  
BIHAR - 800012  
PH. NO : 7903412729

| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

f. J. Dalei  
Principal

Netaji Subhas Institute of Technology

Amhara, Bihta, Patna



No. of credits recommended by NPTEL: 3

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



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**MANISHA JAISHWAL**

for successfully completing the course



## Introduction to Database Systems

with a consolidated score of **75** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 22.44/25 | Proctored Exam | 52.37/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: 260

Devendra Jalihal

Prof. Devendra Jalihal  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2022

(12 week course)

Prof. Andrew Thangaraj

NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22CS57S24032382

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



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

ROLL No:- 191057

Reg No:- 19105103017

Roll No: NPTEL22CS57S24400562

To  
SUMIT KUMAR  
WEST LOHANIPUR  
KADAM KUAN  
PATNA  
BIHAR - 800003  
PH. NO :7766866909

*S. J. Dolei*  
Principal

Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna



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

No. of credits recommended by NPTEL:3

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



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



SUMIT KUMAR  
05.07.2021

This certificate is awarded to

**SUMIT KUMAR**

for successfully completing the course

### Introduction to Database Systems

with a consolidated score of **52** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 19.88/25 | Proctored Exam | 31.63/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: 260

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2022  
(12 week course)

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



Indian Institute of Technology Madras



Roll No: NPTEL22CS57S24400562

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

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

Roll No: NPTEL22HS21S34033201

To  
ROHIT SHARMA  
A/11 PITAMBRA MANDIR COLONY GULZARBAGH  
GAIGHAT  
PATNA  
BIHAR - 800007  
PH. NO :6206806247



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:3

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



TOPPER

Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**ROHIT SHARMA**

for successfully completing the course

Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna

## Introduction to Environmental Economics

with a consolidated score of **68** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 21.56/25 | Proctored Exam | 46.13/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: 93

*Sanjeev Manhas*

Prof. Sanjeev Manhas  
Coordinator, Continuing Education Centre  
IIT Roorkee

Jan-Apr 2022  
(12 week course)

*Rohit Sharma*  
19/05/22

*Priti Maheshwari*

Prof. Priti Maheshwari  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22HS21S34033201

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



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

Roll No: NPTEL22HS21S34030040

To  
MD ARSHAD AYUB  
KAKAN DIHRA, MANIACH. BHOJPUR BIHAR.  
MILKI ANAITH, BHOJPUR, BIHAR.  
AARAH  
BIHAR - 802206  
PH. NO :7542016003



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:3

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



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**MD ARSHAD AYUB**

for successfully completing the course

## Introduction to Environmental Economics

with a consolidated score of **50** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 20.35/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: 93

Prof. Sanjeev Manhas  
Coordinator, Continuing Education Centre  
IIT Roorkee

Jan-Apr 2022  
(12 week course)

Prof. Priti Maheshwari  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22HS21S34030040

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



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**ZASEEM AKHTAR ANSARI**

for successfully completing the course

## Knowledge Management

with a consolidated score of **65** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 24.13/25 | Proctored Exam | 41.25/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **372**

Jul-Sep 2022

(8 week course)

S. J. Dalei

Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna

**Prof. Debjani Chakraborty**

Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22MG99S14380132

To validate the certificate



No. of credits recommended: 2 or 3





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**RAHUL KUMAR**

for successfully completing the course

## Knowledge Management

with a consolidated score of **51** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 21.04/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **372**

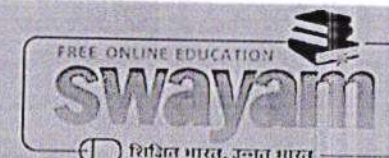
Jul-Sep 2022

(8 week course)

**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22MG99S23172732

To validate the certificate



No. of credits recommended: 2 or 3

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

Roll No: NPTEL22HS01S14030736

To  
BULBUL  
NEAR SONEPUR RAILWAY STATION  
BEHIND POST OFFICE  
SONEPUR  
BIHAR - 841101  
PH. NO : 9798767698



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

No. of credits recommended by NPTEL:3

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



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**BULBUL**

for successfully completing the course

Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna

**Literature and Life**

with a consolidated score of **49** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 19.28/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **88**

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2022  
(12 week course)

*Prof. Andrew Thangaraj*  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22HS01S14030736

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



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

Attested  
R.P.

Roll No: NPTEL22HS01S14030108

To  
RAUNAK MISHRA  
OLD TAPAN KUTIR,  
LOWER MAWPREM ROAD  
SHILLONG  
MEGHALAYA - 793002  
PH. NO :8651240113



| Score     | Type of Certificate   |
|-----------|-----------------------|
| $\geq 90$ | Elite+Gold            |
| 75-89     | Elite+Silver          |
| $\geq 60$ | Elite                 |
| 40-59     | Successfully Complete |
| $< 40$    | No Certificate        |

No. of credits recommended by NPTEL:3

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



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**RAUNAK MISHRA**  
for successfully completing the course

### Literature and Life

with a consolidated score of **58** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 22.38/25 | Proctored Exam | 35.25/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: 88

Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna

Devendra Jalihal

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Jan-Apr 2022  
(12 week course)

Prof. Andrew Thangaraj  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22HS01S14030108

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



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

Roll No: NPTEL22EE09S14030086

To  
LAKSHMI MINJ  
LANE NO 3, GOLA ROAD, DANAPUR  
BIHAR - 801503  
PH. NO :8789369663



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

No. of credits recommended by NPTEL:3

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



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**LAKSHMI MINJ**

for successfully completing the course

## Microprocessors and Interfacing

with a consolidated score of **62** %

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

Total number of candidates certified in this course: **340**

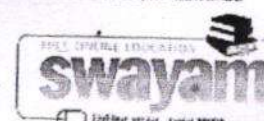
Jan-Apr 2022  
(12 week course)

*Hemant B Kaushik*

**Prof. Hemant B Kaushik**  
Head, Center for Educational Technology  
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati





AX  
Reg No - 20110103901  
This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22EE12S24033087

To  
LAKSHMI MINJ  
LANE NO 3, GOLA ROAD, DANAPUR  
BIHAR - 801503  
PH. NO :8789369663



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:3

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



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**LAKSHMI MINJ**

for successfully completing the course

### Microprocessors and Microcontrollers

Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna

with a consolidated score of **49** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 18.53/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: 737

Prof. Jayanta Mukhopadhyay  
Dean Outreach  
IIT Kharagpur

Jan-Apr 2022  
(12 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur

Lakshmi minj



Roll No: NPTEL22EE12S24033087

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



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**MD ARSHAD AYUB**  
for successfully completing the course

Reg :- 18102103005

Sem :- 4th

Roll :- 183007

Session :- 2018-22

## Physics of Renewable Energy Systems

Branch :- Mechanical

Mob :- 7542016003

with a consolidated score of **52** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 21.72/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **832**

Jul-Oct 2022

(12 week course)

**Prof. Debjani Chakraborty**

Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



शिक्षित भारत, उन्नत भारत







Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**NITISH KUMAR PANDEY**

for successfully completing the course

Reg No:- 20101103036

Sem:- 4<sup>th</sup> (Regular)

Roll No:- 205038

Branch:- CIVIL

Session:- 2020-24

Mobile:- 9631700538

## Plastic Waste Management

with a consolidated score of **60** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 23.04/25 | Proctored Exam | 36.47/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **3166**

Aug-Oct 2022

(8 week course)

**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CE72S33030948

To validate the certificate



No. of credits recommended: 2 or 3





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**NITISH KUMAR PANDEY**  
for successfully completing the course

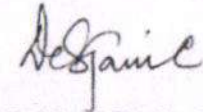
## Plastic Waste Management

with a consolidated score of **60** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 23.04/25 | Proctored Exam | 36.47/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **3166**

Aug-Oct 2022  
(8 week course)

  
**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CE72S33030948

To validate the certificate



No. of credits recommended: 2 or 3

*verified  
Babul*

20/10/2026



Ax

Reg. No - 18110103008

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

Roll No: NPTEL22EE17S44032502

To  
SUDHANSHU SHEKHAR  
BANJARI, KALYANPUR, ROHTAS, BIHAR  
PRAYAG BIGHA, GANGAULI, ROHTAS, BIHAR,  
ROHTAS  
BIHAR - 821303  
PH. NO :9625147853



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

No. of credits recommended by NPTEL:3

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



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SUDHANSHU SHEKHAR**

for successfully completing the course

## Power System Engineering

with a consolidated score of **71** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 21.22/25 | Proctored Exam | 49.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **191**

Prof. Jayanta Mukhopadhyay  
Dean Outreach  
IIT Kharagpur

Jan-Apr 2022  
(12 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22EE17S44032502

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

*Sudhanshu Shekhar*

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

Roll No: NPTEL22CS47S34031525

To  
RAJ KUMAR SINGH  
VILL. POST-JAIPUR, PS-MALI  
AURANGABAD, BIHAR  
AURANGABAD  
BIHAR - 824102  
PH. NO : 7632813586



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:3

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

Elite



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



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

**Programming In Java**

with a consolidated score of **71** %

|                    |          |                  |       |                |          |
|--------------------|----------|------------------|-------|----------------|----------|
| Online Assignments | 24.28/25 | Programming Exam | 25/25 | Proctored Exam | 21.34/50 |
|--------------------|----------|------------------|-------|----------------|----------|

Total number of candidates certified in this course: **4814**

Prof. Jayanta Mukhopadhyay  
Dean Outreach  
IIT Kharagpur

Jan-Apr 2022  
(12 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS47S34031525

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



CSE 6  
Exam 2022

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

Roll No - 191056

Reg No - 19105103046

Roll No: NPTEL22CS47S44032868

To  
SHIVANI KUMARI  
RPS MORE  
BASANT VIHAR COLONY, DANAPUR PATNA  
PATNA  
BIHAR - 801503  
PH. NO : 9294994883

*F. J. Dale*  
Principal

Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna

No. of credits recommended by NPTEL: 3

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



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

Elite



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**SHIVANI KUMARI**  
for successfully completing the course

**Programming In Java**

with a consolidated score of **75** %

|                    |       |                  |       |                |         |
|--------------------|-------|------------------|-------|----------------|---------|
| Online Assignments | 25/25 | Programming Exam | 25/25 | Proctored Exam | 24.5/50 |
|--------------------|-------|------------------|-------|----------------|---------|

Total number of candidates certified in this course: 4814

*J*

Prof. Jayanta Mukhopadhyay  
Dean Outreach  
IIT Kharagpur

Jan-Apr 2022  
(12 week course)

*Debjani*

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS47S44032868

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

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

Reg No. 19105103035

Roll No: NPTEL22CS47S44032590

To  
FILZA ZARIN  
61-C, MAHATWANA, PHULWARI SHARIF, PATNA  
BIHAR - 801505  
PH. NO : 9123446306

f. J Dalei  
Principal

Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL: 3

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



Elite

## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**FILZA ZARIN**

for successfully completing the course

**Programming In Java**

with a consolidated score of **81** %

|                    |          |                  |       |                |          |
|--------------------|----------|------------------|-------|----------------|----------|
| Online Assignments | 24.91/25 | Programming Exam | 25/25 | Proctored Exam | 30.75/50 |
|--------------------|----------|------------------|-------|----------------|----------|

Total number of candidates certified in this course: **4814**

J

Prof. Jayanta Mukhopadhyay  
Dean Outreach  
IIT Kharagpur

Jan-Apr 2022  
(12 week course)

Debjani

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS47S44032590

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



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

Roll → 191044

Reg → 19105103033

Roll No: NPTEL22CS47S44032586

To  
FARAZ ALI AHMAD  
MR COLONY, PHULWARI SHARIF  
BIHAR - 801505  
PH. NO :9661918210

*f. J Dalei*  
Principal

Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna



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

No. of credits recommended by NPTEL:3

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



# Elite NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**FARAZ ALI AHMAD**  
for successfully completing the course  
**Programming In Java**

with a consolidated score of **88** %

|                    |          |                  |       |                |          |
|--------------------|----------|------------------|-------|----------------|----------|
| Online Assignments | 24.81/25 | Programming Exam | 25/25 | Proctored Exam | 38.17/50 |
|--------------------|----------|------------------|-------|----------------|----------|

Total number of candidates certified in this course: **4814**

*J*

Prof. Jayanta Mukhopadhyay  
Dean Outreach  
IIT Kharagpur

Jan-Apr 2022  
(12 week course)

*Debjani*

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS47S44032586

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

CSE C  
Exam 2022

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

191002

19105103024

Roll No: NPTEL22CS43S24032432

To  
ATIF  
VILL-MAKBULPUR RAJA, P.O-FAKHARPUR  
BIHAR - 804401  
PH. NO :7461806888

f. J Dalei  
Principal

Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna

No. of credits recommended by NPTEL:3

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



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



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)

Elite



This certificate is awarded to

**ATIF**

for successfully completing the course

**Programming in Modern C++**

with a consolidated score of **69** %

|                    |          |                  |         |                |          |
|--------------------|----------|------------------|---------|----------------|----------|
| Online Assignments | 22.94/25 | Programming Exam | 21.5/25 | Proctored Exam | 24.38/50 |
|--------------------|----------|------------------|---------|----------------|----------|

Total number of candidates certified in this course: **262**

Prof. Jayanta Mukhopadhyay  
Dean Outreach  
IIT Kharagpur

Jan-Apr 2022  
(12 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS43S24032432

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



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

Roll No: NPTEL22HS07S44071433

To  
APARNA CHAUDHARY  
SHEKHPUR, AKHARAGHAT, MUZZAFARPUR  
MUZZAFARPUR, BIHAR  
MUZZAFARPUR  
NEAR GAYATRI MANDIR - 842001  
PH. NO : 6205945059



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

No. of credits recommended by NPTEL: 2

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

Elite



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**APARNA CHAUDHARY**

for successfully completing the course

**Soft Skill Development**

with a consolidated score of **62** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 22.25/25 | Proctored Exam | 39.75/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **8130**

Prof. Jayanta Mukhopadhyay  
Dean Outreach  
IIT Kharagpur

Jan-Mar 2022  
(8 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22HS07S44071433

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



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

Roll No: NPTEL22HS07S44071499

To  
HIMANSHU KUMAR  
BHABUA BIHAR  
BHABHUA KAIMUR NEAR POSTOFFICE  
BHABUA  
BIHAR - 821101  
PH. NO :7543803725



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

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



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



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

## Soft Skill Development

with a consolidated score of **58** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 22.79/25 | Proctored Exam | 35.25/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: 8130

Prof. Jayanta Mukhopadhyay  
Dean Outreach  
IIT Kharagpur

Jan-Mar 2022  
(8 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22HS07S44071499

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



AT  
Reg No - 19110103007  
This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22HS07S34070279

To  
MD TAUSIF MALLICK  
C/O ZAFARUL HODA, LADY IMAM COMPOUND  
PATTHAR KI MASJID, P.O MAHENDRU, PATNA  
PATNA  
BIHAR - 800006  
PH. NO : 7970629401



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL: 2

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



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**MD TAUSIF MALLICK**

for successfully completing the course

**Soft Skill Development**

with a consolidated score of **56** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 23.08/25 | Proctored Exam | 33/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **8130**

*J*

Prof. Jayanta Mukhopadhyay  
Dean Outreach  
IIT Kharagpur

Jan-Mar 2022  
(8 week course)

*Debjani*

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur

*MD Tausif Mallik*  
*12-05-2022*



Roll No: NPTEL22HS07S34070279

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



Reg No - 1911010 3006

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

Roll No: NPTEL22HS07S44071394

To  
KUMARI AKANKSHA  
RIGA SUGAR MILL COLONY, SITAMARHI  
BIHAR - 843302  
PH. NO :919507341004



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

No. of credits recommended by NPTEL:2

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



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



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

**Soft Skill Development**

with a consolidated score of **55** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 21.67/25 | Proctored Exam | 33/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: 8130

*J*

Prof. Jayanta Mukhopadhyay  
Dean Outreach  
IIT Kharagpur

Jan-Mar 2022  
(8 week course)

*Debjani*

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur

*Kumari Akanksha*



Roll No: NPTEL22HS07S44071394

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



Reg No - 19110103004

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

Roll No: NPTEL22HS07S34070782

To  
SHIVAM KUMAR  
VILL-CHHITROULI, BIHTA, PATNA  
PO.- KAMLA GOPALPUR  
PATNA  
BIHAR - 801111  
PH. NO :8521046116



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

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



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SHIVAM KUMAR**

for successfully completing the course

Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna

**Soft Skill Development**

with a consolidated score of **58** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 22.54/25 | Proctored Exam | 35.25/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **8130**

Prof. Jayanta Mukhopadhyay  
Dean Outreach  
IIT Kharagpur

Jan-Mar 2022  
(8 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22HS07S34070782

To validate and check scores: <https://nptel.org/verify>



Reg No - 19110103002

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

Roll No: NPTEL22HS07S34070267

To  
SURYANSH VERMA  
DARIYAPUR FAKIRWARA  
BEHIND SITA RAM MANDIR PATNA-4  
PATNA  
BIHAR - 800004  
PH. NO :6205318281



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

No. of credits recommended by NPTEL:2

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



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SURYANSH VERMA**

for successfully completing the course

**Soft Skill Development**

Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna

with a consolidated score of **53** %

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

Total number of candidates certified in this course: 8130

Prof. Jayanta Mukhopadhyay  
Dean Outreach  
IIT Kharagpur

Jan-Mar 2022  
(8 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur

Suryansh Verma  
12/05/2022



Roll No: NPTEL22HS07S34070267

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



Reg No - 18110103024

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

Roll No: NPTEL22HS07S34070506

To  
NITISH KUMAR  
NARAYANPUR, MADHOPUR  
MANER  
BIHTA  
BIHAR - 801108  
PH. NO : 9334290590



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

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



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**NITISH KUMAR**

for successfully completing the course

Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna

**Soft Skill Development**

with a consolidated score of **54** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 21.67/25 | Proctored Exam | 32.25/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: 8130

Prof. Jayanta Mukhopadhyay  
Dean Outreach  
IIT Kharagpur

Jan-Mar 2022  
(8 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22HS07S34070506

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

Nitish Kumar





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**JYOTI KUMARI**

for successfully completing the course

**Soft Skill Development**

with a consolidated score of **52** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 22.25/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **8130**

**Prof. Jayanta Mukhopadhyay**

Dean Outreach  
IIT Kharagpur

Jan-Mar 2022  
(8 week course)

**Prof. Debjani Chakraborty**

Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur





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

Roll No: NPTEL22HS07S34072234

To  
SRIJAN SOURAV  
RAMDAYLU NAGAR MUZAFFARPUR  
A7  
MUZAFFARPUR  
BIHAR - 842002  
PH. NO :7070892791



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

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



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SRIJAN SOURAV**

for successfully completing the course

Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna

**Soft Skill Development**

with a consolidated score of **53** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 22.54/25 | Proctored Exam | 30.75/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: 8130

Prof. Jayanta Mukhopadhyay  
Dean Outreach  
IIT Kharagpur

Jan-Mar 2022  
(8 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22HS07S34072234

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

Roll No: NPTEL22HS07S44440560

To  
HARS RAJ RANJAN  
FLAT NO. 405 GLOBAL APARTMENT PHASE-2  
CHIPURA KHURD, PATNA-804453  
PATNA  
BIHAR - 804453  
PH. NO :7488312441



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

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



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**HARS RAJ RANJAN**

for successfully completing the course

Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna

**Soft Skill Development**

with a consolidated score of **52** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 20.04/25 | Proctored Exam | 32.25/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **8130**

Prof. Jayanta Mukhopadhyay  
Dean Outreach  
IIT Kharagpur

Jan-Mar 2022  
(8 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur





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

Name: Amrit Kumar  
Roll No: 195059  
Registration No: 19101103031  
6th semester regular  
Civil Eng.  
Session:  
2019-2023  
Date: 23-09-22

Roll No: NPTEL22HS07S44071406

To  
AMRIT KUMAR  
AT-BELBANWA WARD NO 23  
PO-MOTIHARI  
MOTIHARI  
BIHAR - 845401  
PH. NO : 7004695859

f. J. Daler  
Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna



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

No. of credits recommended by NPTEL: 2

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



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**AMRIT KUMAR**

for successfully completing the course

**Soft Skill Development**

with a consolidated score of **57** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 21.96/25 | Proctored Exam | 35.25/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: 8130

Prof. Jayanta Mukhopadhyay  
Dean Outreach  
IIT Kharagpur

Jan-Mar 2022  
(8 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22HS07S44071406

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

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

Priyaranjan Kumar

Roll no - 195017

Branch - Civil

Session - 2019-23

Regno - 1510103012

date - 23/09/2022

VII<sup>th</sup> semester

Roll No: NPTEL22HS07S34070778

To  
PRIYARANJAN KUMAR  
S/O: DILIP KUMAR SINGH GRAM  
SONO POST-SONO THANA - SONO  
JAMUI  
BIHAR - 811314  
PH. NO : 6205458816

S. J. Dalei

Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna



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

No. of credits recommended by NPTEL: 2

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



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**PRIYARANJAN KUMAR**

for successfully completing the course

**Soft Skill Development**

with a consolidated score of **53** %

|                    |         |                |       |
|--------------------|---------|----------------|-------|
| Online Assignments | 22.5/25 | Proctored Exam | 30/75 |
|--------------------|---------|----------------|-------|

Total number of candidates certified in this course: **8130**

Prof. Jayanta Mukhopadhyay  
Dean Outreach  
IIT Kharagpur

Jan-Mar 2022  
(8 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22HS07S34070778

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



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

Name: MD. SAIF ALI.

Session: 2018-22

Roll No: 185004.

Reg No: 18101103002

Sem: 6<sup>th</sup>  
23/09/22

Roll No: NPTEL22HS07S34070696

To  
MD SAIF ALI  
DANAPUR POST OFFICE, IMLITAL  
DANAPUR IMLITAL EVER GREEN TAILOR  
PATNA  
BIHAR - 801503  
PH. NO : 8709006239

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

f. J Dalei  
Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna



No. of credits recommended by NPTEL: 2

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



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**MD SAIF ALI**

for successfully completing the course

**Soft Skill Development**

with a consolidated score of **54** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 21.96/25 | Proctored Exam | 32.25/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **8130**

Prof. Jayanta Mukhopadhyay  
Dean Outreach  
IIT Kharagpur

Jan-Mar 2022  
(8 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22HS07S34070696

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

Roll No: -191031

Registration No: -19105103053

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

Roll No: NPTEL22HS07S34070087

To  
 RAHUL KUMAR  
 C/O GYAN BHARTI SCHOOL  
 NEW SIPARA MATKHAN, SIPARA  
 PATNA  
 BIHAR - 800020  
 PH. NO :7903034106

S. J Dalei

Principal  
 Netaji Subhas Institute of Technology  
 Amhara, Bihta, Patna



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

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



Elite

## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

RAHUL KUMAR

for successfully completing the course

## Soft Skill Development

with a consolidated score of 60 %

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

Total number of candidates certified in this course: 8130

J

Prof. Jayanta Mukhopadhyay  
 Dean Outreach  
 IIT Kharagpur

Jan-Mar 2022  
 (8 week course)

Debnail

Prof. Debnail Chakraborty  
 Coordinator, NPTEL  
 IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22HS07S34070087

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



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

191020  
19105103044

Roll No: NPTEL22HS07S34072234

To  
SRIJAN SOURAV  
RAMDAYLU NAGAR MUZAFFARPUR  
A7  
MUZAFFARPUR  
BIHAR - 842002  
PH. NO :7070892791

*f. J. Dalei*  
Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

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



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SRIJAN SOURAV**

for successfully completing the course

**Soft Skill Development**

with a consolidated score of **53** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 22.54/25 | Proctored Exam | 30.75/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **8130**

*J*  
Prof. Jayanta Mukhopadhyay  
Dean Outreach  
IIT Kharagpur

Jan-Mar 2022  
(8 week course)

*Debjani*  
Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22HS07S34072234

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



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

Reg No. 181051030293

Roll No: NPTEL22HS07S34070289

To  
VENKATESH SHARMA  
ROAD NO-4, ADARSH COLONY, SOUTH OF PNB  
NAYACHAK, PATNA  
PATNA  
BIHAR - 800016  
PH. NO : 9304612541

S. J. D. lei

Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL: 2

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



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**VENKATESH SHARMA**  
for successfully completing the course

### Soft Skill Development

with a consolidated score of **57** %

|                    |         |                |         |
|--------------------|---------|----------------|---------|
| Online Assignments | 22.5/25 | Proctored Exam | 34.5/75 |
|--------------------|---------|----------------|---------|

Total number of candidates certified in this course: **8130**

Prof. Jayanta Mukhopadhyay  
Dean Outreach  
IIT Kharagpur

Jan-Mar 2022  
(8 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22HS07S34070289

To validate and check scores: <https://nptel.ac.in/noc>



A2

This certificate is computer generated and can be verified by scanning the QR code given below.

MD. SAIF ALI .

Roll No - 185004.

Reg. No - 18101103002.

Date - 01/09/2022

Sem :- 6th (Regular)

Roll No: NPTEL22HS07S34070696

To  
MD SAIF ALI  
DANAPUR POST OFFICE, IMLITAL  
DANAPUR IMLITAL EVER GREEN TAILOR  
PATNA  
BIHAR - 801503  
PH. NO : 8709006239



| Score | Type of Certificate    |
|-------|------------------------|
| >=90  | Elite+Gold             |
| 75-89 | Elite+Silver           |
| >=60  | Elite                  |
| 40-59 | Successfully Completed |
| <40   | No Certificate         |

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**MD SAIF ALI**

for successfully completing the course

**Soft Skill Development**

with a consolidated score of **54** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 21.96/25 | Proctored Exam | 32.25/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **8130**

  
Prof. Jayanta Mukhopadhyay  
Dean Outreach  
IIT Kharagpur

Jan-Mar 2022  
(8 week course)

  
Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22HS07S34070696

To validate and check scores: <https://nptel.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below.

19101103003

195001

Roll No: NPTEL22HS07S34070025

To  
NIKET KUMAR  
NIKET KUMAR SO SUNIL KUMAR  
AT MUNGERIGANJ PRAFFUL MARG  
BEGUSARAI  
BIHAR - 851101  
PH. NO :8252008659

Principal  
Netaji Subhas Institute of Technology  
Ambara, Bihta, Patna



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**NIKET KUMAR**

for successfully completing the course

**Soft Skill Development**

with a consolidated score of **54** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 22.25/25 | Proctored Exam | 31.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **8130**

Prof. Jayanta Mukhopadhyay  
Dean Outreach  
IIT Kharagpur

Jan-Mar 2022  
(8 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22HS07S34070025

To validate and check scores: <https://nptel.ac.in/noc>



This certificate is computer generated and can be verified by scanning the QR code given below.

Rohan Kumar Thakur

Roll No - 185079

Reg. No - 18101103061

Date - 01/09/2022

Sem:- 6<sup>th</sup> Backlog

Roll No: NPTEL22HS07S34072192

To  
ROHAN KUMAR THAKUR  
VILLAGE-HATWARIYA, PO- HARLAKHI UMGOAN  
VILL-HATWARIYA PO- HARLAKHI,  
MADHUBANI  
BIHAR - 847240  
PH. NO :9934193522



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## Elite NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**ROHAN KUMAR THAKUR**

for successfully completing the course

**Soft Skill Development**

with a consolidated score of **60** %

|                    |         |                |       |
|--------------------|---------|----------------|-------|
| Online Assignments | 22.5/25 | Proctored Exam | 37/75 |
|--------------------|---------|----------------|-------|

Total number of candidates certified in this course: **8130**

Prof. Jayanta Mukhopadhyay  
Dean Outreach  
IIT Kharagpur

Jan-Mar 2022  
(8 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22HS07S34072192

To validate and check scores: <https://nptel.ac.in/noc>



This certificate is computer generated and can be verified by scanning the QR code given below.

KAUSHAL VARDHAN

Roll No - 185069

Reg. No - 18101103067

Date - 01/09/2022

Sem :- 6<sup>th</sup> Backlog

Roll No: NPTEL22HS07S44071229

To  
KAUSHAL VARDHAN  
SRI KRISHNA VIHAR COLONY BEUR PATNA-2  
SRI KRISHNA VIHAR COLONY  
PATNA  
BIHAR - 800002  
PH. NO :9431256189



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**KAUSHAL VARDHAN**  
for successfully completing the course

**Soft Skill Development**

with a consolidated score of **60** %

|                    |         |                |          |
|--------------------|---------|----------------|----------|
| Online Assignments | 22.5/25 | Proctored Exam | 37.75/75 |
|--------------------|---------|----------------|----------|

Total number of candidates certified in this course: **8130**

Prof. Jayanta Mukhopadhyay  
Dean Outreach  
IIT Kharagpur

Jan-Mar 2022  
(8 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No NPTEL22HS07S44071229

To validate and check scores: <https://npTEL.ac.in/noc>





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**KUNAL KISHOR**  
for successfully completing the course

## Soft Skills

with a consolidated score of **41** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 11.16/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **8873**

**Prof. Sanjeev Manhas**  
Coordinator, Continuing Education Centre  
IIT Roorkee

**Jul-Oct 2022**

**(12 week course)**

**Prof. Priti Maheshwari**  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22HS76S63031872

To validate the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**MUKESH KUMAR**

for successfully completing the course

## Soft Skills

with a consolidated score of **66** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 23.72/25 | Proctored Exam | 41.88/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **8873**

**Prof. Sanjeev Manhas**  
Coordinator, Continuing Education Centre  
IIT Roorkee

**Jul-Oct 2022**

**(12 week course)**

**Prof. Priti Maheshwari**  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22HS76S53031011

To validate the certificate



No. of credits recommended: 3 or 4





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**ABHISHEK KUMAR**

for successfully completing the course

Name - ABHISHEK KUMAR

BRANCH - CIVIL

ROLL - 195186

Reg - 20102103903

Sem - IV

**Soft Skills**

with a consolidated score of **57** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 23.81/25 | Proctored Exam | 33.03/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **8873**

**Prof. Sanjeev Manhas**

Coordinator, Continuing Education Centre  
IIT Roorkee

**Jul-Oct 2022**

**(12 week course)**

**Prof. Priti Maheshwari**

NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22HS76S63032218

To validate the certificate



No. of credits recommended: 3 or 4



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**AMAN KUMAR**

for successfully completing the course

**Soft Skills**

with a consolidated score of **72** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 23.91/25 | Proctored Exam | 47.8/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **8873**

**Prof. Sanjeev Manhas**

Coordinator, Continuing Education Centre  
IIT Roorkee

**Jul-Oct 2022**

**(12 week course)**

**Prof. Priti Maheshwari**

NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22HS76S63032368

To validate the certificate



No. of credits recommended: 3 or 4





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**SHUBHLAKSHMI PATEL**  
for successfully completing the course

Shubhlakshmi Patel  
195034  
19101103030  
sem - VI<sup>th</sup>

## Soft Skills

with a consolidated score of **57** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 23.91/25 | Proctored Exam | 33.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **8873**

**Prof. Sanjeev Manhas**  
Coordinator, Continuing Education Centre  
IIT Roorkee

**Jul-Oct 2022**  
**(12 week course)**

**Prof. Priti Maheshwari**  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee





Name - Satyam K. Sinha <sup>184</sup> 3<sup>rd</sup> Sem

Roll No. - 184007

Reg. No. - 18110103004



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**SATYAM KUMAR SINHA**  
for successfully completing the course

## Soft Skills

with a consolidated score of **60** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 22.66/25 | Proctored Exam | 37.16/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **8873**

**Prof. Sanjeev Manhas**  
Coordinator, Continuing Education Centre  
IIT Roorkee

**Jul-Oct 2022**

**(12 week course)**

**Prof. Priti Maheshwari**  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22HS76S53030113

To validate the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**PRIYA KUMARI**  
for successfully completing the course

## Soft Skills

with a consolidated score of **71** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 23.91/25 | Proctored Exam | 47.21/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **8873**

*Sanjeev Manhas*

**Prof. Sanjeev Manhas**  
Coordinator, Continuing Education Centre  
IIT Roorkee

Jul-Oct 2022

(12 week course)

*Priya Maheshwari*

**Prof. Priti Maheshwari**  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22HS76553030037

To validate the certificate



No. of credits recommended: 3 or 4

Name :- **PRIYA KUMARI**

Roll No :- **204008**

Reg No :- **20110103009**

Branch :- **EEE** *3<sup>rd</sup> Sem.*

Session :- **2020-2024**



Reg no:- 19110103012  
Sem :- 3<sup>rd</sup>



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**RISHI PRAKASH PANDEY**  
for successfully completing the course

## Soft Skills

with a consolidated score of **61** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 23.91/25 | Proctored Exam | 37.31/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **8873**

**Prof. Sanjeev Manhas**  
Coordinator, Continuing Education Centre  
IIT Roorkee

**Jul-Oct 2022**

**(12 week course)**

**Prof. Priti Maheshwari**  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22HS76553030073

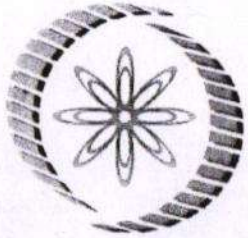
To validate the certificate



No. of credits recommended: 3 or 4



NAME:- ABHISHEK SINGH  
Roll no:- 194016  
Reg no:- 19110103001  
Sem:- 5<sup>th</sup>



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**ABHISHEK SINGH**

for successfully completing the course

## Soft Skills

with a consolidated score of **55** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 23.69/25 | Proctored Exam | 30.84/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **8873**

**Prof. Sanjeev Manhas**  
Coordinator, Continuing Education Centre  
IIT Roorkee

**Jul-Oct 2022**

**(12 week course)**

**Prof. Priti Maheshwari**  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22HS76S53030491

To validate the certificate



No. of credits recommended: 3 or 4





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**LAVANYA SINGH**  
for successfully completing the course

## Soft Skills

with a consolidated score of **50** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 16.03/25 | Proctored Exam | 33.81/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **8873**

**Prof. Sanjeev Manhas**  
Coordinator, Continuing Education Centre  
IIT Roorkee

Jul-Oct 2022

(12 week course)

**Prof. Priti Maheshwari**  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No. NPTEL22HS76S63030408

To validate the certificate



No. of credits recommended: 3 or 4

Name - Lavanya Singh

Roll no. - 194014

Reg no. - 19110103009

Semester - 5th





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**MD AQUIL HAIDER**

for successfully completing the course

## Soft Skills

with a consolidated score of **54** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 24.13/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **8873**

*San*

**Prof. Sanjeev Manhas**  
Coordinator, Continuing Education Centre  
IIT Roorkee

**Jul-Oct 2022**

**(12 week course)**

*Priti Maheshwari*

**Prof. Priti Maheshwari**  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22HS76S63031642

To validate the certificate



No. of credits recommended: 3





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**VICKY KUMAR**

for successfully completing the course

**Soft Skills**

with a consolidated score of **61** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 23.69/25 | Proctored Exam | 37.69/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **8873**

**Prof. Sanjeev Manhas**  
Coordinator, Continuing Education Centre  
IIT Roorkee

**Jul-Oct 2022**

**(12 week course)**

**Prof. Priti Maheshwari**  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22HS76S53031443

To validate the certificate



No. of credits recommended: 3 or 4





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**ANJU KUMARI**  
for successfully completing the course

## Soft Skills

with a consolidated score of **56** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 24.13/25 | Proctored Exam | 31.87/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **8873**

*San*

**Prof. Sanjeev Manhas**  
Coordinator, Continuing Education Centre  
IIT Roorkee

**Jul-Oct 2022**

**(12 week course)**

*Priti Maheshwari*

**Prof. Priti Maheshwari**  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22HS76S63031604

To validate the certificate



No. of credits recommended: 3 or 4

*verified  
Babul*

Roll No:- 205040  
Reg No:- 20101103027  
Mob:- 8235268945  
Sem 4th  
session:- 2020-24





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**NIRAJ KUMAR**

for successfully completing the course

Reg → 20101103034

Session → 2020-24

Sem → 4<sup>th</sup> (Regular)

Mob → 8969 049200

Branch - CIVIL

## Soft Skills

with a consolidated score of **57** %

|                    |         |                |          |
|--------------------|---------|----------------|----------|
| Online Assignments | 23.5/25 | Proctored Exam | 33.89/75 |
|--------------------|---------|----------------|----------|

Total number of candidates certified in this course: **8873**

**Prof. Sanjeev Manhas**  
Coordinator, Continuing Education Centre  
IIT Roorkee

**Jul-Oct 2022**

**(12 week course)**

**Prof. Priti Maheshwari**  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22HS76S53030535

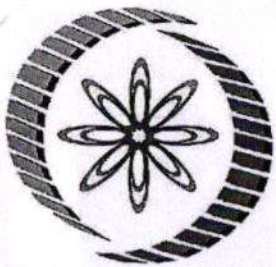
To validate the certificate



No. of credits recommended: 3 or 4



ECE 6  
Dept



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**NIKITA KUMARI**

for successfully completing the course

**Soft Skills**

with a consolidated score of **54** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 24.13/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **8873**

**Prof. Sanjeev Manhas**

Coordinator, Continuing Education Centre  
IIT Roorkee

**Jul-Oct 2022**

**(12 week course)**

**Prof. Priti Maheshwari**

NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22HS76S53031037

To validate the certificate



No. of credits recommended: 3 or 4



CSE 5  
DPT



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**AKASH GAURAV**

for successfully completing the course

**Soft Skills**

with a consolidated score of **70** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 21.63/25 | Proctored Exam | 48.19/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **8873**

*Sanjeev Manhas*

**Prof. Sanjeev Manhas**  
Coordinator, Continuing Education Centre  
IIT Roorkee

**Jul-Oct 2022**

**(12 week course)**

*Priti Maheshwari*

**Prof. Priti Maheshwari**  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



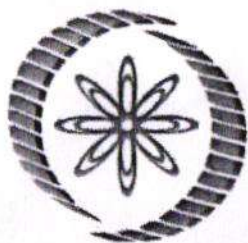
Roll No: NPTEL22HS76S63031770

To validate the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**HRITIK RAUSHAN**

Registration no - 19105103032 for successfully completing the course

Semester - 5th

## Soft Skills

with a consolidated score of **60** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 24.13/25 | Proctored Exam | 35.98/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **8873**

**Prof. Sanjeev Manhas**  
Coordinator, Continuing Education Centre  
IIT Roorkee

**Jul-Oct 2022**

**(12 week course)**

**Prof. Priti Maheshwari**  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22HS76S63030742

To validate the certificate



No. of credits recommended: 3 or 4



Date: 7/1/23 Roll no: - 191062  
Registration no: - 20105103901  
6th Sem CSE  
Jyoti Kumari  
Session 2019-2023



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**JYOTI KUMARI**  
for successfully completing the course

## Soft Skills

with a consolidated score of **60** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 23.72/25 | Proctored Exam | 36.55/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **8873**

**Prof. Sanjeev Manhas**  
Coordinator, Continuing Education Centre  
IIT Roorkee

**Jul-Oct 2022**

**(12 week course)**

**Prof. Priti Maheshwari**  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22HS76S54630096

To validate the certificate



No. of credits recommended: 3 or 4





Name - Sonam Raza Date 7/1/23  
Reg no - 19105103050  
Session - 6th sem CSE  
Roll - 191052 | session 2019-2023

Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SONAM RAZA**

for successfully completing the course

**Soft Skills**

with a consolidated score of **68** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 24.13/25 | Proctored Exam | 44.16/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **8873**

**Prof. Sanjeev Manhas**  
Coordinator, Continuing Education Centre  
IIT Roorkee

**Jul-Oct 2022**

**(12 week course)**

**Prof. Priti Maheshwari**  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22HS76S53030153

To validate the certificate



No. of credits recommended: 3 or 4





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



Bharti Sinha  
Roll no - 191021  
Reg - 1910S103004  
6th sem CSE  
Session 2019-2023  
Date 7/11/23

This certificate is awarded to

**BHARTI SINHA**

for successfully completing the course

## Soft Skills

with a consolidated score of **54** %

|                    |         |                |          |
|--------------------|---------|----------------|----------|
| Online Assignments | 23.6/25 | Proctored Exam | 30.31/75 |
|--------------------|---------|----------------|----------|

Total number of candidates certified in this course: **8873**

**Prof. Sanjeev Manhas**  
Coordinator, Continuing Education Centre  
IIT Roorkee

**Jul-Oct 2022**

**(12 week course)**

**Prof. Priti Maheshwari**  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22HS76S63030345

To validate the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



REG No:- 18105103024

ROLL No:- 181022

SEM :- 6<sup>th</sup>

This certificate is awarded to  
**SOMNATH MAHADEV**  
for successfully completing the course

## Soft Skills

with a consolidated score of **63** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 22.88/25 | Proctored Exam | 39.98/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **8873**

**Prof. Sanjeev Manhas**

Coordinator, Continuing Education Centre  
IIT Roorkee

**Jul-Oct 2022**

**(12 week course)**

**Prof. Priti Maheshwari**

NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22HS76S53031323

To validate the certificate



No. of credits recommended: 3 or 4



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**RAUSHAN SINGH**

for successfully completing the course

## Soft Skills

with a consolidated score of **50** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 19.38/25 | Proctored Exam | 30.46/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **8873**

**Prof. Sanjeev Manhas**  
Coordinator, Continuing Education Centre  
IIT Roorkee

**Jul-Oct 2022**

**(12 week course)**

**Prof. Priti Maheshwari**  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL22HS76S53031205

To validate the certificate



No. of credits recommended: 3 or 4



NAME:- ABHISHEK SINGH  
Roll no:- 194016  
Reg no:- 19110103001  
Sem:- 3rd



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**ABHISHEK SINGH**

for successfully completing the course

## Soft Skills for Business Negotiations and Marketing Strategies

with a consolidated score of **45** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 10.94/25 | Proctored Exam | 34.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **2348**

Jul-Oct 2022

(12 week course)

**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22MG105563030883

To validate the certificate



No. of credits recommended: 3 or 4



CSE Dept  
5



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



*Registration no - 19105103023*  
*Semester 5th.*

This certificate is awarded to  
**ANUSHKA CHOUDHARY**  
for successfully completing the course

## Soft Skills for Business Negotiations and Marketing Strategies

with a consolidated score of **73** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 20.31/25 | Proctored Exam | 52.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **2348**

Jul-Oct 2022  
(12 week course)

**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22MG105S53030544

To validate the certificate



No. of credits recommended: 3 or 4



NEW  
This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22ME07S34030086

To  
RAUNAK MISHRA  
OLD TAPAN KUTIR,  
LOWER MAWPREM ROAD  
SHILLONG  
MEGHALAYA - 793002  
PH. NO :8651240113



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**RAUNAK MISHRA**

for successfully completing the course

## Steam and Gas Power Systems

with a consolidated score of **54** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 21.25/25 | Proctored Exam | 33/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: 230

*Sam*

Prof. Sanjeev Manhas  
Coordinator, Continuing Education Centre  
IIT Roorkee

Feb-Apr 2022  
(8 week course)

*Priti Maheshwari*

Prof. Priti Maheshwari  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No:NPTEL22ME07S34030086

To validate and check scores: <https://nptel.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below.

Reg. No. - 18101103032

4th Semester (backlog)

Roll No. - 185047

Roll No: NPTEL22HS34S24032782

To  
AYUSH RANJAN  
RAM KRISHNA NAGAR, DIVA COLONY  
NEAR DEVNARAYAN MARKERT  
PATNA  
BIHAR - 800027  
PH. NO :918757663279



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**AYUSH RANJAN**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **64** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 20.42/25 | Proctored Exam | 43.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: 2952

*Devendra Jaliha*

Prof. Devendra Jaliha  
Chairman  
Centre for Continuing Education, IITM

Feb-Apr 2022  
(8 week course)

*Prof. Andrew Thangaraj*  
Prof. Andrew Thangaraj  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22HS34S24032782

To validate and check scores: <https://nptel.ac.in/noc>



This certificate is computer generated and can be verified by scanning the QR code given below.

18101103023  
4th semester (backlog)  
Roll No - 185030

Roll No: NPTEL22HS34S24032617

To  
ADITYA KUMAR  
AWAS NAGAR, NEAR NEW POLICE LINE  
P/O - MIT, MUZAFFARPUR  
MUZAFFARPUR  
BIHAR - 842003  
PH. NO : 7480845715



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL: 2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**ADITYA KUMAR**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **68** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 19.58/25 | Proctored Exam | 48.75/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **2952**

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Feb-Apr 2022  
(8 week course)

*Prof. Andrew Thangaraj*  
Prof. Andrew Thangaraj  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22HS34S24032617

To validate and check scores: <https://nptel.ac.in/noc>

AZ  
This certificate is computer generated and can be verified by scanning the QR code given below.

Piyush Ranjan

Reg:- 18101103063

Roll no:- 185048

6<sup>th</sup> (Regular)

Session - 2018-22

Date - 08.09.2022

Roll No: NPTEL22HS34514030197

To  
PIYUSH RANJAN  
RAM KRISHNA NAGAR  
DEVNARAYAN MARKET PATNA 27  
PATNA  
BIHAR - 800027  
PH. NO : 9162311395



| Score | Type of Certificate    |
|-------|------------------------|
| >=90  | Elite+Gold             |
| 75-89 | Elite+Silver           |
| >=60  | Elite                  |
| 40-59 | Successfully Completed |
| <40   | No Certificate         |

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

**NPTEL Online Certification**

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**PIYUSH RANJAN**

for successfully completing the course

**Technical English for Engineers**

with a consolidated score of **60** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 19.58/25 | Proctored Exam | 40.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **2952**

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Feb-Apr 2022  
(8 week course)

*Andrew Thangaraj*  
Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22HS34514030197

To validate and check scores: <https://nptel.ac.in/noc>



This certificate is computer generated and can be verified by scanning the QR code given below.

Nishant Suman

Rg: - 18101103060

Roll no - 185085

6<sup>th</sup> (Regular)

Session - 2018-2022

Date - 08.09.2022

Roll No: NPTEL22HS34514030739

To  
NISHANT SUMAN  
BEHIND VASI KUNJ COMPLEX BAILEY ROAD  
NEAR SAGUNA MORE DANAPUR  
PATNA  
BIHAR - 801503  
PH. NO : 7739832760



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**NISHANT SUMAN**

for successfully completing the course

### Technical English for Engineers

with a consolidated score of **55** %

|                    |         |                |         |
|--------------------|---------|----------------|---------|
| Online Assignments | 17.5/25 | Proctored Exam | 37.5/75 |
|--------------------|---------|----------------|---------|

Total number of candidates certified in this course: **2952**

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Feb-Apr 2022  
(8 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22HS34514030739

To validate and check scores: <https://nptel.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below.

AMIT PRAKASH

Roll No - 185037

Reg No. - 18101103033

SEM - 6th Backlog

DATE - 01/09/22

Roll No: NPTEL22HS34S24032683

To  
AMIT PRAKASH  
VILL-THAKURI P.O-BANAULI  
P.S PALIGANJ DIST-PATNA  
PATNA  
BIHAR - 801110  
PH. NO :7970819195



No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**AMIT PRAKASH**

for successfully completing the course

### Technical English for Engineers

with a consolidated score of **62** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 18.75/25 | Proctored Exam | 42.75/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: 2952

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Feb-Apr 2022  
(8 week course)

*Prof. Andrew Thangaraj*  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22HS34S24032683

To validate and check scores: <https://npTEL.ac.in/noc>



This certificate is computer generated and can be verified by scanning the QR code given below.

AMIT PRAKASH

Session - 2018-22

Roll No - 185037

Reg No: 18101103033

Sem - 6th sem (Backlog)

Roll No: NPTEL22HS34S24032683

AMIT PRAKASH  
VILL-THAKURI P.O-BANAULI  
P.S PALIGANJ DIST-PATNA  
PATNA  
BIHAR - 801110  
PH. NO :7970819195

f. J Dalei  
Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**AMIT PRAKASH**

for successfully completing the course

### Technical English for Engineers

with a consolidated score of **62** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 18.75/25 | Proctored Exam | 42.75/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: 2952

Devendra Jalihal

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Feb-Apr 2022  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22HS34S24032683

To validate and check scores: <https://npTEL.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below.

Name - Nishant Suman

Reg no - 18101103060

Roll no - 185085

Branch - Civil (18-22)

Semester - 6<sup>th</sup> Sem (Backlog)

Date :- 23/09/22

Roll No: NPTEL22HS34S14030739

To  
NISHANT SUMAN  
BEHIND VASI KUNJ COMPLEX BAILEY ROAD  
NEAR SAGUNA MORE DANAPUR  
PATNA  
BIHAR - 801503  
PH. NO : 7739832760

f. J Dalei  
Principal  
Netaji Subhas Institute of Technology  
Amhara



| Score | Type of Certificate    |
|-------|------------------------|
| >=90  | Elite+Gold             |
| 75-89 | Elite+Silver           |
| >=60  | Elite                  |
| 40-59 | Successfully Completed |
| <40   | No Certificate         |

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**NISHANT SUMAN**

for successfully completing the course

### Technical English for Engineers

with a consolidated score of **55** %

|                    |         |                |         |
|--------------------|---------|----------------|---------|
| Online Assignments | 17.5/25 | Proctored Exam | 37.5/75 |
|--------------------|---------|----------------|---------|

Total number of candidates certified in this course: **2952**

Devendra Jalihal

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Feb-Apr 2022

(8 week course)

Prof. Andrew Thangaraj

NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22HS34S14030739

To validate and check scores: <https://npTEL.ac.in/noc>



This certificate is computer generated and can be verified by scanning the QR code given below.

Name:- Piyush Ranjan  
Regd No:- 18101103063  
Roll No:- 185048

Session:- 2018-22

Sem:- 6<sup>th</sup> sem (backlog)

23/09/22

Roll No: NPTEL22HS34S14030197

To  
PIYUSH RANJAN  
RAM KRISHNA NAGAR  
DEVNARAYAN MARKET PATNA 27  
PATNA  
BIHAR - 800027  
PH. NO : 9162311395

f. J Dalei  
Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna

No. of credits recommended by NPTEL: 2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



| Score | Type of Certificate    |
|-------|------------------------|
| >=90  | Elite+Gold             |
| 75-89 | Elite+Silver           |
| >=60  | Elite                  |
| 40-59 | Successfully Completed |
| <40   | No Certificate         |



## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**PIYUSH RANJAN**

for successfully completing the course

### Technical English for Engineers

with a consolidated score of **60** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 19.58/25 | Proctored Exam | 40.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **2952**

Devendra Jalihal

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Feb-Apr 2022

(8 week course)

Prof. Andrew Thangaraj

NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22HS34S14030197

To validate and check scores: <https://npTEL.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22HS34S24032102

To  
GAURAV KUMAR  
TULSICHAK  
BIHAR - 804453  
PH. NO :9708505374



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**GAURAV KUMAR**

for successfully completing the course

## Technical English for Engineers

with a consolidated score of **49** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 17.92/25 | Proctored Exam | 31.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **2952**

*Devendra Jaliha*

**Prof. Devendra Jaliha**

Chairman

Centre for Continuing Education, IITM

**Feb-Apr 2022**

**(8 week course)**

*Prof. Andrew Thangaraj*

**Prof. Andrew Thangaraj**

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras





This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CS31S14030791

To  
PAWAN KUMAR  
VILL - BIHTA  
PO- SHEKHPURA  
AURANGABAD  
BIHAR - 824114  
PH. NO :6206398775



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**PAWAN KUMAR**

for successfully completing the course



## The Joy of Computing using Python

with a consolidated score of **80** %

|                    |       |                  |       |                |         |
|--------------------|-------|------------------|-------|----------------|---------|
| Online Assignments | 24/25 | Programming Exam | 25/25 | Proctored Exam | 30.5/50 |
|--------------------|-------|------------------|-------|----------------|---------|

Total number of candidates certified in this course: 7438

*Devendra Jalihal*

**Prof. Devendra Jalihal**

Chairman

Centre for Continuing Education, IITM

**Jan-Apr 2022**

**(12 week course)**

*Andrew Thangaraj*

**Prof. Andrew Thangaraj**

NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No:NPTEL22CS31S14030791

To validate and check scores: <https://npTEL.ac.in/noc>



This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CS31S14031188

To  
SAURAV SUMAN  
VILL - KISHUNPUR MOHINI  
PO- KISHUNPUR MOHINI  
MUZAFFARPUR  
BIHAR - 844127  
PH. NO :9504785941



| Score     | Type of Certificate    |
|-----------|------------------------|
| $\geq 90$ | Elite+Gold             |
| 75-89     | Elite+Silver           |
| $\geq 60$ | Elite                  |
| 40-59     | Successfully Completed |
| $< 40$    | No Certificate         |

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

**SAURAV SUMAN**

for successfully completing the course

**The Joy of Computing using Python**

with a consolidated score of **77** %

|                    |          |                  |       |                |       |
|--------------------|----------|------------------|-------|----------------|-------|
| Online Assignments | 24.94/25 | Programming Exam | 25/25 | Proctored Exam | 27/50 |
|--------------------|----------|------------------|-------|----------------|-------|

Total number of candidates certified in this course: **7438**



*Devendra Jallihal*

Prof. Devendra Jallihal  
Chairman

Centre for Continuing Education, IITM

Jan-Apr 2022

(12 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22CS31S14031188

To validate and check scores: <https://nptel.ac.in/noc>





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**ANKIT KUMAR**

for successfully completing the course

**Body Language: Key to Professional Success**

with a consolidated score of **54** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 20.83/25 | Proctored Exam | 33/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **1609**

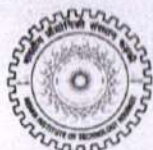
*Head of Department*  
Head of Department  
Department of Civil Engineering  
Netaji Subhas Institute of Technology

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Aug-Sep 2023**

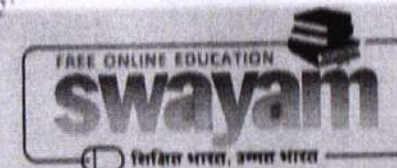
**(4 week course)**

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee

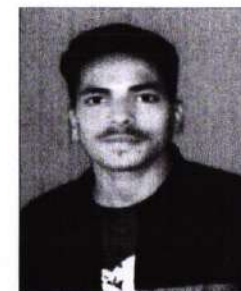
*Principal*  
Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihra Patna





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**AKHAND PRATAP SINGH**

for successfully completing the course

**Body Language: Key to Professional Success**

with a consolidated score of **51** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 20.83/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **1609**

*allchul*  
2023-09-24 10:10:10  
Department of Chemistry  
Netaji Subhas Institute of Technology

*Ghosh*

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Aug-Sep 2023**

**(4 week course)**

*R. Ranjana Pathania*

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)

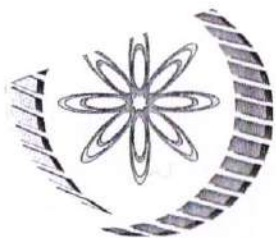


Indian Institute of Technology Roorkee

*R. Ranjana Pathania*  
Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihra, Patna







Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**RAFAT JABEEN**

for successfully completing the course

**Body Language: Key to Professional Success**

with a consolidated score of **60** %

|                    |       |                |       |
|--------------------|-------|----------------|-------|
| Online Assignments | 20/25 | Proctored Exam | 40/75 |
|--------------------|-------|----------------|-------|

Total number of candidates certified in this course: **1609**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Aug-Sep 2023**

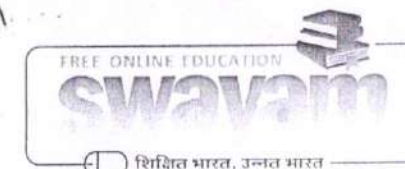
**(4 week course)**

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee

Principal  
Netaji Subhas Institute of Technology



Roll No: NPTEL23HS146S644301417

To verify the certificate



No. of credits recommended: 1 or 2



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**RITIKA KUMARI**

for successfully completing the course

Regno: 20105103022

Roll no: 201055

Sem: 6th

**Body Language: Key to Professional Success**

with a consolidated score of **52** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 19.17/25 | Proctored Exam | 33/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **1609**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Aug-Sep 2023**

**(4 week course)**

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)

Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna



Indian Institute of Technology Roorkee



Roll No: NPTEL23HS146S644301525

To verify the certificate



No. of credits recommended: 1 or 2





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



ANU SINGH

This certificate is awarded to

**ANU SINGH**

for successfully completing the course

**Body Language: Key to Professional Success**

Reg no 20105103021

Roll no 201020

Name Anu Singh

with a consolidated score of **50** %

|                    |       |                |       |
|--------------------|-------|----------------|-------|
| Online Assignments | 20/25 | Proctored Exam | 30/75 |
|--------------------|-------|----------------|-------|

Total number of candidates certified in this course: **1609**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Aug-Sep 2023**

**(4 week course)**

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee

Principal  
Netaji Subhas Institute of Technology  
Ambala

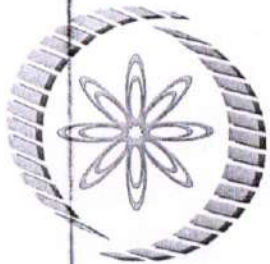


Roll No: NPTEL23HS146S644301207

To verify the certificate



No. of credits recommended: 1 or 2



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**AAYUSHI RAJ**

for successfully completing the course

Reg. no: 20105103017

Roll no: 201014

6th sem

**Body Language: Key to Professional Success**

with a consolidated score of **62** %

|                    |       |                |       |
|--------------------|-------|----------------|-------|
| Online Assignments | 20/25 | Proctored Exam | 42/75 |
|--------------------|-------|----------------|-------|

Total number of candidates certified in this course: **1609**

Prof. Kaushik Ghosh,  
Professor (Chemistry)  
Coordinator CEC

**Aug-Sep 2023**

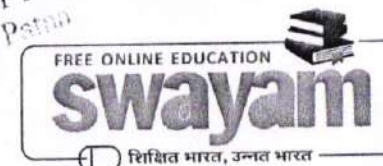
**(4 week course)**

Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna

Prof. Ranjana Pathania,  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



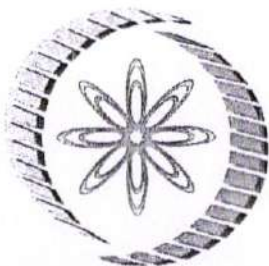
Roll No: NPTEL23HS146S644300938

To verify the certificate



No. of credits recommended: 1 or 2





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SHWETA PRIYA**

for successfully completing the course

Reg No - 20105103012  
Roll no - 201007  
Sem - 6<sup>th</sup>

**Body Language: Key to Professional Success**

with a consolidated score of **68** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 20.83/25 | Proctored Exam | 47.45/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **1609**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Aug-Sep 2023**

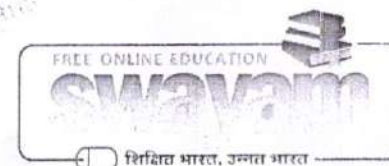
**(4 week course)**

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee

Principal  
Netaji Subhas Institute of Technology  
Amherst, Bihar, India



Roll No: NPTEL23HS146S544300808

To verify the certificate



No. of credits recommended: 1 or 2





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**RITIKA JHA**

for successfully completing the course

**Business to Business Marketing (B2B)**

with a consolidated score of **68 %**

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 24.06/25 | Proctored Exam | 43.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **2029**

Head of Department  
Department of Engineering  
Netaji Subhas Institute of Technology

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jul-Oct 2023**  
**(12 week course)**

Principal  
Netaji Subhas Institute of Technology  
Amara Bihari Boro

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee

Roll No: NPTEL23MG120S744301630

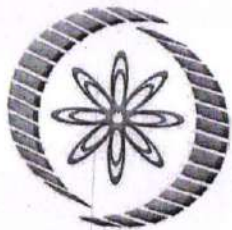
To verify the certificate



No. of credits recommended: 3 or 4







# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**VICKY KUMAR**

for successfully completing the course

**Cloud Computing**

with a consolidated score of **51** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 21.25/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **11454**

**Jan-Apr 2023**

**(12 week course)**

**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur

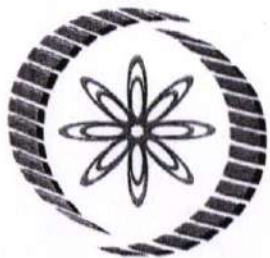


Roll No: NPTEL23CS42S54412486

To validate the certificate



No. of credits recommended: 3 or 4



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**AMITESH KUMAR**

for successfully completing the course

**Design of Reinforced Concrete Structures**

with a consolidated score of **53** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 21.88/25 | Proctored Exam | 31.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **323**

*Deekshen*  
Head of Department  
Department of Civil Engineering  
Netaji Subhas Institute of Technology

**Jul-Oct 2023**

**(12 week course)**

*Haimanti Banerji*

**Prof. Haimanti Banerji**  
Coordinator, NPTEL  
IIT Kharagpur

*R. B. Singh*  
Principal

Netaji Subhas Institute of Technology  
Amhara, Bhubaneswar



Indian Institute of Technology Kharagpur







Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**RANJEET KUMAR**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **61** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 23.92/25 | Proctored Exam | 36.86/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: 9659

*Receiver*  
Head of Department  
Department of Civil Engineering  
Netaji Subhas Institute of Technology

*Pathish*

**Prof. D. V. Ratish Kumar**  
Chairman, Centre for Continuing Education  
IIT Kanpur

**Jul-Sep 2023**

**(8 week course)**

*[Signature]*  
Principal

Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna

*[Signature]*

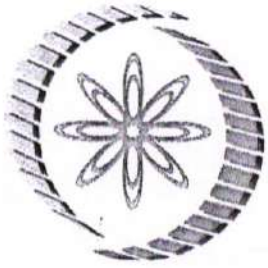
**Prof. Satyaki Roy**  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur







Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**VAISHNAWI KUMARI**

for successfully completing the course

Vaishnavi Kumari  
20105103038  
6<sup>th</sup> Sem

## Developing Soft Skills and Personality

with a consolidated score of **60** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 22.54/25 | Proctored Exam | 37.53/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **9659**

*Ratish*

**Prof. B. V. Ratish Kumar**  
Chairman, Centre for Continuing Education  
IIT Kanpur

**Jul-Sep 2023**

**(8 week course)**

*Satyaki*

**Prof. Satyaki Roy**  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur

*R. K. Singh*  
Principal  
Netaji Subhas Institute of Technology  
Amity, Delhi



Roll No. NPTEL23HS116S34372799

To verify the certificate



No. of credits recommended: 2 or 3





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



Name:- Anamika Kumari  
Reg No:- 20105103028  
Roll No:- 201021

This certificate is awarded to

**ANAMIKA KUMARI**

for successfully completing the course

**Developing Soft Skills and Personality**



with a consolidated score of **76** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 23.83/25 | Proctored Exam | 52.27/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **9659**

*Pathish*

**Prof. B. V. Ratish Kumar**

Chairman, Centre for Continuing Education  
IIT Kanpur

**Jul-Sep 2023**

**(8 week course)**

*R. K. Sanyal*  
**Prof. Satyaki Roy**  
Principal  
Netaji Subhas Institute of Technology  
Ambala, Bihra, Patna

NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL23HS116S44370254

To verify the certificate

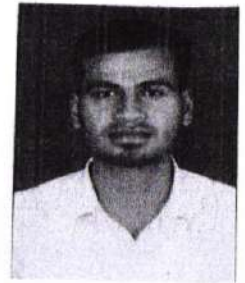


No. of credits recommended: 2 or 3





**Elite**  
**NPTEL Online Certification**  
(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**ROUSHAN KUMAR**  
for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **60** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 23.29/25 | Proctored Exam | 36.44/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **9659**

*Melhem*  
Head of Department  
Department of Civil Engineering  
Netaji Subhas Institute of Technology

*Patish*  
**Prof. B. V. Ratish Kumar**  
Chairman, Centre for Continuing Education  
IIT Kanpur

**Jul-Sep 2023**  
**(8 week course)**

*R. K. Singh*  
Principal  
Netaji Subhas Institute of Technology  
Amherst, MA

*Satyaki Roy*  
**Prof. Satyaki Roy**  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL23HS116S44372111

To verify the certificate



No. of credits recommended: 2 or 3





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**UTKARSH KUMAR**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **58** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 23.13/25 | Proctored Exam | 35.3/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **9659**

*Meekhel*  
Head of Department  
Department of Civil Engineering  
Netaji Subhas Institute of Technology

*Patish*  
**Prof. B. V. Ratish Kumar**  
Chairman, Centre for Continuing Education  
IIT Kanpur

**Jul-Sep 2023**  
**(8 week course)**

*R. K. Singh*  
Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna

*Satyaki Roy*  
**Prof. Satyaki Roy**  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur

Roll No: NPTEL23HS116S34372781

To verify the certificate





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**PRATIK PRAKASH**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **63** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 23.92/25 | Proctored Exam | 39.17/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **9659**

*Melchior*

Head of Department

Department of Civil Engineering

Netaji Subhas Institute of Technology

*Pathish*

**Prof. B. V. Ratish Kumar**

Chairman, Centre for Continuing Education  
IIT Kanpur

**Jul-Sep 2023**

**(8 week course)**

*R. K. Singh*  
Principal

Netaji Subhas Institute of Technology  
Amhara, Bihar

*Satyaki Roy*

**Prof. Satyaki Roy**

NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL23HS116S44371783

To verify the certificate



No. of credits recommended: 2 or 3





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**MAHIARH TAASEEN**

for successfully completing the course

## Developing Soft Skills and Personality

with a consolidated score of **57** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 23.33/25 | Proctored Exam | 33.91/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **9659**

*Mehulm*

Head of Department  
Department of Civil Engineering  
Netaji Subhas Institute of Technology

*Pathish*

**Prof. B. V. Ratish Kumar**

Chairman, Centre for Continuing Education  
IIT Kanpur

**Jul-Sep 2023**

**(8 week course)**

*R. K. Singh*  
Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna

*Satyaki Roy*

**Prof. Satyaki Roy**

NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL23HS116S34372697

To verify the certificate



No. of credits recommended: 2 or 3

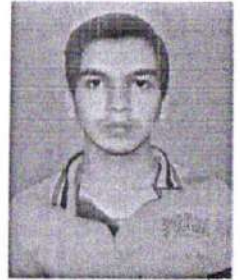




Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**ANAND KUMAR**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **71** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 19.17/25 | Proctored Exam | 51.39/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **9659**

*Pathish*

**Prof. B. V. Ratish Kumar**  
Chairman, Centre for Continuing Education  
IIT Kanpur

*[Signature]*

**Head of Department**

**Jul-Sep 2023**

**(8 week course)**

*[Signature]*  
**Principal**

**Netaji Subhas Institute of Technology**  
Ambikapur, Chhattisgarh

*[Signature]*

**Prof. Satyaki Roy**  
NPTEL Coordinator  
IIT Kanpur



**Indian Institute of Technology Kanpur**



Roll No: NPTEL23HS116S44370260

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

**ANIKET KUMAR**

for successfully completing the course

**Developing Soft Skills and Personality**

with a consolidated score of **61** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 23.13/25 | Proctored Exam | 38/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **9659**

*Pathish*

**Prof. B. V. Ratish Kumar**  
Chairman, Centre for Continuing Education  
IIT Kanpur

**Jul-Sep 2023**

*[Signature]*  
**Head of Department (8 week course)**  
Department of Mechanical Engineering  
Netaji Subhas Institute of Technology

*[Signature]*  
**Principal**  
Netaji Subhas Institute of Technology  
Ambari, Ranchi

*[Signature]*  
**Prof. Satyaki Roy**  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur

*[Signature]*  
**Principal**  
Netaji Subhas Institute of Technology  
Ambari, Ranchi



Roll No: NPTEL23HS116S44370290

To verify the certificate



No. of credits recommended: 2 or 3





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**NIRAJ KUMAR**

for successfully completing the course

## Effective Writing

with a consolidated score of **55** %

|                    |       |                |       |
|--------------------|-------|----------------|-------|
| Online Assignments | 25/25 | Proctored Exam | 30/75 |
|--------------------|-------|----------------|-------|

Total number of candidates certified in this course: **3804**

*Sanjeev Manhas*  
Head of Department  
Department of Civil Engineering  
Netaji Subhas Institute of Technology

*Sanjeev Manhas*

**Prof. Sanjeev Manhas**  
Coordinator, Continuing Education Centre  
IIT Roorkee

Jan-Feb 2023

(4 week course)

*Priti Maheshwari*

**Prof. Priti Maheshwari**  
NPTEL Coordinator  
IIT Roorkee

*Rizvi*  
Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihar, India



Indian Institute of Technology Roorkee



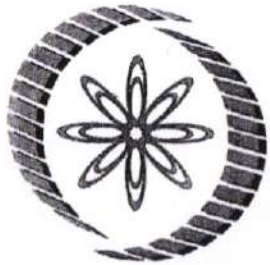
Roll No: NPTEL23HS19S15380278

To validate the certificate



No. of credits recommended: 1 or 2





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**AYUSH KUMAR**

for successfully completing the course

**Effective Writing**

with a consolidated score of **71** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 23.25/25 | Proctored Exam | 48/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **3804**

*Nichil*  
Head of Department  
Department of Civil Engineering  
Netaji Subhas Institute of Technology

**Prof. Sanjeev Manhas**  
Coordinator, Continuing Education Centre  
IIT Roorkee

**Jan-Feb 2023**

**(4 week course)**

*Priti Maheshwari*

**Prof. Priti Maheshwari**  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee

*R. K. Singh*  
Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihra, Patna

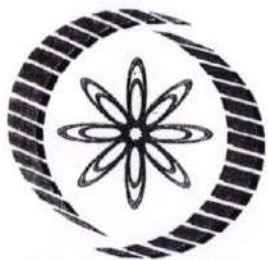


Roll No: NPTEL23HS19S45380545

To validate the certificate



No. of credits recommended: 1 or 2



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**PRIYATI**

for successfully completing the course

## Effective Writing

with a consolidated score of **52** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 22.42/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **3804**

*Sanjeev Manhas*  
Head of Department  
Department of Civil Engineering  
Netaji Subhas Institute of Technology

*Sanjeev Manhas*  
**Prof. Sanjeev Manhas**  
Coordinator, Continuing Education Centre  
IIT Roorkee

**Jan-Feb 2023**  
**(4 week course)**

*Rajendra Kumar*  
Principal  
Netaji Subhas Institute of Technology  
Ambala, Haryana, India

*Priti Maheshwari*  
**Prof. Priti Maheshwari**  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



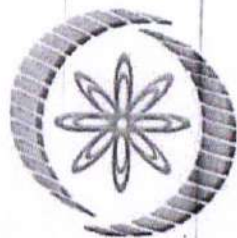
Roll No: NPTEL23HS19S15380280

To validate the certificate



No. of credits recommended: 1 or 2





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**BASUDEV**

for successfully completing the course

**Emotional Intelligence**

with a consolidated score of **48** %

|                    |         |                |       |
|--------------------|---------|----------------|-------|
| Online Assignments | 17.5/25 | Proctored Exam | 30/75 |
|--------------------|---------|----------------|-------|

Total number of candidates certified in this course: **3187**

Head of Department  
Department of Electronics & Communication Engineering  
Netaji Subhas Institute of Technology

Jan-Mar 2023

(8 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur

Principal  
Netaji Subhas Institute of Technology  
Amherst College, Ohio



Roll No: NPTEL23HS11S45381258

To validate the certificate



No. of credits recommended: 2 or 3



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**SAUMYA KAUSHIK**  
for successfully completing the course

## Emotional Intelligence

with a consolidated score of **70** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 23.29/25 | Proctored Exam | 46.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **3187**

Jan-Mar 2023

(8 week course)

**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur

Principal  
Raji Subhas Institute of Technology  
Amhara, Bihra, Pama



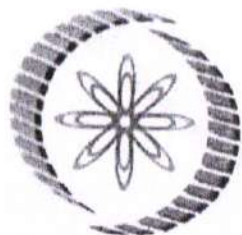
Roll No: NPTEL23HS11S35380208

To validate the certificate



No. of credits recommended: 2 or 3





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**ANKIT KUMAR**

for successfully completing the course

## Enhancing Soft Skills and Personality

with a consolidated score of **61** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 22.67/25 | Proctored Exam | 38.72/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **12752**

Feb-Apr 2023

(8 week course)

*Head of C.*  
Director, Centre for Continuing Education  
NPTEL

*Patish*

**Prof. B. V. Ratish Kumar**  
Chairman, Centre for Continuing Education  
IIT Kanpur



Indian Institute of Technology Kanpur

*Satyaki Roy*

**Prof. Satyaki Roy**  
NPTEL Coordinator  
IIT Kanpur

*R. N. Singh*  
Principal

Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna



Roll No: NPTEL23HS30S44410957

To validate the certificate



No. of credits recommended: 2 or 3



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**FAIYAZ AHMAD**

for successfully completing the course

## Enhancing Soft Skills and Personality

with a consolidated score of **55** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 22.92/25 | Proctored Exam | 31.78/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **12752**

*Pathish*  
Head of Department  
Department of Civil Engineering  
Netaji Subhas Institute of Technology

*Pathish*  
**Prof. B. V. Ratish Kumar**  
Chairman, Centre for Continuing Education  
IIT Kanpur



Indian Institute of Technology Kanpur

Feb-Apr 2023

(8 week course)

*Satyaki Roy*

**Prof. Satyaki Roy**  
NPTEL Coordinator  
IIT Kanpur

*Ranjan*  
Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna



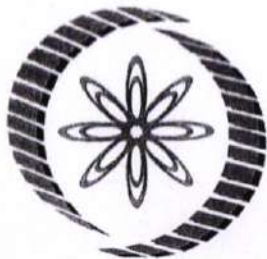
Roll No: NPTEL23HS30544410801

To validate the certificate



No. of credits recommended: 2 or 3





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**PRIYATI**

for successfully completing the course

## Enhancing Soft Skills and Personality

with a consolidated score of **58** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 22.33/25 | Proctored Exam | 35.64/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **12752**

*Pathish*

**Prof. B. V. Ratish Kumar**

Chairman, Centre for Continuing Education  
IIT Kanpur

**Feb-Apr 2023**

**(8 week course)**

*Satyaki Roy*

**Prof. Satyaki Roy**

NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur

*R. K. Singh*  
Principal  
Netaji Subhas Institute of Technology  
Amhara, Bhubaneswar, Odisha





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**ROHAN ANAND**

for successfully completing the course

## Enhancing Soft Skills and Personality

with a consolidated score of **73** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 17.75/25 | Proctored Exam | 54.96/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **12752**

*Kuldeep*  
Head of Department  
Department of Civil Engineering  
Netaji Subhas Institute of Technology

*B. V. Ratish*  
**Prof. B. V. Ratish Kumar**  
Chairman, Centre for Continuing Education  
IIT Kanpur

**Feb-Apr 2023**  
**(8 week course)**

*R. K. Singh*  
Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihra, Patna

*Satyaki Roy*  
**Prof. Satyaki Roy**  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL23HS30S34410313

To validate the certificate



No. of credits recommended: 2 or 3





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**ASHWINI KUMAR**

for successfully completing the course

## Enhancing Soft Skills and Personality

with a consolidated score of **56** %

|                    |       |                |         |
|--------------------|-------|----------------|---------|
| Online Assignments | 22/25 | Proctored Exam | 33.9/75 |
|--------------------|-------|----------------|---------|

Total number of candidates certified in this course: **12752**

*Uchhelu*  
Head of...

**Prof. B. V. Ratish Kumar**

Chairman, Centre for Continuing Education  
IIT Kanpur

**Feb-Apr 2023**

**(8 week course)**

*R. K. Singh*  
Principal  
Netaji Subhas Institute of Technology  
Amhara, Pitha, Patna

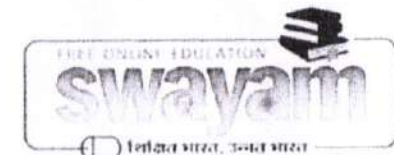
*Satyaki Roy*

**Prof. Satyaki Roy**

NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur

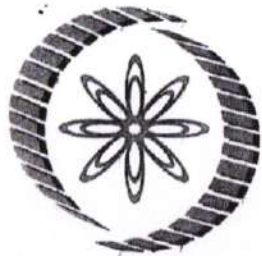


Roll No: NPTEL23HS30S44411017

To validate the certificate



No. of credits recommended: 2 or 3



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**AJAY YADAV**

for successfully completing the course

## Enhancing Soft Skills and Personality

with a consolidated score of **52** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 22.04/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **12752**

*Melchelin*  
Head of Department  
Department of Civil Engineering  
Netaji Subhas Institute of Technology

*B. V. Ratish Kumar*  
**Prof. B. V. Ratish Kumar**  
Chairman, Centre for Continuing Education  
IIT Kanpur

**Feb-Apr 2023**  
**(8 week course)**

*[Signature]*  
Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna

*[Signature]*  
**Prof. Satyaki Roy**  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL23HS30S44411041

To validate the certificate



No. of credits recommended: 2 or 3





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**NAAZ KHATUN**

for successfully completing the course

## Enhancing Soft Skills and Personality

with a consolidated score of **52** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 21.25/25 | Proctored Exam | 31.19/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **12752**

*Pathish*

**Prof. B. V. Ratish Kumar**  
Chairman, Centre for Continuing Education  
IIT Kanpur

**Feb-Apr 2023**

**(8 week course)**

*Satyaki*

**Prof. Satyaki Roy**  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur

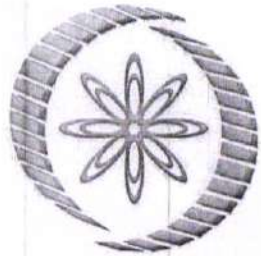


Roll No: NPTEL23HS30S44411278

To validate the certificate



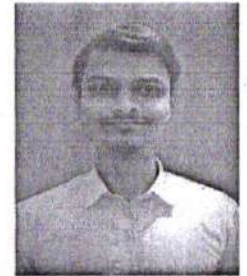
No. of credits recommended: 2 or 3



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**PRATYUSH KUMAR**

for successfully completing the course

**Ethical Hacking**

with a consolidated score of **66** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 24.41/25 | Proctored Exam | 41.33/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **4375**

**Jul-Oct 2023**

(12 week course)

Reg.No. 20105103047

Roll No. 201030

Sem: 6<sup>th</sup> Sem

Pratyush Kumar

*Haimanti Banerji*

**Prof. Haimanti Banerji**

Coordinator, NPTEL  
IIT Kharagpur

*R. N. Singh*

Principal

Netaji Subhas Institute of Technology

Netaji Subhas Institute of Technology



Indian Institute of Technology Kharagpur

Roll No: NPTEL23CS75S744300378

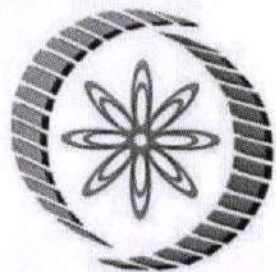
To verify the certificate



No. of credits recommended: 3 or 4







**Elite**

# NPTEL Online Certification

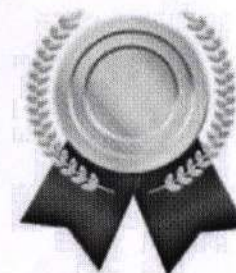
(Funded by the MoE, Govt. of India)



This certificate is awarded to

**MD SAIF ALI**

for successfully completing the course



**Human Behaviour**

with a consolidated score of **75** %

|                    |       |                |         |
|--------------------|-------|----------------|---------|
| Online Assignments | 20/25 | Proctored Exam | 55.1/75 |
|--------------------|-------|----------------|---------|

Total number of candidates certified in this course: **2559**

**Feb-Apr 2023**

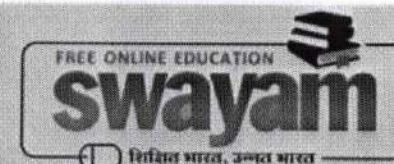
**(8 week course)**

**Prof. T. V. Bharat**

Head, Centre for Educational Technology  
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL23HS37S44411526

To validate the certificate



No. of credits recommended: 2 or 3





**Elite**

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

**HARIKRISHAN**

for successfully completing the course

**Human Behaviour**

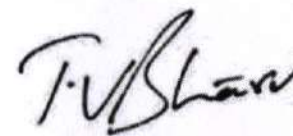
with a consolidated score of **90** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 20.83/25 | Proctored Exam | 68.88/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **2559**

**Feb-Apr 2023**

**(8 week course)**



**Prof. T. V. Bharat**  
Head, Centre for Educational Te  
NPTEL Coordinator, IIT Guwa



Indian Institute of Technology Guwahati

Roll No: NPTEL23HS37S44240856

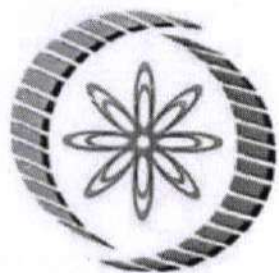
To validate the certificate



No. of credits recommended







Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**HARIKRISHAN**  
for successfully completing the course

**Human Behaviour**

with a consolidated score of **90** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 20.83/25 | Proctored Exam | 68.88/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **2559**

**Feb-Apr 2023**

**(8 week course)**

**Prof. T. V. Bharat**  
Head, Centre for Educational Technology  
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati

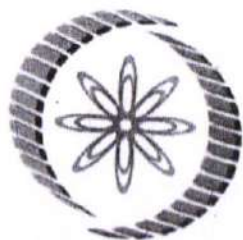


Roll No: NPTEL23HS37S44240856

To validate the certificate



No. of credits recommended: 2 or 3



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**ROHIT KUMAR**  
for successfully completing the course

## Introduction to Civil Engineering Profession

with a consolidated score of **63** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 22.46/25 | Proctored Exam | 40.56/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **875**

*Devendra Jalihal*  
Head of Department  
Department of Civil Engineering  
Netaji Subhas Institute of Technology

**Prof. Devendra Jalihal**

Chairperson,  
Centre for Outreach and Digital Education, IITM



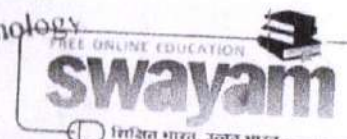
Indian Institute of Technology Madras

Jan-Mar 2023

(8 week course)

*R. Lakshmi*  
Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna

*Thangaraj*  
**Prof. Andrew Thangaraj**  
NPTEL, Coordinator  
IIT Madras



Roll No: NPTEL23CE19S35380244

To validate the certificate



No. of credits recommended: 2 or 3





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SHASHIKANT KUMAR**

for successfully completing the course

## Microprocessors and Microcontrollers

with a consolidated score of **60** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 23.72/25 | Proctored Exam | 36/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **605**

Head of Department  
Department of Information Engineering  
Netaji Subhas Institute of Technology

Jan-Apr 2023

(12 week course)

Principal  
Netaji Subhas Institute of Technology  
Amhara, Bhubaneswar

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23EE47S34410530

To validate the certificate



No. of credits recommended: 3 or 4





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**NISHANT KUMAR**  
for successfully completing the course

## Principles of Casting Technology

with a consolidated score of **55** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 20.42/25 | Proctored Exam | 34.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **363**

**Prof. Sanjeev Manhas**  
Coordinator, Continuing Education Centre  
IIT Roorkee

**Jan-Mar 2023**  
**(8 week course)**

**Prof. Priti Maheshwari**  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee







# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



Registration no - 20105103047  
Semester - 5th

This certificate is awarded to

**PRATYUSH KUMAR**

for successfully completing the course

## Problem Solving through Programming in C

with a consolidated score of **54** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 24.19/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **3749**

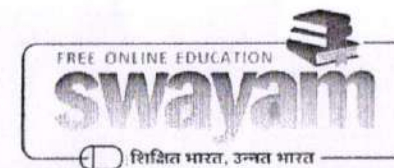
Jan-Apr 2023

(12 week course)

**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS53S34410141

To validate the certificate



No. of credits recommended: 3 or 4



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**ABHISHEK KUMAR**

for successfully completing the course

**Programming in Java**

with a consolidated score of **47** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 10.47/25 | Proctored Exam | 36.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **11713**

**Jul-Oct 2023**

**(12 week course)**

**Prof. Hajmanthi Banerji**

Coordinator, NPTEL

IIT-Kharagpur

Principal

Netaji Subhas Institute of Technology  
Amhara, Bihra, Patna



परिचित भारत, उन्नत भारत



Indian Institute of Technology Kharagpur

Roll No: NPTEL23CS74S844302969

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

**NISHANT KUMAR**

for successfully completing the course

**Programming in Java**

with a consolidated score of **45** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 14.56/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **11713**

**Jul-Oct 2023**

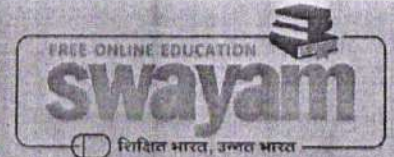
**(12 week course)**

*R. K. Singh*  
Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna

*H. Banerji*  
Prof. Haimanti Banerji  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS74S844303178

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

**SAURAV KUMAR**

for successfully completing the course

**Programming in Java**

Reg.No - 20105103040

Roll.No - 201056

Sem - 6<sup>th</sup>

with a consolidated score of **54** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 23.81/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: 11713

**Jul-Oct 2023**

(12 week course)

*Banerji*

**Prof. Hajmanthi Banerji**

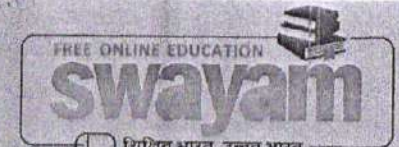
Coordinator, NPTEL  
IIT Kharagpur

*R. K. Singh*  
Principal

Netaji Subhas Institute of Technology  
Ambikapur, Chhattisgarh



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS74S844303320

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

**ANKIT KUMAR**

for successfully completing the course

**Programming in Java**

with a consolidated score of **60** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 24.35/25 | Proctored Exam | 35.25/75 |
|--------------------|----------|----------------|----------|

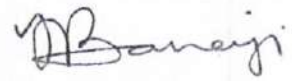
Total number of candidates certified in this course: **11713**

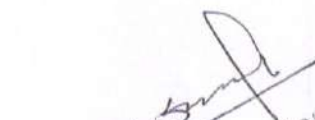
**Jul-Oct 2023**

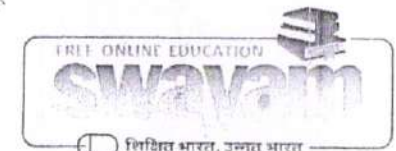
**(12 week course)**



Indian Institute of Technology Kharagpur

  
**Prof. Haimanti Banerji**  
Coordinator, NPTEL  
IIT Kharagpur

  
Principal  
Netaji Subhas Institute of Technology  
Ambala, Bihra, Patna



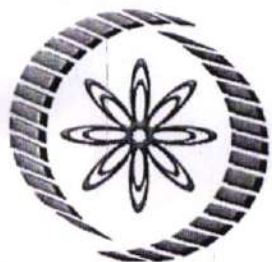
Roll No: NPTEL23CS74S844303035

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

**GOPAL KUMAR**

for successfully completing the course

Registration no - 20105103023  
Semester - 5th

## Programming, Data Structures and Algorithms using Python

with a consolidated score of **61** %

|                    |       |                |          |
|--------------------|-------|----------------|----------|
| Online Assignments | 25/25 | Proctored Exam | 35.63/75 |
|--------------------|-------|----------------|----------|

Total number of candidates certified in this course: **1844**

*Devendra Jalihal*

**Prof. Devendra Jalihal**

Chairperson,

Centre for Outreach and Digital Education, IITM

**Jan-Mar 2023**

**(8 week course)**

*Prof. Andrew Thangaraj*

**Prof. Andrew Thangaraj**

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS15S25380639

To validate the certificate



No. of credits recommended: 2 or 3





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**HARSH RAJ**

for successfully completing the course

**Public Speaking**

Reg. no → 20105103048  
Roll. no. → 201050  
Semester → 6<sup>th</sup>

with a consolidated score of **62** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 21.75/25 | Proctored Exam | 40.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **4485**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

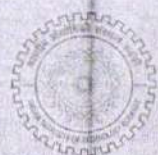
**Jul-Oct 2023**

**(12 week course)**

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)

Principal

Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna



Indian Institute of Technology Roorkee



Roll No: NPTEL23HS151S744300032

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

**SUBHAM KUMAR**

for successfully completing the course

**Public Speaking**

Reg No: 20105103018


Roll No: 201009

Sem : 6<sup>th</sup>

with a consolidated score of **67** %

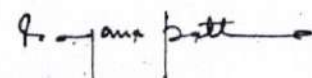
|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 23.31/25 | Proctored Exam | 43.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **4485**

  
**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

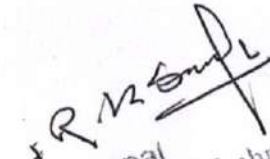
**Jul-Oct 2023**

**(12 week course)**

  
**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee

  
Principal  
Netaji Subhas Institute of Technology  
Amherst, Bihar



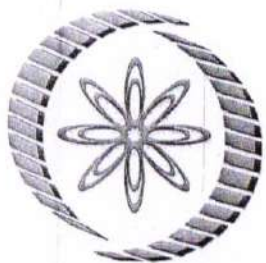
Roll No: NPTEL23HS151S844302960

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

**AMAN KUMAR**

for successfully completing the course

**Public Speaking**

with a consolidated score of **55** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 23.13/25 | Proctored Exam | 31.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **4485**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jul-Oct 2023**

**(12 week course)**

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee

Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna



Roll No: NPTEL23HS151S744301508

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

**ABU SALIM**

for successfully completing the course

**Public Speaking**

with a consolidated score of **53** %

|                    |       |                |       |
|--------------------|-------|----------------|-------|
| Online Assignments | 23/25 | Proctored Exam | 30/75 |
|--------------------|-------|----------------|-------|

Total number of candidates certified in this course: 4485

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jul-Oct 2023**

**(12 week course)**

Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL23HS151S844303757

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

**PAYAL KUMARI**

for successfully completing the course

**Soft Skill Development**

with a consolidated score of **48** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 18.33/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **6347**

*Head of Department*  
Head of Department  
Department of Civil Engineering  
Netaji Subhas Institute of Technology

**Jul-Sep 2023**

**(8 week course)**

*Prof. Haimanti Banerji*

**Prof. Haimanti Banerji**  
Coordinator, NPTEL  
IIT Kharagpur



**Indian Institute of Technology Kharagpur**

*Principal*  
Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna



To verify the certificate



No. of credits recommended: 2 or 3



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**PARTHIV RAJ HANS**  
for successfully completing the course

**Soft Skill Development**

with a consolidated score of **47** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 16.67/25 | Proctored Exam | 30.75/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **6347**

*Received*  
Head of  
Department of  
New Science and Technology

**Jul-Sep 2023**

(8 week course)

*Haimanti Banerji*

**Prof. Haimanti Banerji**  
Coordinator, NPTEL  
IIT Kharagpur

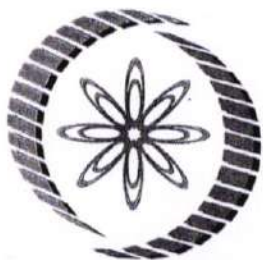


Indian Institute of Technology Kharagpur

*R. Singh*  
Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihra, Patna







# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SAHIL SINGH**

for successfully completing the course

**Soft Skill Development**

with a consolidated score of **53** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 23.08/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **6347**

*Kuldeep*  
Head of Department  
Department of Civil Engineering  
Netaji Subhas Institute of Technology

**Jul-Sep 2023**

**(8 week course)**

*H. Banerji*

**Prof. Haimanti Banerji**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur

*R. K. Singh*  
Principal  
Netaji Subhas Institute of Technology  
Ankara, Bihra, Patna



Roll No: NPTEL23HS80S44372130

To verify the certificate



No. of credits recommended: 2 or 3



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**VISHWAJEET KUMAR**  
for successfully completing the course

## Soft Skill Development

with a consolidated score of **55** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 22.25/25 | Proctored Exam | 33/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **10421**

*Signature*  
Head of Department  
Department of Civil Engineering  
Netaji Subhas Institute of Technology

Jan-Mar 2023  
(8 week course)

*Signature*  
Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna

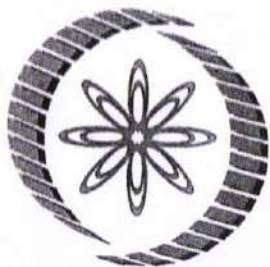
*Signature*  
Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur







Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**AAYUSH KUMAR**

for successfully completing the course

## Soft Skill Development

with a consolidated score of **62** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 22.54/25 | Proctored Exam | 39.75/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **10421**

*Aayush*  
Head of Department  
Department of Civil Engineering  
Netaji Subhas Institute of Technology

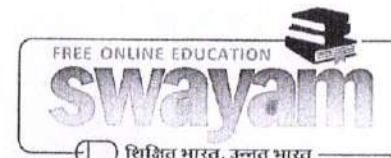
Jan-Mar 2023  
(8 week course)

*Debjani*  
Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur

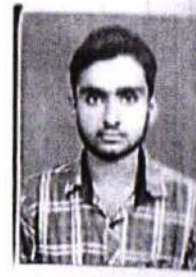
*Ranjan*  
Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**PRAFUL KUMAR**

for successfully completing the course

**Soft Skill Development**

with a consolidated score of **58** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 23.92/25 | Proctored Exam | 34.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **10421**

*Alakhendra*  
Head of Department  
Department of Civil Engineering  
Netaji Subhas Institute of Technology

**Jan-Mar 2023**

**(8 week course)**

*Debjani*  
**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur

*R. L. Saha*  
Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna



Indian Institute of Technology Kharagpur



Roll No: NPTEL23HS10S35380097

To validate the certificate



No. of credits recommended: 2 or 3





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**KUSUM TARA**

for successfully completing the course

**Soft Skill Development**

with a consolidated score of **55** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 21.92/25 | Proctored Exam | 33/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **6347**

**Jul-Sep 2023**

**(8 week course)**

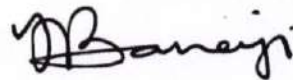
Registration no:- 20105103045

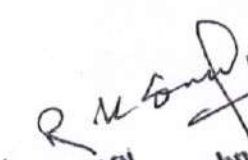
Roll no:- 201001

6<sup>th</sup> Sem



Indian Institute of Technology Kharagpur

  
**Prof. Haimanti Banerji**  
Coordinator, NPTEL  
IIT Kharagpur

  
Principal  
Netaji Subhas Institute of Technology



Roll No: NPTEL23HS80S34371258

To verify the certificate



No. of credits recommended: 2 or 3





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**RUPA KUMARI**

for successfully completing the course

**Soft Skill Development**

with a consolidated score of **49** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 19.08/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **6347**

**Jul-Sep 2023**

**(8 week course)**

Reg - 20105103031

Rollno - 201018

Sem - 6th Sem

*[Signature]*  
**Prof. Hajmanthi Banerji**  
Coordinator, NPTEL  
IIT Kharagpur

*[Signature]*  
Principal  
Netaji Subhas Institute of Technology  
Ambara, Bihra, Patna



Indian Institute of Technology Kharagpur



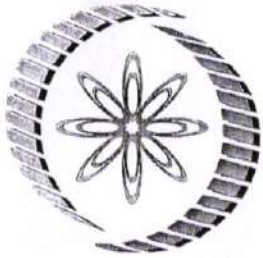
Roll No: NPTEL23HS80S44372110

To verify the certificate



No. of credits recommended: 2 or 3





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**RAHUL KUMAR**

for successfully completing the course

**Soft Skill Development**

with a consolidated score of **53** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 23.08/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **6347**

**Jul-Sep 2023**

**(8 week course)**



Indian Institute of Technology Kharagpur

*R. K. Singh*  
Principal  
Netaji Subhas Institute of  
Ambala, Haryana

*H. Banerji*

**Prof. Haimanti Banerji**  
Coordinator, NPTEL  
IIT Kharagpur

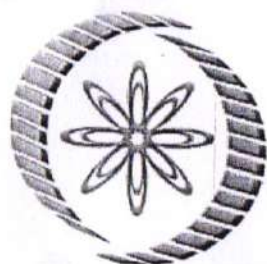


Roll No: NPTEL23HS80S44372070

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

**MADHUMAY**

for successfully completing the course

**Soft Skill Development**

with a consolidated score of **60** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 22.25/25 | Proctored Exam | 37.75/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **10421**

Jan-Mar 2023

(8 week course)

Reg. No. 20105103025

Roll - 201022 (6th Sem)



Indian Institute of Technology Kharagpur

+ *R. M. Singh*  
Principal  
Netaji Subhas Institute of Technology  
Amihara, Bihar, Patna

*Debjani*  
Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Roll No: NPTEL23HS10S45380554

To validate the certificate



No. of credits recommended: 2 or





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**ADITYA RANJAN KUMAR**  
for successfully completing the course

## Soft Skill Development

with a consolidated score of **57** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 22.83/25 | Proctored Exam | 33.75/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **10421**

*Recd.*  
Head of Department  
Department of Civil Engineering  
Netaji Subhas Institute of Technology

Jan-Mar 2023

(8 week course)



Indian Institute of Technology Kharagpur

*R. K. Singh*  
Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna

*Debjani Chakraborty*  
Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur

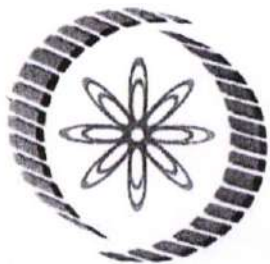


Roll No: NPTEL23HS10S45380350

To validate the certificate



No. of credits recommended: 2 or 3



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**AMIT KUMAR**

for successfully completing the course

## Soft Skill Development

with a consolidated score of **54** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 23.08/25 | Proctored Exam | 30.75/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **10421**

*Prithvi*  
Head of Department  
Department of Computer Science  
Netaji Subhas Institute of Technology

**Jan-Mar 2023**  
**(8 week course)**

*R. Subramanian*  
Principal  
Netaji Subhas Institute of Technology  
Amkara, Bihra Patna

*Debjani Chakraborty*  
**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23HS10545380370

To validate the certificate



No. of credits recommended: 2 or 3





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SUMIT KUMAR**

for successfully completing the course

## Soft Skill Development

with a consolidated score of **58** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 23.88/25 | Proctored Exam | 34.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **10421**

*Neel Kumar*  
Head of Department  
Department of Civil Engineering  
Netaji Subhas Institute of Technology

Jan-Mar 2023  
(8 week course)

*Debjani Chakraborty*  
Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur

*R. U. Singh*  
Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihra Patna



Roll No: NPTEL23HS10535380995

To validate the certificate



No. of credits recommended: 2 or 3



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**RAHUL KUMAR**

for successfully completing the course

**Soft Skill Development**

with a consolidated score of **52** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 19.42/25 | Proctored Exam | 33/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **6347**

Melhubin  
Head of Department  
Department of Civil Engineering  
Netaji Subhas Institute of Technology

**Jul-Sep 2023**

**(8 week course)**

**Prof. Haimanti Banerji**

Coordinator, NPTEL

IIT Kharagpur



Indian Institute of Technology Kharagpur

Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna



Roll No: NPTEL23HS80S44371832

To verify the certificate



No. of credits recommended: 2 or 3





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**CHANDAN KUMAR**

for successfully completing the course

**Soft Skill Development**

with a consolidated score of **51** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 19.67/25 | Proctored Exam | 31.5/75 |
|--------------------|----------|----------------|---------|

*Neelkumar*  
Head of Department  
Department of Civil Engineering  
Netaji Subhas Institute of Technology

Total number of candidates certified in this course: **6347**

**Jul-Sep 2023**

**(8 week course)**

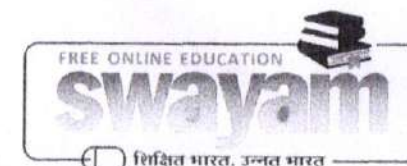
*R. K. Banerji*  
Principal  
Netaji Subhas Institute of Technology  
Amherst, Odisha, India

*Haimanti Banerji*

**Prof. Haimanti Banerji**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**PIYUSH KUMAR**

for successfully completing the course

**Soft Skill Development**

with a consolidated score of **53** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 20.29/25 | Proctored Exam | 32.25/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **6347**

*Head of Department*  
Department of Electrical Engineering  
Netaji Subhas Institute of Technology

**Jul-Sep 2023**

**(8 week course)**

*Principal*  
Netaji Subhas Institute of Technology  
Amhara Bihra Patna

*Prof. Haimanti Banerji*  
**Prof. Haimanti Banerji**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23HS80S44371724

To verify the certificate



No. of credits recommended: 2 or 3





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**PRINCE KUMAR**

for successfully completing the course

**Soft Skill Development**

with a consolidated score of **56** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 20.29/25 | Proctored Exam | 35.25/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **6347**

Head of Department  
Department of Communication Technology  
Netaji Subhas Institute of Technology

**Jul-Sep 2023**

**(8 week course)**

*H. Banerji*

**Prof. Hajmanthi Banerji**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur

*R. K. Singh*  
Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna



Roll No: NPTEL23HS80S44371710

To verify the certificate



No. of credits recommended: 2 or 3





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**ABU SALIM**

for successfully completing the course

## Soft Skill Development

with a consolidated score of **55** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 23.04/25 | Proctored Exam | 32.03/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **10421**

**Jan-Mar 2023**

**(8 week course)**

**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23HS10S25381123

To validate the certificate



No. of credits recommended: 2 or 3





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



Registration no - 20105103003  
Semester - 5th

This certificate is awarded to  
**KHUSHBOO KUMARI**  
for successfully completing the course

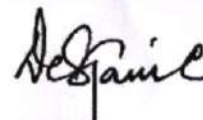
## Soft Skill Development

with a consolidated score of **68** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 23.92/25 | Proctored Exam | 44.25/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **10421**

Jan-Mar 2023  
(8 week course)

  
**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23HS10S45380494

To validate the certificate



No. of credits recommended: 2 or 3





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**MOHAMMAD MAZHARUDDIN**  
for successfully completing the course

## Soft Skill Development

with a consolidated score of **60** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 23.63/25 | Proctored Exam | 36.75/75 |
|--------------------|----------|----------------|----------|

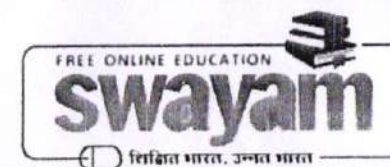
Total number of candidates certified in this course: **10421**

Jan-Mar 2023  
(8 week course)

**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23HS10S35380621

To validate the certificate



No. of credits recommended: 2 or 3





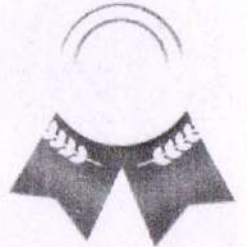
Khushi  
Roll-204001  
Reg. no-20110103002

Sem:- 5th

**Elite**

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**KHUSHI**

for successfully completing the course

**Soft Skill Development**

with a consolidated score of **86** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 23.92/25 | Proctored Exam | 62.25/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **10421**

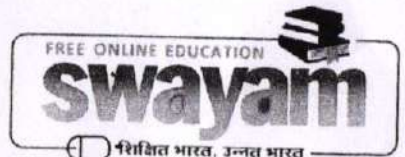
Jan-Mar 2023

(8 week course)

**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



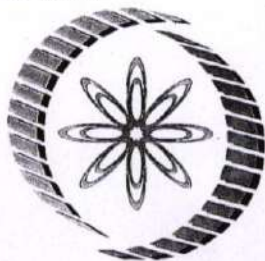
शिक्षित भारत, उन्नत भारत





(AME-UDITRAJ)  
11-204011

Reg no- 20110103003  
Sem- 5th



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**UDIT RAJ**

for successfully completing the course

## Soft Skill Development

with a consolidated score of **53** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 23.38/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **10421**

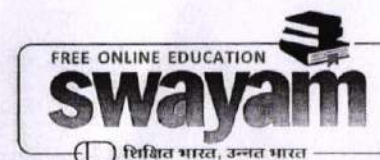
Jan-Mar 2023

(8 week course)

**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23HS10S35381020

To validate the certificate



No. of credits recommended: 2 or 3

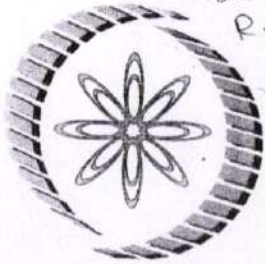


Name - Abhishek Ranjan

Roll No - 214003

RegNo - 21110103002

Sem - 3rd



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**ABHISHEK RAJAN**

for successfully completing the course

## Soft Skill Development

with a consolidated score of **54** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 23.92/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **10421**

Jan-Mar 2023

(8 week course)

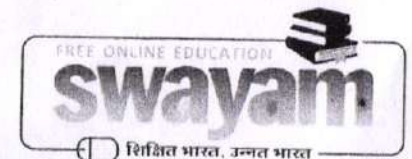
**Prof. Debjani Chakraborty**

Coordinator, NPTEL

IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23HS10S45381253

To validate the certificate



No. of credits recommended: 2 or 3

Name - Rashid Mahboob Reg No - 21110103004  
Roll No - 214001 Sem - 3rd



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**RASHID MAHBOOB**  
for successfully completing the course

## Soft Skill Development

with a consolidated score of **58** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 23.92/25 | Proctored Exam | 33.75/75 |
|--------------------|----------|----------------|----------|

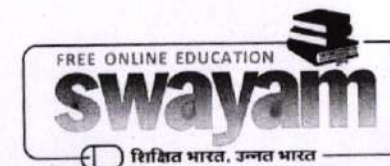
Total number of candidates certified in this course: **10421**

Jan-Mar 2023  
(8 week course)

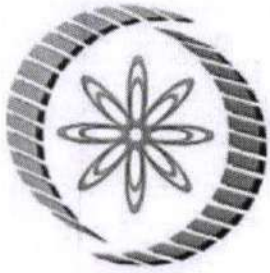
**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur







# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**PRATIBHA KUMARI**  
for successfully completing the course

## Soft Skill Development

with a consolidated score of **54** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 23.92/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **10421**

Jan-Mar 2023  
(8 week course)

  
**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23HS10S35380730

To validate the certificate



No. of credits recommended: 2 or 3



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**HARIKRISHAN**

for successfully completing the course

## Soft Skill Development

with a consolidated score of **64** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 23.63/25 | Proctored Exam | 40.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **10421**

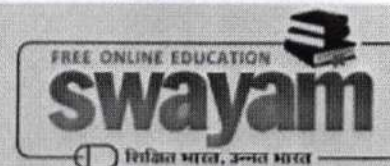
Jan-Mar 2023

(8 week course)

**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23HS10S35380005

To validate the certificate



No. of credits recommended: 2 or 3





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



Name:- manish kumar  
Reg.No:- 19104103010  
Roll No:- 192010  
Date:- 14/07/2023  
Semester V<sup>th</sup> (19-23)

This certificate is awarded to

**MANISH KUMAR**

for successfully completing the course

## Soft Skill Development

with a consolidated score of **54** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 23.92/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **10421**

Jan-Mar 2023

(8 week course)

**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23HS10S35380029

To validate the certificate



No. of credits recommended: 2 or 3



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



Name : - ABHISHEK KUMAR

Reg. No: - 19104103006

Roll No: - 192002

Date : - 13/07/2023  
(2023)

Semester: VI<sup>th</sup> (19-23)

This certificate is awarded to

**ABHISHEK KUMAR**

for successfully completing the course

## Soft Skill Development

with a consolidated score of **52** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 20.83/25 | Proctored Exam | 31.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **10421**

Jan-Mar 2023

(8 week course)

**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23HS10S45380458

To validate the certificate



No. of credits recommended: 2 or 3





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SONU KUMAR**

for successfully completing the course

**Soft Skills**

with a consolidated score of **56** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 22.69/25 | Proctored Exam | 33.75/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **11487**

*K. Ghosh*  
Head of Department  
Department of Civil Engineering  
Netaji Subhas Institute of Technology

*K. Ghosh*  
**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jul-Oct 2023**  
**(12 week course)**

*R. Pathania*  
**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)

*R. K. Singh*  
Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna



Indian Institute of Technology Roorkee





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SWETA**

for successfully completing the course

**Soft Skills**

with a consolidated score of **58** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 23.63/25 | Proctored Exam | 34.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **11487**

*Kaushik*

Prof. Kaushik Ghosh,  
Professor (Chemistry)  
Coordinator CEC

**Jul-Oct 2023**  
**(12 week course)**

*R. Ranjana*  
Principal  
Netaji Subhas Institute of Technology  
Anandapur, West Bengal

*R. Ranjana*

Prof. Ranjana Pathania,  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee







Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**JYOTI NAINA**

for successfully completing the course

**Soft Skills**

with a consolidated score of **68** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 20.31/25 | Proctored Exam | 47.25/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **11487**

*Kaushik Ghosh*  
**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jul-Oct 2023**  
(12 week course)

*R.K. Singh*  
Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna

*Ranjana Pathania*  
**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL23HS145S844303051

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

**PRIYA BHARTI**

for successfully completing the course

**Soft Skills**

with a consolidated score of **54** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 24.35/25 | Proctored Exam | 30/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: 11487

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jul-Oct 2023**

**(12 week course)**

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee

Principal  
Netaji Subhas Institute of Technology



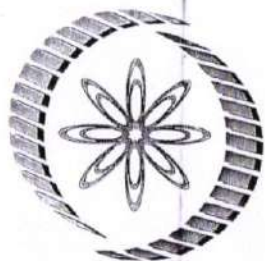
Roll No: NPTEL23HS145S744301305

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

**AMAN KUMAR**

for successfully completing the course

**Soft Skills**

with a consolidated score of **61** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 24.56/25 | Proctored Exam | 36/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **11487**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jul-Oct 2023**

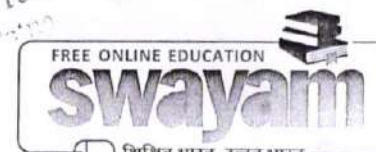
**(12 week course)**

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee

Principal  
Netaji Subhas Institute of Technology  
Amhara, Bhubaneswar



Roll No: NPTEL23HS145S844300979

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

**AMISHA BHARTI**

for successfully completing the course

**Soft Skills**

with a consolidated score of **62** %

|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 23.75/25 | Proctored Exam | 38.25/75 |
|--------------------|----------|----------------|----------|

Total number of candidates certified in this course: **11487**

Prof. Kaushik Ghosh,  
Professor (Chemistry)  
Coordinator CEC

**Jul-Oct 2023**

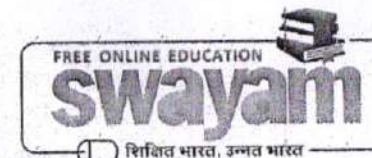
**(12 week course)**

Prof. Ranjana Pathania,  
Professor (BSBE)  
Coordinator (NPTEL)

Principal  
Netaji Subhas Institute of Technology  
Amham



Indian Institute of Technology Roorkee



Roll No: NPTEL23HS145S744300263

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

**DIVAKAR KUMAR**

for successfully completing the course

**Soft Skills**

with a consolidated score of **55 %**

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 23.31/25 | Proctored Exam | 31/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **11487**

Head of Department  
Department of Electrical and Communication Engineering  
Netaji Subhas Institute of Technology

*Ghosh*  
**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jul-Oct 2023**  
**(12 week course)**

*R. Ranjana*  
Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihra, Patna

*R. Ranjana*  
**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL23EE232G45878124

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

**RAUNAK KUMAR**

for successfully completing the course

**Soft Skills**

with a consolidated score of **58** %

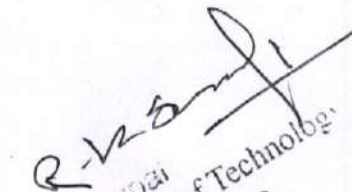
|                    |          |                |          |
|--------------------|----------|----------------|----------|
| Online Assignments | 23.13/25 | Proctored Exam | 35.25/75 |
|--------------------|----------|----------------|----------|

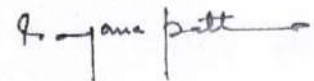
Total number of candidates certified in this course: **11487**

Head of Department  
Department of Electronics & Communication Engineering  
Netaji Subhas Institute of Technology

  
**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jul-Oct 2023**  
**(12 week course)**

  
Principal  
Netaji Subhas Institute of Technology  
Amhara, Bihra, Patna

  
**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL23HS145S744301379

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

**SHUBHAM KUMAR**

for successfully completing the course

**Technical English for Engineers**

with a consolidated score of **64** %

|                    |          |                |         |
|--------------------|----------|----------------|---------|
| Online Assignments | 23.33/25 | Proctored Exam | 40.5/75 |
|--------------------|----------|----------------|---------|

Total number of candidates certified in this course: **3288**

*Devendra Jalihal*

**Prof. Devendra Jalihal**

Chairperson,  
Centre for Outreach and Digital Education, IITM

**Aug-Oct 2023**

**(8 week course)**

*R. M. Sanyal*  
Principal

Netaji Subhas Institute of Technology  
Amhara, Bihta, Patna

*Prof. Andrew Thangaraj*

**Prof. Andrew Thangaraj**

NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23HS115S544300584

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

**ANKIT KUMAR**

for successfully completing the course

**Training and Development**

with a consolidated score of **85** %

|                    |       |                |       |
|--------------------|-------|----------------|-------|
| Online Assignments | 25/25 | Proctored Exam | 60/75 |
|--------------------|-------|----------------|-------|

Total number of candidates certified in this course: **2530**

Jan-Apr 2023

(12 week course)

**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23HS18S64410946

To validate the certificate



No. of credits recommended: 3 or 4





Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



Registration no - 20105103002

Semester - 5th

This certificate is awarded to

**GAUTAM KUMAR**

for successfully completing the course

## Training and Development

with a consolidated score of **82** %

|                    |       |                |       |
|--------------------|-------|----------------|-------|
| Online Assignments | 25/25 | Proctored Exam | 57/75 |
|--------------------|-------|----------------|-------|

Total number of candidates certified in this course: **2530**

Jan-Apr 2023

(12 week course)

**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur

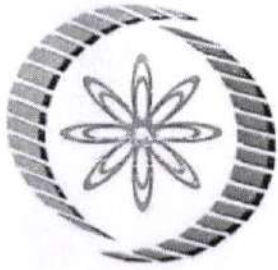


Roll No: NPTEL23HS18S64411234

To validate the certificate

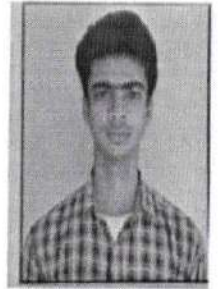


No. of credits recommended: 3 or 4



# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**RAHUL KUMAR**

*for successfully completing the course*

## Training and Development

with a consolidated score of **57** %

|                    |          |                |       |
|--------------------|----------|----------------|-------|
| Online Assignments | 24.38/25 | Proctored Exam | 33/75 |
|--------------------|----------|----------------|-------|

Total number of candidates certified in this course: **2530**

Jan-Apr 2023

(12 week course)

**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



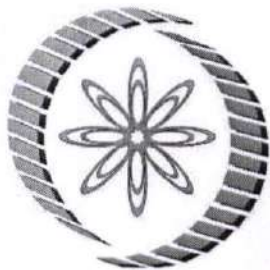
Roll No: NPTEL23HS18S54410302

To validate the certificate



No. of credits recommended: 3 or 4





# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**ADARSH KUMAR**

for successfully completing the course

## Training and Development

with a consolidated score of **55** %

|                    |       |                |       |
|--------------------|-------|----------------|-------|
| Online Assignments | 25/25 | Proctored Exam | 30/75 |
|--------------------|-------|----------------|-------|

Total number of candidates certified in this course: **2530**

Jan-Apr 2023

(12 week course)

**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23HS18S53580019

To validate the certificate



No. of credits recommended: 3 or 4