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: NPTEL19CS40S11240020

To
ANIRUDDHA CHATTERJEE
69 BIPLABI ULLASKAR DUTTA
ROAD,KOLKATA-86
KOLKATA
WEST BENGAL
700086
PH. NO :8389952872

| 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

## ANIRUDDHA CHATTERJEE

for successfully completing the course

## Programming, Data Structures and Algorithms Using Python

with a consolidated score of **70** %

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

Total number of candidates certified in this course: **2779**

Devendra Jalihal

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

**Jul-Sep 2019**
**(8 week course)**

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

Indian Institute of Technology Madras

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19CS40S11560003

To
AKASH ROY
BARASAT KALIBARI ROAD KOLKATA
BARASAT
NORTH 24 PARGANAS
WEST BENGAL
700124
PH. NO :9163611726

| 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)

AKASH ROY

*This certificate is awarded to*

## AKASH ROY

*for successfully completing the course*

## Programming, Data Structures and Algorithms Using Python

*with a consolidated score of* **65** %

| Online Assignments | 19.88/25 | Programming Exam | 25/25 | Proctored Exam | 20/50 |
|---|---|---|---|---|---|

*Total number of candidates certified in this course:* **2779**

Devendra Jalihal

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

**Jul-Sep 2019**
**(8 week course)**

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

Indian Institute of Technology Madras

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19CS40S11560077

To
OGNEEV BHADRA
55,STATION ROAD (WEST)
NEW BARRACKPORE
NORTH 24 PARGANAS
WEST BENGAL
700131
PH. NO :6291003722

| 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*

## OGNEEV BHADRA

*for successfully completing the course*

## Programming, Data Structures and Algorithms Using Python

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

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

*Total number of candidates certified in this course:* **2779**

Devendra Jalihal

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

**Jul-Sep 2019**
**(8 week course)**

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

Indian Institute of Technology Madras

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19CS40S11560258

To
SOMBIT BOSE
2/2 R DR PANCHANAN MITRA LANE
KOLKATA
WEST BENGAL
700085
PH. NO :8583855422

| 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)

TOP TOPPER 5%

*This certificate is awarded to*

## SOMBIT BOSE

*for successfully completing the course*

## Programming, Data Structures and Algorithms Using Python

*with a consolidated score of* **90** %

| Online Assignments | 25/25 | Programming Exam | 25/25 | Proctored Exam | 40/50 |
|---|---|---|---|---|---|

*Total number of candidates certified in this course:* **2779**

Devendra Jalihal

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

**Jul-Sep 2019**
**(8 week course)**

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

Indian Institute of Technology Madras

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19CS40S11560378

To
SAYAK MUKHOPADHYAY
SARASWATYA
SARASWATYA
MIDNAPORE
WEST BENGAL
721634
PH. NO :9083824342

| 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*

## SAYAK MUKHOPADHYAY

*for successfully completing the course*

## Programming, Data Structures and Algorithms Using Python

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

| Online Assignments | 22.88/25 | Programming Exam | 25/25 | Proctored Exam | 21.25/50 |
|---|---|---|---|---|---|

*Total number of candidates certified in this course:* **2779**

Devendra Jalihal

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

**Jul-Sep 2019**
**(8 week course)**

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

Indian Institute of Technology Madras

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19CS40S11560380

To
AATM PRAKASH MISHRA
89/269/270,BANGUR PARK,BUILDING NAME
-PARK TOWER,RISHRA
HOOGHLY
WEST BENGAL
712248
PH. NO :9007626875

| 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*

## AATM PRAKASH MISHRA

*for successfully completing the course*

## Programming, Data Structures and Algorithms Using Python

*with a consolidated score of* **68** %

| Online Assignments | 20.88/25 | Programming Exam | 25/25 | Proctored Exam | 22.5/50 |
|---|---|---|---|---|---|

*Total number of candidates certified in this course:* **2779**

Devendra Jalihal

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

**Jul-Sep 2019**
**(8 week course)**

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

Indian Institute of Technology Madras

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19CS40S21490032

To
DEBMALYA SUR
66/5 GIRISH GHOSAL ROAD, NAIHATI, NORTH
24 PGS, KOLKATA, WEST BENGAL
NAIHATI
NORTH 24 PARGANAS
WEST BENGAL
743165
PH. NO :9432463373

| 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*

## DEBMALYA SUR

*for successfully completing the course*

## Programming, Data Structures and Algorithms Using Python

*with a consolidated score of* **78** %

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

*Total number of candidates certified in this course:* **2779**

Devendra Jalihal

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

**Jul-Sep 2019**
**(8 week course)**

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

Indian Institute of Technology Madras

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19CS40S21560333

To
MONISH GHOSH
ABDALPUR, NATUNPALLY
KOLKATA
NORTH 24 PARGANAS
WEST BENGAL
700155
PH. NO :7003402129

| 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*

## MONISH GHOSH

*for successfully completing the course*

## Programming, Data Structures and Algorithms Using Python

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

| Online Assignments | 22.88/25 | Programming Exam | 25/25 | Proctored Exam | 21.25/50 |
|---|---|---|---|---|---|

*Total number of candidates certified in this course:* **2779**

Devendra Jalihal

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

**Jul-Sep 2019**
**(8 week course)**

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

Indian Institute of Technology Madras

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19CS40S21560379

To
SAYAN MONDAL
HOUSE NO-104,GARBAGAN,CHIKRAND
JANAI
HOOGHLY
WEST BENGAL
712304
PH. NO :9163441006

| 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*

## SAYAN MONDAL

*for successfully completing the course*

## Programming, Data Structures and Algorithms Using Python

*with a consolidated score of* **83** %

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

*Total number of candidates certified in this course:* **2779**

Devendra Jalihal

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

**Jul-Sep 2019**
**(8 week course)**

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

Indian Institute of Technology Madras

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19CS40S21560391

To
GOURAB CHATTERJEE
248/23,VINTAGE TOWER,SHIBTALA STREET
BHADRAKALI
HOOGHLY
WEST BENGAL
712232
PH. NO :9836149627

| 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*

## GOURAB CHATTERJEE

*for successfully completing the course*

## Programming, Data Structures and Algorithms Using Python

*with a consolidated score of* **70** %

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

*Total number of candidates certified in this course:* **2779**

Devendra Jalihal

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

**Jul-Sep 2019**
**(8 week course)**

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

Indian Institute of Technology Madras

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19CS40S21560459

To
SANTANU GHOSH
80 CEN
BADAMTALA,RAJARHAT
NORTH 24 PARGANAS
WEST BENGAL
700135
PH. NO :8697246955

| 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*

## SANTANU GHOSH

*for successfully completing the course*

## Programming, Data Structures and Algorithms Using Python

*with a consolidated score of* **72** %

| Online Assignments | 22.88/25 | Programming Exam | 25/25 | Proctored Exam | 23.75/50 |
|---|---|---|---|---|---|

*Total number of candidates certified in this course:* **2779**

Devendra Jalihal

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

**Jul-Sep 2019**
**(8 week course)**

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

Indian Institute of Technology Madras

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19CS40S21560589

To
DWAIPAYAN MONDAL
NISCHINTAPUR ROAD, NEAR STAR AGRANI
SANGHA
RAJPUR
SOUTH 24 PARGANAS
WEST BENGAL
700149
PH. NO :9836433159

| 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*

## DWAIPAYAN MONDAL

*for successfully completing the course*

## Programming, Data Structures and Algorithms Using Python

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

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

*Total number of candidates certified in this course:* **2779**

Devendra Jalihal

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

**Jul-Sep 2019**
**(8 week course)**

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

Indian Institute of Technology Madras

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19CS40S21560787

To
AMAN SHARMA
76/1,COLLEGE ROAD
HOWRAH
WEST BENGAL
711103
PH. NO :7059785007

| 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*

## AMAN SHARMA

*for successfully completing the course*

## Programming, Data Structures and Algorithms Using Python

*with a consolidated score of* **78** %

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

*Total number of candidates certified in this course:* **2779**

Devendra Jalihal

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

**Jul-Sep 2019**
**(8 week course)**

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

Indian Institute of Technology Madras

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19CS40S21560789

To
AYAN MONDAL
1, NASKARHAT
KOLKATA
WEST BENGAL
700039
PH. NO :8017110295

| 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*

## AYAN MONDAL

*for successfully completing the course*

## Programming, Data Structures and Algorithms Using Python

*with a consolidated score of* **74** %

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

*Total number of candidates certified in this course:* **2779**

Devendra Jalihal

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

**Jul-Sep 2019**
**(8 week course)**

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

Indian Institute of Technology Madras

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19CS41S61653329

To
PRATYUSHA SINHA
NILACHAL ABASAN, FLAT NO-10,2 NO,
RABINDRANATH TAGORE ROAD
S.D.D.M
NORTH 24 PARGANAS
WEST BENGAL
700077
PH. NO :8777726127

| 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*

## PRATYUSHA SINHA

*for successfully completing the course*

## The Joy of Computing Using Python

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

| Online Assignments | 22.5/25 | Programming Exam | 25/25 | Proctored Exam | 31/50 |
|---|---|---|---|---|---|

*Total number of candidates certified in this course:* **8505**

Devendra Jalihal

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

**Jul-Oct 2019**
**(12 week course)**

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

Indian Institute of Technology Madras

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19CS43S31650268

To
SOURAV SARANGI
12,VILL-RAMPUR,PO-BARABHUM,PURULIA,WB
RAMPUR
PURULIA
WEST BENGAL
723127
PH. NO :9709626151

| 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*

## SOURAV SARANGI

*for successfully completing the course*

## Problem Solving Through Programming in C

*with a consolidated score of* 60 %

| Online Assignments | 24.56/25 | Proctored Exam | 35.5/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* 1527

A. Goswami

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

**Jul-Oct 2019**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19CS43S31650456

To
DIMITRI GHOSH
DIMITRI GHOSH,
NEAR KD COLLEGE OF COMMERCE ,
KSHUDIRAMNAGAR
MIDNAPORE
WEST BENGAL
721101
PH. NO :9733060995

| 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*

## DIMITRI GHOSH

*for successfully completing the course*

## Problem Solving Through Programming in C

*with a consolidated score of* 60 %

| Online Assignments | 22.79/25 | Proctored Exam | 36.75/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* 1527

A. Goswami

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

**Jul-Oct 2019**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19CS43S31650296

To
NITESH KUMAR RAI
49/5/H/189,KARL MARX SARANI
KOLKATA
WEST BENGAL
700023
PH. NO :7003301140

| 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*

## NITESH KUMAR RAI

*for successfully completing the course*

## Problem Solving Through Programming in C

*with a consolidated score of* 70 %

| Online Assignments | 24.78/25 | Proctored Exam | 45/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* 1527

A. Goswami

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

**Jul-Oct 2019**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19CS43S31650438

To
AKASH MUKHERJEE
23/22B OLD NIMTA ROAD
BELGHARIA
NORTH 24 PARGANAS
WEST BENGAL
700056
PH. NO :9088715366

| 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*

## AKASH MUKHERJEE

*for successfully completing the course*

## Problem Solving Through Programming in C

*with a consolidated score of* 72 %

| Online Assignments | 24.34/25 | Proctored Exam | 47.25/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* 1527

A. Goswami

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

**Jul-Oct 2019**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19CS43S31650304

To
SANKHADEEP MAZUMDER
51/2G SOUTH ROAD
SANTOSHPUR
KOLKATA
WEST BENGAL
700075
PH. NO :8017390306

| 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*

## SANKHADEEP MAZUMDER

*for successfully completing the course*

## Problem Solving Through Programming in C

*with a consolidated score of* 65 %

| Online Assignments | 20.38/25 | Proctored Exam | 44.25/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* 1527

A. Goswami

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

**Jul-Oct 2019**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL19CS43S31650304

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: NPTEL19CS43S41650550

To
SAYAN PAUL
EAST ALIPUR, 3RD LANE,

NIMTA
NORTH 24 PARGANAS
WEST BENGAL
700049
PH. NO :8777697098

| 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*

## SAYAN PAUL

*for successfully completing the course*

## Problem Solving Through Programming in C

*with a consolidated score of* **54** %

| Online Assignments | 16.49/25 | Proctored Exam | 37.5/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* **1527**

A. Goswami

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

**Jul-Oct 2019**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19CS43S31650492

To
SOUHARDYA MANDAL
73 A C BANERJEE LANE, RASHMONI BAZAR,
BELEGHATA, KOLKATA-700010
KOLKATA
WEST BENGAL
700010
PH. NO :7797739361

| 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*

## SOUHARDYA MANDAL

*for successfully completing the course*

## Problem Solving Through Programming in C

*with a consolidated score of* 73 %

| Online Assignments | 24.68/25 | Proctored Exam | 48/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* 1527

A. Goswami

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

**Jul-Oct 2019**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL19CS43S31650492

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: NPTEL19CS43S31450096

To
BRATATI CHAKRABORTY
FLAT NO. - F2, SONARTARI APARTMENT, 1, N
C MITRA LANE
KONNAGAR
HOOGHLY
WEST BENGAL
712235
PH. NO :7003315700

| 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*

## BRATATI CHAKRABORTY

*for successfully completing the course*

## Problem Solving Through Programming in C

*with a consolidated score of* 65 %

| Online Assignments | 25/25 | Proctored Exam | 39.75/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* 1527

A. Goswami

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

**Jul-Oct 2019**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19CS43S31650546

To
SINJINI DAM
PRADIP ABASAN,FLAT NO. 1D,21DURGABARI ROAD
DUMDUM
NORTH 24 PARGANAS
WEST BENGAL
700028
PH. NO :8017613544

| 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*

## SINJINI DAM

*for successfully completing the course*

## Problem Solving Through Programming in C

*with a consolidated score of* **54** %

| Online Assignments | 23.38/25 | Proctored Exam | 30.75/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* **1527**

A. Goswami

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

**Jul-Oct 2019**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19CS43S31650618

To
MANIK GOENKA
FLAT 2C, 25/1 SWAMI VIVEKANANDA ROAD,
KASUNDIA
HOWRAH
WEST BENGAL
711101
PH. NO :8100560312

| 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)

TOP TOPPER 2%

*This certificate is awarded to*

**MANIK GOENKA**

*for successfully completing the course*

## Problem Solving Through Programming in C

*with a consolidated score of* **86** %

| Online Assignments | 25/25 | Proctored Exam | 60.75/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* **1527**

A. Goswami

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

**Jul-Oct 2019**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19CS43S31650624

To
MOUMITA DAS
49 P.K GUHA ROAD, DUM DUM DEB INDIA
GARDEN BLOCK-II,FLAT-4/D, KOLKATA-700028
KOLKATA
NORTH 24 PARGANAS
WEST BENGAL
700028
PH. NO :6291412677

| 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*

## MOUMITA DAS

*for successfully completing the course*

## Problem Solving Through Programming in C

*with a consolidated score of* 68 %

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

*Total number of candidates certified in this course:* 1527

A. Goswami

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

**Jul-Oct 2019**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19CS43S41650596

To
ARIJIT GHOSH
100/3, NEW BASUDEBPUR ROAD, P.O. &P.S.
-BELGHARIA, KOLKATA,PIN-700056
NORTH 24 PARGANAS
WEST BENGAL
700056
PH. NO :9836150820

| 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*

## ARIJIT GHOSH

*for successfully completing the course*

## Problem Solving Through Programming in C

*with a consolidated score of* 57 %

| Online Assignments | 24.38/25 | Proctored Exam | 32.25/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* 1527

A. Goswami

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

**Jul-Oct 2019**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19CS43S41650604

To
SAYANTAN ROY
ARUNACHAL
ARUNACHAL SODEPUR ROAD
MADHYAMGRAM
NORTH 24 PARGANAS
WEST BENGAL
700130
PH. NO :6291047526

| 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*

## SAYANTAN ROY

*for successfully completing the course*

## Problem Solving Through Programming in C

*with a consolidated score of* **55** %

| Online Assignments | 24.67/25 | Proctored Exam | 30.75/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* **1527**

A. Goswami

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

**Jul-Oct 2019**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19CS43S41650616

To
RIKTAM KUNDU
6 M.G ROAD, PATNA VIVEKANANDA PALLY,
P.O-NIMTA, KOLKATA-700049
NIMTA
NORTH 24 PARGANAS
WEST BENGAL
700049
PH. NO :8777016712

| 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*

## RIKTAM KUNDU

*for successfully completing the course*

## Problem Solving Through Programming in C

*with a consolidated score of* 78 %

| Online Assignments | 24.67/25 | Proctored Exam | 53.25/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* 1527

A. Goswami

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

**Jul-Oct 2019**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL19CS43S41650616

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: NPTEL19CS43S41650620

To
DEBASHIS GANGULY
BG-173,P.O-KRISHNAPUR,KOLKATA-700102
KOLKATA
WEST BENGAL
700102
PH. NO :9748777055

| 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*

## DEBASHIS GANGULY

*for successfully completing the course*

## Problem Solving Through Programming in C

*with a consolidated score of* **66** %

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

*Total number of candidates certified in this course:* **1527**

A. Goswami

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

**Jul-Oct 2019**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19CS53S61654109

To
RASHED MEHDI
16/1D, KUSTIA ROAD
KOLKATA
WEST BENGAL
700039
PH. NO :9830710414

| 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)

TOP TOPPER 5%

*This certificate is awarded to*

**RASHED MEHDI**

*for successfully completing the course*

## Introduction to Machine Learning

*with a consolidated score of* **82** %

| Online Assignments | 21.94/25 | Proctored Exam | 60.13/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* **1217**

Devendra Jalihal

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

**Jul-Oct 2019**
**(12 week course)**

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

Indian Institute of Technology Madras

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19CS59S41650110

To
ANINDITA TUDU
VILL.+P.O.- JANAI SHASMAL PARA,
P.S. - CHANDITALA, DIST.-HOOGHLY, PIN-712304,
JANAI
HOOGHLY
WEST BENGAL
712304
PH. NO :9748896193

| 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*

## ANINDITA TUDU

*for successfully completing the course*

## Python for Data Science

*with a consolidated score of* **53** %

| Online Assignments | 17/25 | Programming Exam | 23.25/25 | Proctored Exam | 12.25/50 |
|---|---|---|---|---|---|

*Total number of candidates certified in this course:* **4426**

Devendra Jalihal

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

**Aug-Sep 2019**
**(4 week course)**

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

Indian Institute of Technology Madras

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19CS59S41650116

To
TANISHA SARKAR
18/3 P. K. ROY CHOWDHURY 2ND BYE LANE.
B. GARDEN , SHIBPUR
HOWRAH
WEST BENGAL
711103
PH. NO :8902116700

| 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*

## TANISHA SARKAR

*for successfully completing the course*

## Python for Data Science

*with a consolidated score of* **73** %

| Online Assignments | 23/25 | Programming Exam | 20/25 | Proctored Exam | 29.59/50 |
|---|---|---|---|---|---|

*Total number of candidates certified in this course:* **4426**

Devendra Jalihal

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

**Aug-Sep 2019**
**(4 week course)**

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

Indian Institute of Technology Madras

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19CS81S32070082

To
SUBRATA SARKAR
E1-23/A, D.P.L COLONY, DURGAPUR
DURGAPUR
BARDHAMAN
WEST BENGAL
713202
PH. NO :9002824700

| 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*

## SUBRATA SARKAR

*for successfully completing the course*

## Practical Machine Learning with Tensorflow

*with a consolidated score of* 49 %

| Online Assignments | 14.58/25 | Proctored Exam | 34.55/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* 761

Devendra Jalihal

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

**Aug-Oct 2019**
**(8 week course)**

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

Indian Institute of Technology Madras

Google

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19EE51S41651002

To
MANTHAN CHOWDHARY
KHEYAGHAT, SULTANPUR
GUPTIPARA
HOOGHLY
WEST BENGAL
712512
PH. NO :9735104212

| 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*

## MANTHAN CHOWDHARY

*for successfully completing the course*

## Digital Circuits

*with a consolidated score of* **64** %

| Online Assignments | 16.03/25 | Proctored Exam | 48/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* **2864**

A. Goswami

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

**Jul-Oct 2019**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19EE51S31651126

To
ANIRUDDHA CHATTERJEE
69 BIPLABI ULLASKAR DUTTA
ROAD,KOLKATA-86
KOLKATA
WEST BENGAL
700086
PH. NO :8389952872

| 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*

## ANIRUDDHA CHATTERJEE

*for successfully completing the course*

## Digital Circuits

*with a consolidated score of* 65 %

| Online Assignments | 20.03/25 | Proctored Exam | 45/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* 2864

A. Goswami

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

**Jul-Oct 2019**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL19EE51S31651126

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: NPTEL19EE51S31651128

To
TAPAJYOTI BOSE
152 H SARAT GHOSH GARDEN ROAD
KOLKATA
WEST BENGAL
700031
PH. NO :9007407205

| 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*

## TAPAJYOTI BOSE

*for successfully completing the course*

## Digital Circuits

*with a consolidated score of* 75 %

| Online Assignments | 22.06/25 | Proctored Exam | 52.5/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* 2864

A. Goswami

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

**Jul-Oct 2019**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19HS32S61651759

To
SANDEEP SHAW
23/1/A/H/17 COSSIPORE ROAD
COSSIPORE
KOLKATA
WEST BENGAL
700002
PH. NO :9330535100

| 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)

TOP TOPPER 1%

*This certificate is awarded to*

## SANDEEP SHAW

*for successfully completing the course*

## Developing Soft Skills and Personality

*with a consolidated score of* **94** %

| Online Assignments | 23.83/25 | Proctored Exam | 70.5/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* **15357**

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

**Aug-Oct 2019**
**(8 week course)**

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

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19HS32S61651963

To
ANIRUDDHA SARKAR
63, DR. GOPAL CHATTERJEE ROAD, P.O.
SUKCHAR
SODPUR
NORTH 24 PARGANAS
WEST BENGAL
700115
PH. NO :9432326524

| 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*

## ANIRUDDHA SARKAR

*for successfully completing the course*

## Developing Soft Skills and Personality

*with a consolidated score of* 82 %

| Online Assignments | 15.00/25 | Proctored Exam | 66.75/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* 15357

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

**Aug-Oct 2019**
**(8 week course)**

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

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19HS32S61652383

To
SUBHADIP NAYEK
MONIDEEP, BEHIND BARUIPUR SUPER
SPECIALITY HOSPITAL
BARUIPUR
SOUTH 24 PARGANAS
WEST BENGAL
700144
PH. NO :7908948489

| 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*

## SUBHADIP NAYEK

*for successfully completing the course*

## Developing Soft Skills and Personality

*with a consolidated score of* 82 %

| Online Assignments | 23.00/25 | Proctored Exam | 59.25/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* 15357

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

**Aug-Oct 2019**
**(8 week course)**

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

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19MA33S51650396

To
SOHAN MISRA
169/C BIDHAN PARK
BARASAT
NORTH 24 PARGANAS
WEST BENGAL
700124
PH. NO :8334042063

| 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*

## SOHAN MISRA

*for successfully completing the course*

## Introduction to R Software

*with a consolidated score of* 92 %

| Online Assignments | 24.83/25 | Proctored Exam | 66.75/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* 1097

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

**Aug-Oct 2019**
**(8 week course)**

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

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19MA33S61650385

To
DEEPANJAN SAHA
72, MAIN ROAD (WEST) ,
NEAR MASUNDA BOYS HIGH SCHOOL
NEW BARRACKPUR
NORTH 24 PARGANAS
WEST BENGAL
700131
PH. NO :7605871385

| 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*

## DEEPANJAN SAHA

*for successfully completing the course*

## Introduction to R Software

*with a consolidated score of* **81** %

| Online Assignments | 25.00/25 | Proctored Exam | 55.5/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* **1097**

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

**Aug-Oct 2019**
**(8 week course)**

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

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL19MA33S61650385

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: NPTEL19MA33S61653732

To
ARGHA CHAKRABORTY
3A/7 RISHI ARABINDA NAGAR, PO.O-AMRAI
DURGAPUR
BARDHAMAN
WEST BENGAL
713203
PH. NO :7074507826

| 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*

## ARGHA CHAKRABORTY

*for successfully completing the course*

## Introduction to R Software

*with a consolidated score of* **93** %

| Online Assignments | 25.00/25 | Proctored Exam | 68.25/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* **1097**

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

**Aug-Oct 2019**
**(8 week course)**

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

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL19MA33S61653732

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: NPTEL19MA33S61653740

To
SURAJ KUMAR OJHA
RAJBANGSHIPARA TARULIA FIRST LANE
KOLKATA
WEST BENGAL
700102
PH. NO :6291412122

| 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*

## SURAJ KUMAR OJHA

*for successfully completing the course*

## Introduction to R Software

*with a consolidated score of* 66 %

| Online Assignments | 24.58/25 | Proctored Exam | 41.25/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* 1097

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

**Aug-Oct 2019**
**(8 week course)**

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

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL19MA33S61653740

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: NPTEL19MA33S61653746

To
RITIK ROSHAN SAHU
GAHAMARI NAGAR HATIARA SARIF RAJARHAT
GOPALPUR(M), NORTH 24 PARGANAS
KOLKATA
NORTH 24 PARGANAS
WEST BENGAL
700157
PH. NO :8240471768

| 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)

TOP TOPPER 1%

*This certificate is awarded to*

**RITIK ROSHAN SAHU**

*for successfully completing the course*

## Introduction to R Software

*with a consolidated score of* **99** %

| Online Assignments | 25.00/25 | Proctored Exam | 73.5/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* **1097**

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

**Aug-Oct 2019**
**(8 week course)**

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

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19MA33S61653756

To
ADITYA KUMAR SHAW
42/27 BEDIA DANGA 2ND LANE
KOLKATA

WEST BENGAL
700039
PH. NO :7044521428

| 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*

## ADITYA KUMAR SHAW

*for successfully completing the course*

## Introduction to R Software

*with a consolidated score of* **61** %

| Online Assignments | 24.58/25 | Proctored Exam | 36/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* **1097**

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

**Aug-Oct 2019**
**(8 week course)**

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

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL19MA33S61653756

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: NPTEL19MA33S61653758

To
ABHIRUP MONDAL
44/1 HARITAKI BAGAN LANE
KOLKATA
WEST BENGAL
700006
PH. NO :9748264683

| 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*

## ABHIRUP MONDAL

*for successfully completing the course*

## Introduction to R Software

*with a consolidated score of* **55** %

| Online Assignments | 18.38/25 | Proctored Exam | 36.75/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* **1097**

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

**Aug-Oct 2019**
**(8 week course)**

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

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19MA33S61653774

To
PRITAM GHOSH
12/1/2/2 AMULYA CHARAN ROY LANE,
KADAMTALA
HOWRAH
WEST BENGAL
711101
PH. NO :9330063682

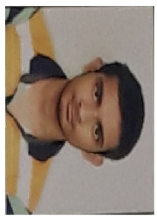
| Score | Type of Certificate |
|---|---|
| >=90 | Elite+Gold |
| 75-89 | Elite+Silver |
| >=60 | Elite |
| 40-59 | Successfully Completed |
| <40 | No Certificate |

**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*

## PRITAM GHOSH

*for successfully completing the course*

## Introduction to R Software

*with a consolidated score of* **89** %

| Online Assignments | 25.00/25 | Proctored Exam | 63.75/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* **1097**

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

**Aug-Oct 2019**
**(8 week course)**

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

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL19MA33S61653774

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: NPTEL19MA33S61653776

To
ASHISH SAH
3/E CHATTU BABU LANE
KOLKATA
WEST BENGAL
700014
PH. NO :8274849756

| 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*

## ASHISH SAH

*for successfully completing the course*

## Introduction to R Software

*with a consolidated score of* **84** %

| Online Assignments | 25.00/25 | Proctored Exam | 58.5/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* **1097**

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

**Aug-Oct 2019**
**(8 week course)**

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

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL19MA33S61653776

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: NPTEL19MA33S61653800

To
SHUBHRIMA JANA
31 PARASAR ROAD, 4TH FLOOR
KOLKATA
WEST BENGAL
700029
PH. NO :9674029417

| 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*

## SHUBHRIMA JANA

*for successfully completing the course*

## Introduction to R Software

*with a consolidated score of* **92** %

| Online Assignments | 24.83/25 | Proctored Exam | 67.5/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* **1097**

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

**Aug-Oct 2019**
**(8 week course)**

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

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19MA33S61653814

To
ROSHAN MISHRA
51/71/B N.S ROAD RISHRA HOOGHLY
RISHRA
HOOGHLY
WEST BENGAL
712248
PH. NO :8420070594

| 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*

## ROSHAN MISHRA

*for successfully completing the course*

## Introduction to R Software

*with a consolidated score of* **90** %

| Online Assignments | 25.00/25 | Proctored Exam | 65.25/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* **1097**

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

**Aug-Oct 2019**
**(8 week course)**

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

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19MA33S61653718

To
SANDEEP SHARMA
44/12/1, D.C. DEY ROAD
KOLKATA
WEST BENGAL
700015
PH. NO :9674417830

| 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)

TOP TOPPER 2%

*This certificate is awarded to*

## SANDEEP SHARMA

*for successfully completing the course*

## Introduction to R Software

*with a consolidated score of* **97** %

| Online Assignments | 25.00/25 | Proctored Exam | 72/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* **1097**

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

**Aug-Oct 2019**
**(8 week course)**

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

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19MA33S61653726

To
TANMOY BHUINYA
0037
MANSINGHAPUR
HOWRAH
WEST BENGAL
711404
PH. NO :7074939572

| 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*

## TANMOY BHUINYA

*for successfully completing the course*

## Introduction to R Software

*with a consolidated score of* 77 %

| Online Assignments | 25.00/25 | Proctored Exam | 51.75/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* 1097

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

**Aug-Oct 2019**
**(8 week course)**

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

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19MA33S61653736

To
RONIT ROY
637/1, EAST NATIONAL PARK, PO + PS.
NAIHATI
NAIHATI
NORTH 24 PARGANAS
WEST BENGAL
743165
PH. NO :7980330814

| 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*

**RONIT ROY**

*for successfully completing the course*

## Introduction to R Software

*with a consolidated score of* **54** %

| Online Assignments | 16.46/25 | Proctored Exam | 37.5/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* **1097**

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

**Aug-Oct 2019**
**(8 week course)**

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

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19MA33S61653766

To
SOUJIT DUTTA
PLOT NO- 550, BASUNAGAR
MADHYAMGRAM
KOLKATA
WEST BENGAL
700129
PH. NO :9903108001

| 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*

## SOUJIT DUTTA

*for successfully completing the course*

## Introduction to R Software

*with a consolidated score of* 67 %

| Online Assignments | 23.75/25 | Proctored Exam | 43.5/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* 1097

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

**Aug-Oct 2019**
**(8 week course)**

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

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19MA33S61653772

To
SUMIT MANDAL
SALBAGAN, BISHNUPUR, BANKURA
BANKURA
WEST BENGAL
722122
PH. NO :9647643906

| 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 MANDAL

*for successfully completing the course*

## Introduction to R Software

*with a consolidated score of* 83 %

| Online Assignments | 25.00/25 | Proctored Exam | 57.75/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* 1097

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

**Aug-Oct 2019**
**(8 week course)**

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

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL19MA33S61653772

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: NPTEL19MA33S61653790

To
RITOBROTO MUKHERJEE
67/1, HARI PADA DUTTA LANE
TOLLYGUNGE
KOLKATA
WEST BENGAL
700033
PH. NO :9038973169

| 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*

## RITOBROTO MUKHERJEE

*for successfully completing the course*

## Introduction to R Software

*with a consolidated score of* **91** %

| Online Assignments | 25.00/25 | Proctored Exam | 66/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* **1097**

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

**Aug-Oct 2019**
**(8 week course)**

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

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19MA33S61653804

To
RIYA PANJA
16/1, PROVAT CHANDRA DEY LANE, KOLKATA - 700036
KOLKATA
NORTH 24 PARGANAS
WEST BENGAL
700036
PH. NO :7044113777

| 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*

**RIYA PANJA**

*for successfully completing the course*

## Introduction to R Software

*with a consolidated score of* **89** %

| Online Assignments | 25.00/25 | Proctored Exam | 63.75/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* **1097**

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

**Aug-Oct 2019**
**(8 week course)**

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

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19MA33S61653812

To
BISWAJIT DANDAPAT
NH - 5
JHARGRAM

WEST BENGAL
721516
PH. NO :7478051298

| 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*

## BISWAJIT DANDAPAT

*for successfully completing the course*

## Introduction to R Software

*with a consolidated score of* **60** %

| Online Assignments | 25.00/25 | Proctored Exam | 34.5/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* **1097**

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

**Aug-Oct 2019**
**(8 week course)**

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

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19MA33S61653716

To
AMILY MALLICK CHOWDHURY
105/1 BIDHAN NAGAR ROAD
E-104
KOLKATA
WEST BENGAL
700067
PH. NO :7003276067

| 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*

## AMILY MALLICK CHOWDHURY

*for successfully completing the course*

## Introduction to R Software

*with a consolidated score of* 67 %

| Online Assignments | 20.04/25 | Proctored Exam | 46.5/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* 1097

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

**Aug-Oct 2019**
**(8 week course)**

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

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19MA33S61653738

To
SOUMIL BISWAS
WESTWIND, BLOCK 3/2B, 78, RAJA S.C.
MULLICK ROAD, KOLKATA - 700084
KOLKATA
WEST BENGAL
700084
PH. NO :8961547291

| 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*

## SOUMIL BISWAS

*for successfully completing the course*

## Introduction to R Software

*with a consolidated score of* 76 %

| Online Assignments | 24.38/25 | Proctored Exam | 51.75/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* 1097

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

**Aug-Oct 2019**
**(8 week course)**

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

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19MA33S61653742

To
ARIJIT MUKHERJEE
QRS NO DN 2 SBSTC COLONY DR. B.C.ROY AVENUE
DURGAPUR
BARDHAMAN
WEST BENGAL
713201
PH. NO :7047273423

| 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*

## ARIJIT MUKHERJEE

*for successfully completing the course*

## Introduction to R Software

*with a consolidated score of* **80** %

| Online Assignments | 25.00/25 | Proctored Exam | 54.75/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* **1097**

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

**Aug-Oct 2019**
**(8 week course)**

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

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19MA33S61653744

To
ARJUN PAL
MEMARI - MONTESWAR ROAD
MADHYAM GRAM
BARDHAMAN
WEST BENGAL
713422
PH. NO :8327322182

| 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*

**ARJUN PAL**

*for successfully completing the course*

## Introduction to R Software

*with a consolidated score of* **81** %

| Online Assignments | 25.00/25 | Proctored Exam | 56.25/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* **1097**

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

**Aug-Oct 2019**
**(8 week course)**

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

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL19MA33S61653744

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: NPTEL19MA33S61653754

To
ARUNODAY GHORAI
SGIL RESIDENZA BLOCK-1 FLAT-3G 66/63
JANGALPUR ROAD,
KOLKATA
WEST BENGAL
700081
PH. NO :8902387551

| 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*

## ARUNODAY GHORAI

*for successfully completing the course*

## Introduction to R Software

*with a consolidated score of* **81** %

| Online Assignments | 24.79/25 | Proctored Exam | 56.25/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* **1097**

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

**Aug-Oct 2019**
**(8 week course)**

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

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19MA33S61653760

To
SAGNIK GHOSH
63A SOUTH SINTHEE ROAD . FLAT AKANSHA
KOLKATA

WEST BENGAL
700030
PH. NO :7890274750

| 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*

## SAGNIK GHOSH

*for successfully completing the course*

## Introduction to R Software

*with a consolidated score of* 63 %

| Online Assignments | 24.33/25 | Proctored Exam | 39/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* 1097

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

**Aug-Oct 2019**
**(8 week course)**

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

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19MA33S61653768

To
SITAM SARDAR
15A, BEDIADANGA, 2ND LANE
KOLKATA
WEST BENGAL
700039
PH. NO :9062717912

| 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*

## SITAM SARDAR

*for successfully completing the course*

## Introduction to R Software

*with a consolidated score of* **89** %

| Online Assignments | 24.21/25 | Proctored Exam | 64.5/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* **1097**

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

**Aug-Oct 2019**
**(8 week course)**

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

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19MA33S61653778

To
PRAJESH BANDHU BANERJEE
25/1 BELIAGHATA MAIN ROAD
KOLKATA
WEST BENGAL
700010
PH. NO :8961861200

| 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*

## PRAJESH BANDHU BANERJEE

*for successfully completing the course*

## Introduction to R Software

*with a consolidated score of* **78** %

| Online Assignments | 25.00/25 | Proctored Exam | 52.5/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* **1097**

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

**Aug-Oct 2019**
**(8 week course)**

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

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19MA33S61653780

To
PARTHA BHOWMICK
VILL-CHHEKATI, P.O-CHHEKATI,
P.S-GAIGHATA, DIST-NORTH 24 PGS,
PIN-743245
CHHEKATI
NORTH 24 PARGANAS
WEST BENGAL
743245
PH. NO :7001380564

| 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*

## PARTHA BHOWMICK

*for successfully completing the course*

## Introduction to R Software

*with a consolidated score of* 83 %

| Online Assignments | 25.00/25 | Proctored Exam | 57.75/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* 1097

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

**Aug-Oct 2019**
**(8 week course)**

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

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19MA33S61653784

To
SHUBHODEEP CHANDA
12, NEPAL CHANDRA CHATTERJEE STREET,
ARIADAHA
KOLKATA
NORTH 24 PARGANAS
WEST BENGAL
700057
PH. NO :9830370545

| 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*

## SHUBHODEEP CHANDA

*for successfully completing the course*

## Introduction to R Software

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

| Online Assignments | 24.58/25 | Proctored Exam | 60/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* **1097**

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

**Aug-Oct 2019**
**(8 week course)**

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

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19MA33S61653792

To
DEV SAHA
6,RAM KRISHNA SARANI , NALTA
DURGANAGAR
NORTH 24 PARGANAS
WEST BENGAL
700028
PH. NO :9875605927

| 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*

## DEV SAHA

*for successfully completing the course*

## Introduction to R Software

*with a consolidated score of* 77 %

| Online Assignments | 24.79/25 | Proctored Exam | 52.5/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* 1097

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

**Aug-Oct 2019**
**(8 week course)**

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

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL19MA33S61653792

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: NPTEL19MA33S61653806

To
RAHUL KUMAR BURNWAL
S/O PANKAJ KUMAR BURNWAL,
C.H. KALLA, NAZRUL SARANI ROAD, ASANSOL
KALLA
BARDHAMAN
WEST BENGAL
713340
PH. NO :9641126309

| 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*

## RAHUL KUMAR BURNWAL

*for successfully completing the course*

## Introduction to R Software

*with a consolidated score of* 71 %

| Online Assignments | 20.25/25 | Proctored Exam | 51/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* 1097

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

**Aug-Oct 2019**
**(8 week course)**

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

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19MA33S51450343

To
JYOTISHMAN SARKAR
N0055, WARD NO5, CHOUTARA ROAD
CHOUTARA
HOOGHLY
WEST BENGAL
712405
PH. NO :7602278786

| 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*

## JYOTISHMAN SARKAR

*for successfully completing the course*

## Introduction to R Software

*with a consolidated score of* **55** %

| Online Assignments | 24.58/25 | Proctored Exam | 30/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* **1097**

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

**Aug-Oct 2019**
**(8 week course)**

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

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19MA33S51650875

To
SOMNATH BERA
ISHANPARA
SANTOSHPUR
HOOGHLY
WEST BENGAL
712410
PH. NO :8609460144

| 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*

## SOMNATH BERA

*for successfully completing the course*

## Introduction to R Software

*with a consolidated score of* 75 %

| Online Assignments | 24.83/25 | Proctored Exam | 50.25/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* 1097

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

**Aug-Oct 2019**
**(8 week course)**

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

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19MA33S51651321

To
AKASH KUMAR SEN
NODU DOCTORS GULLY
DWARIGERIA
MIDNAPORE
WEST BENGAL
721253
PH. NO :9064861263

| 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*

## AKASH KUMAR SEN

*for successfully completing the course*

## Introduction to R Software

*with a consolidated score of* 68 %

| Online Assignments | 23.54/25 | Proctored Exam | 44.25/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* 1097

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

**Aug-Oct 2019**
**(8 week course)**

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

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19MA33S51651323

To
KUNAL KAYAL
24 NO LAT KAYALPARA
24 NO LAT KAYALPARA
SOUTH 24 PARGANAS
WEST BENGAL
743383
PH. NO :9091888288

| 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*

## KUNAL KAYAL

*for successfully completing the course*

## Introduction to R Software

*with a consolidated score of* **86** %

| Online Assignments | 24.00/25 | Proctored Exam | 62.25/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* **1097**

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

**Aug-Oct 2019**
**(8 week course)**

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

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19MA33S51651327

To
SUBHADIP NAYEK
MONIDEEP, BEHIND BARUIPUR SUPER
SPECIALITY HOSPITAL
BARUIPUR
SOUTH 24 PARGANAS
WEST BENGAL
700144
PH. NO :7908948489

| 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*

## SUBHADIP NAYEK

*for successfully completing the course*

## Introduction to R Software

*with a consolidated score of* **55** %

| Online Assignments | 17.75/25 | Proctored Exam | 37.5/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* **1097**

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

**Aug-Oct 2019**
**(8 week course)**

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

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19MA33S61290342

To
BUDDHADIP MUKHERJEE
HOUSE NO.- N-0009, P.O.- BARJORA,
SHIBTALA ROAD, NEAR BARJORA POLICE
STATION
BARJORA
BANKURA
WEST BENGAL
722202
PH. NO :7001420105

| 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*

## BUDDHADIP MUKHERJEE

*for successfully completing the course*

## Introduction to R Software

*with a consolidated score of* **83** %

| Online Assignments | 24.58/25 | Proctored Exam | 58.5/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* **1097**

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

**Aug-Oct 2019**
**(8 week course)**

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

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19MA33S61653818

To
RAHUL DALAL
8A,CHITROLEKHA APARTMENT; 73A ,ABINASH CHANDRA BANERJEE LN
KOLKATA
WEST BENGAL
700010
PH. NO :9932749878

| 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*

## RAHUL DALAL

*for successfully completing the course*

## Introduction to R Software

*with a consolidated score of* 65 %

| Online Assignments | 24.79/25 | Proctored Exam | 40.5/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* 1097

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

**Aug-Oct 2019**
**(8 week course)**

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

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19MA33S61653824

To
ANUBHAB DAS
C/O: GOPAL CHANDRA DAS
VIVEKANANDA PALLY
SONARPUR
SOUTH 24 PARGANAS
WEST BENGAL
700150
PH. NO :9903267691

| 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*

## ANUBHAB DAS

*for successfully completing the course*

## Introduction to R Software

*with a consolidated score of* **89** %

| Online Assignments | 25.00/25 | Proctored Exam | 63.75/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* **1097**

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

**Aug-Oct 2019**
**(8 week course)**

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

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No: NPTEL19MA33S61653824

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: NPTEL19MA33S61653826

To
SWARNADEEP SEN
75, PALLY MANGAL COLONY,
THAKURPUKUR
KOLKATA
WEST BENGAL
700063
PH. NO :6291363117

| 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)

TOP TOPPER 5%

*This certificate is awarded to*

**SWARNADEEP SEN**

*for successfully completing the course*

## Introduction to R Software

*with a consolidated score of* **95** %

| Online Assignments | 25.00/25 | Proctored Exam | 69.75/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* **1097**

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

**Aug-Oct 2019**
**(8 week course)**

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

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19MA33S61653828

To
ARUNIMA CHAUDHURI
G208, PUSHPAKALAYA, BARASAT BARACKPORE ROAD
BARASAT
KOLKATA
WEST BENGAL
700126
PH. NO :8967985081

| 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*

## ARUNIMA CHAUDHURI

*for successfully completing the course*

## Introduction to R Software

*with a consolidated score of* 75 %

| Online Assignments | 24.46/25 | Proctored Exam | 50.25/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* 1097

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

**Aug-Oct 2019**
**(8 week course)**

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

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19MA33S61653834

To
PRITAM BISWAS
SONA GAON FLAT-4 ,16,GOALAPARA ROAD
SASTITALA ,
BELGHARIA
NORTH 24 PARGANAS
WEST BENGAL
700056
PH. NO :8582866904

| 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*

## PRITAM BISWAS

*for successfully completing the course*

## Introduction to R Software

*with a consolidated score of* **84** %

| Online Assignments | 25.00/25 | Proctored Exam | 58.5/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* **1097**

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

**Aug-Oct 2019**
**(8 week course)**

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

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19MM14S31651405

To
SOURAV MONDAL
QUARTER NUMBER - 51/52 G TYPE, C.I.S.F.
COMPLEX, MINT COLONY, GORAGACHA ROAD
TARTALA
KOLKATA
WEST BENGAL
700053
PH. NO :7079881036

| 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*

## SOURAV MONDAL

*for successfully completing the course*

## An Introduction to Materials: Nature and Properties (Part 1: Structure of Materials)

*with a consolidated score of* **48** %

| Online Assignments | 18.46/25 | Proctored Exam | 30/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* **74**

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

**Aug-Oct 2019**
**(8 week course)**

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

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL19MM14S31651407

To
PARANTAP DEV
KHUDIRAM SARANI
BALURGHAT
DAKSHIN DINAJPUR
WEST BENGAL
733101
PH. NO :8918686101

| 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*

## PARANTAP DEV

*for successfully completing the course*

## An Introduction to Materials: Nature and Properties (Part 1: Structure of Materials)

*with a consolidated score of* 43 %

| Online Assignments | 12.54/25 | Proctored Exam | 30/75 |
|---|---|---|---|

*Total number of candidates certified in this course:* 74

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

**Aug-Oct 2019**
**(8 week course)**

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

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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: NPTEL20CS06S1006253

To
SAYAN DEY
N0058
MOYDAH
SOUTH 24 PARGANAS
WEST BENGAL - 743337
PH. NO :7679039012

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

**SAYAN DEY**

*for passing the course*

## Problem Solving through Programming in C

*with Score** **85** %

A. Goswami

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

**Jan-Apr 2020**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS06S1095446

To

RIYA MONDAL
BARO FINGA SOUTHPARA ,NIMTA
NORTH DUMDUM(M)
NORTH 24 PARGANAS
WEST BENGAL - 700049
PH. NO :8777075962

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## RIYA MONDAL

*for passing the course*

## Problem Solving through Programming in C

*with Score** **96** %

A. Goswami

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

**Jan-Apr 2020**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS06S1114170

To

SOUVIK PANDA
16,EAST PURBACHAL CANEL ROAD 1ST LANE
P.O.HALTU KOLKATA700078
KOLKATA
WEST BENGAL-700078
PH. NO :9836809472

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## SOUVIK PANDA

*for passing the course*

## Problem Solving through Programming in C

*with Score** **93** %

A. Goswami

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

**Jan-Apr 2020**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS06S1149864

To

SATHI ROY
67A PHOOL BAGAN ROAD, BAGHAJATIN
KOLKATA
WEST BENGAL-700086
PH. NO :9330684829

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## SATHI ROY

*for passing the course*

## Problem Solving through Programming in C

*with Score** **98** %

A. Goswami

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

**Jan-Apr 2020**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS06S1380576

To

AMILY MALLICK CHOWDHURY
1051 BIDHAN NAGAR ROADE104
KOLKATA
WEST BENGAL-700067
PH. NO :7003276067

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## AMILY MALLICK CHOWDHURY

*for passing the course*

## Problem Solving through Programming in C

*with Score** **55** %

A. Goswami

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

**Jan-Apr 2020**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS06S1533633

To

SURAJIT BERA
VILL NISCHINTA P.O KHAGRAGERIA P.SSABANG
VILL:- NISCHINTA
MIDNAPORE
WEST BENGAL - 721144
PH. NO :9749549432

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

**SURAJIT BERA**

*for passing the course*

## Problem Solving through Programming in C

*with Score** **46** %

A. Goswami

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

**Jan-Apr 2020**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS06S1662238

To
ALANGKRITA SARKAR
ITINDA ROAD
ASHRAMPARA
NORTH 24 PARGANAS
WEST BENGAL - 743411
PH. NO :8918609958

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## ALANGKRITA SARKAR

*for passing the course*

## Problem Solving through Programming in C

*with Score** **46** %

A. Goswami

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

**Jan-Apr 2020**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS06S1709452

To

ANIRUDDHA SARKAR
63, DR. GOPAL CHATTERJEE ROAD, P.O.
SUKCHAR
SODPUR
NORTH 24 PARGANAS
WEST BENGAL - 700115
PH. NO :9432326524

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## ANIRUDDHA SARKAR

*for passing the course*

## Problem Solving through Programming in C

*with Score** **92** %

A. Goswami

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

**Jan-Apr 2020**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS06S1863015

To

TAPAJYOTI GHOSH
PODPARA,KANUI
BANKA,DHANIAKHALI,HOOGHLYP.S.
DHANIAKHALI
PODPARA
HOOGHLY
WEST BENGAL - 712301
PH. NO :6295761988

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## TAPAJYOTI GHOSH

*for passing the course*

## Problem Solving through Programming in C

*with Score** **92** %

A. Goswami

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

**Jan-Apr 2020**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS06S1877072

To

SAYAK MONDAL
107B DR G.S BOSE ROAD
KOLKATA
WEST BENGAL-700039
PH. NO :9831567888

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## SAYAK MONDAL

*for passing the course*

## Problem Solving through Programming in C

*with Score** **99** %

A. Goswami

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

**Jan-Apr 2020**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS06S1988425

To

AYUSH JHA
HOUSE NO. 0341 PAINI KUMARI SIMULBARI
SUKNA
SILIGURI
DARJEELING
WEST BENGAL - 734009
PH. NO :8637835583

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

**AYUSH JHA**

*for passing the course*

## Problem Solving through Programming in C

*with Score** **96** %

A. Goswami

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

**Jan-Apr 2020**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS08S1132430

To

MAHASWATA KUNDU.
HATIARA ROAD(SUBHASPALLY),NEAR 30C OR
30C1 BUS STAND.
SUBHASPALLY
NORTH 24 PARGANAS
WEST BENGAL - 700157
PH. NO :7980459508

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## MAHASWATA KUNDU.

*for passing the course*

## Programming in Java

*with Score** **88** %

A. Goswami

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

**Jan-Apr 2020**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS08S1136554

To

KOYENA MITRA
FLAT NO202,MAA SARADA
APPARTMENT,SUBHASPALLY MAIN
ROAD,SUBHASPALLY,BURNPUR
ASANSOL
BARDHAMAN
WEST BENGAL - 713325
PH. NO :8371065046

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## KOYENA MITRA

*for passing the course*

## Programming in Java

*with Score** **92** %

A. Goswami

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

**Jan-Apr 2020**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS08S1260386

To

PRITAM DOLUI
722, BARADA BASAK STREET
BARANAGAR, KOLKATA
NORTH 24 PARGANAS
WEST BENGAL - 700036
PH. NO :7278033734

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

**PRITAM DOLUI**

*for passing the course*

**Programming in Java**

*with Score** **98** %

A. Goswami

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

**Jan-Apr 2020**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS08S1421888

To

LABANI SAMANTA
8 NO PAGLADANGA ROAD
BASHUDHAPALLYKOLKATA
KOLKATA
WEST BENGAL-700105
PH. NO :8240892853

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## LABANI SAMANTA

*for passing the course*

## Programming in Java

*with Score** **98** %

A. Goswami

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

**Jan-Apr 2020**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS08S1498165

To

PRITAM JANA
WARD NO03
VILLAGE-KRISHNANAGAR
MIDNAPORE
WEST BENGAL - 721212
PH. NO :9874631619

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

**PRITAM JANA**

*for passing the course*

## Programming in Java

*with Score** **96** %

A. Goswami

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

**Jan-Apr 2020**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS08S1518601

To

RUBINA KHATOON
29, TOLLYGUNGE CIRCULAR ROAD
KOLKATA
WEST BENGAL-700053
PH. NO :6291607407

**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)

Rubina Khatoon
23-02-2018

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## RUBINA KHATOON

*for passing the course*

## Programming in Java

*with Score** **99** %

A. Goswami

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

**Jan-Apr 2020**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS08S1581249

To

TIRTHADWEEP PRAMANIK
CONITAI DAS PRAMANIK, HOTAPAN KUMAR ROY,BUDHBARHUTTALA
BETHUADAHARI
NADIA
WEST BENGAL - 741126
PH. NO :8967190139

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## TIRTHADWEEP PRAMANIK

*for passing the course*

## Programming in Java

*with Score** **98** %

A. Goswami

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

**Jan-Apr 2020**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS08S1613529

To

KRISHNENDU DASPRADHAN
NEAR BHOLA KUNDU LOKNATH MANDIR, KALBAT
TOTO STAND, KALYANI EXPRESS HIGHWAY
UTTAR PRATAPGARH
NORTH 24 PARGANAS
WEST BENGAL - 700049
PH. NO :6289874996

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## KRISHNENDU DASPRADHAN

*for passing the course*

## Programming in Java

*with Score** **99** %

A. Goswami

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

**Jan-Apr 2020**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS08S1687720

To

PUSPITA POLLEY
451 KALI BANERJEE LANE,HOWRAH
HOWRAH
WEST BENGAL-711101
PH. NO :9123906951

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

**PUSPITA POLLEY**

*for passing the course*

**Programming in Java**

*with Score** **100** %

A. Goswami

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

**Jan-Apr 2020**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS08S1725078

To

SOHAM DAS
A101, FLAT NO. C2 , KALYANI , NADIA.
KALYANI
NADIA
WEST BENGAL - 741235
PH. NO :9007196216

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## SOHAM DAS

*for passing the course*

## Programming in Java

*with Score** **80** %

A. Goswami

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

**Jan-Apr 2020**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS08S1970678

To

SUMIT PAUL
20KHUDIRAM SARANI, DUM DUM, AIRPORT GATE
NO. 1
KOLKATA
NORTH 24 PARGANAS
WEST BENGAL - 700079
PH. NO :9088925230

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## SUMIT PAUL

*for passing the course*

## Programming in Java

*with Score** **94** %

A. Goswami

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

**Jan-Apr 2020**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS10S1004423

To

DEBSMITA BANERJEE
591, BIREN ROY ROAD (WEST)
KOLKATA
WEST BENGAL-700008
PH. NO :9748388682

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## DEBSMITA BANERJEE

*for passing the course*

## Introduction to Algorithms and Analysis

*with Score** **96** %

A. Goswami

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

**Jan-Apr 2020**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS10S1145232

To

MOLAY MONDAL
RABINDRA NAGAR TALBAGAN
KOLKATA
WEST BENGAL-700049
PH. NO :6290432691

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## MOLAY MONDAL

*for passing the course*

## Introduction to Algorithms and Analysis

*with Score** **98** %

A. Goswami

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

**Jan-Apr 2020**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS10S1316077

To

SOHAM SINHA
599 AVENUE SOUTHFLAT 2A
SANTOSHPUR
KOLKATA
WEST BENGAL - 700075
PH. NO :8777096905

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## SOHAM SINHA

*for passing the course*

## Introduction to Algorithms and Analysis

*with Score** **99** %

A. Goswami

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

**Jan-Apr 2020**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS10S1393521

To

SUBHADIP NAYEK
MONIDEEP, BEHIND BARUIPUR SUPER SPECIALITY HOSPITAL
BARUIPUR
SOUTH 24 PARGANAS
WEST BENGAL - 700144
PH. NO :7908948489

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## SUBHADIP NAYEK

*for passing the course*

## Introduction to Algorithms and Analysis

*with Score** **90** %

A. Goswami

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

**Jan-Apr 2020**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS10S1422142

To

RAJASHI CHATTERJEE
I002 KUNTAL3, SUBARNABHOOMI HOUSING
COMPLEX, 36 GORAKSHABASI ROAD
KOLKATA
NORTH 24 PARGANAS
WEST BENGAL - 700028
PH. NO :9163855820

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## RAJASHI CHATTERJEE

*for passing the course*

## Introduction to Algorithms and Analysis

*with Score** **98** %

A. Goswami

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

**Jan-Apr 2020**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS10S1545965

To

SANGRAM MODAK
VILL +P.O PUINI , BLOCK KATWA 1 ,
DISTRICT PURBA BARDHAMAN, WEST BENGAL
PUINI
BARDHAMAN
WEST BENGAL - 713143
PH. NO :8617602064

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## SANGRAM MODAK

*for passing the course*

## Introduction to Algorithms and Analysis

*with Score** **96** %

A. Goswami

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

**Jan-Apr 2020**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS10S1732829

To

ARIJIT DUTTA
479G ,SANYAL VILLA,DR.SURESH CHANDRA
BANERJEE ROAD
KOLKATA
WEST BENGAL-700010
PH. NO :9382642059

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## ARIJIT DUTTA

*for passing the course*

## Introduction to Algorithms and Analysis

*with Score** **100** %

A. Goswami

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

**Jan-Apr 2020**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS10S1874567

To

SANKHADEEP MAZUMDER
512G SOUTH ROAD
SANTOSHPUR
KOLKATA
WEST BENGAL - 700075
PH. NO :8017390306

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## SANKHADEEP MAZUMDER

*for passing the course*

## Introduction to Algorithms and Analysis

*with Score** **85** %

A. Goswami

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

**Jan-Apr 2020**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS10S1883539

To

SOUMYAJIT SINGHA ROY
271H.25 BELIAGHATA MAIN ROAD
KOLKATA
WEST BENGAL-700010
PH. NO :6291755275

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## SOUMYAJIT SINGHA ROY

*for passing the course*

## Introduction to Algorithms and Analysis

*with Score** **87** %

A. Goswami

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

**Jan-Apr 2020**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS10S1914874

To

RONAK BANERJEE
479 G,SANYAL VILLA,DR SURESH CHANDRA
BANERJEE ROAD,BELIAGHATA,KOLKATA700010
BELIAGHATA
KOLKATA
WEST BENGAL - 700010
PH. NO :8617092808

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

**RONAK BANERJEE**

*for passing the course*

## Introduction to Algorithms and Analysis

*with Score** **100** %

A. Goswami

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

**Jan-Apr 2020**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS10S1955856

To

SWATIK GANGULY
POST OFFICE ROAD
NORTH HABRA
NORTH 24 PARGANAS
WEST BENGAL - 743263
PH. NO :8918399758

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## SWATIK GANGULY

*for passing the course*

## Introduction to Algorithms and Analysis

*with Score** **95** %

A. Goswami

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

**Jan-Apr 2020**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS10S1963271

To

DEBASHIS GANGULY
BG173,P.OKRISHNAPUR,KOLKATA700102
KOLKATA
WEST BENGAL-700102
PH. NO :9748777055

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## DEBASHIS GANGULY

*for passing the course*

## Introduction to Algorithms and Analysis

*with Score** **100** %

A. Goswami

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

**Jan-Apr 2020**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS20S1100063

To

ANINDITA TUDU
VILL.+P.O. JANAI SHASMAL PARA,P.S.
CHANDITALA, DIST.HOOGHLY, PIN 712304
JANAI
HOOGHLY
WEST BENGAL - 712304
PH. NO :9748896193

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## ANINDITA TUDU

*for passing the course*

## Cloud Computing

*with Score** **88** %

A. Goswami

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

**Feb-Apr 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS26S1269803

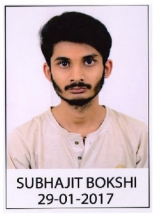
To

SUBHAJIT BOKSHI
73 A C BANERJEE LANE, BELEGHATA RASHMONI BAZAR, KOLKATA700010
KOLKATA
WEST BENGAL-700010
PH. NO :9116450742

**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)




Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## SUBHAJIT BOKSHI

*for passing the course*

## Programming, Data Structures and Algorithms using Python

*with Score** **96** %

Devendra Jalihal

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

**Jan-Mar 2020**
**(8 week course)**

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

Indian Institute of Technology Madras

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS26S1723857

To

MANTHAN CHOWDHARY
KHEYAGHAT, SULTANPUR
GUPTIPARA
HOOGHLY
WEST BENGAL - 712512
PH. NO :9735104212

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## MANTHAN CHOWDHARY

*for passing the course*

## Programming, Data Structures and Algorithms using Python

*with Score** **92** %

Devendra Jalihal

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

**Jan-Mar 2020**
**(8 week course)**

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

Indian Institute of Technology Madras

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS26S1747159

To

AJAY KUMAR KANJILAL
73,A.C BANERJEE LANE, BELEGHATA
KOLKATA
WEST BENGAL-700010
PH. NO :7318639801

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## AJAY KUMAR KANJILAL

*for passing the course*

## Programming, Data Structures and Algorithms using Python

*with Score** **96** %

Devendra Jalihal

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

**Jan-Mar 2020**
**(8 week course)**

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

Indian Institute of Technology Madras

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS26S1794387

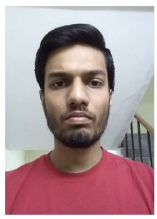
To

REET ROY
GCECT BOY'S HOSTEL, 77,ABHINASH CHANDRA BANERJEE LN, RASMONI BAZAAR ,BELIAGHATA
KOLKATA
WEST BENGAL-700010
PH. NO :7585080997

**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)



Covid-19 impacted January 2020 semester

*This certificate is awarded to*

**REET ROY**

*for passing the course*

## Programming, Data Structures and Algorithms using Python

*with Score** **96** %

Devendra Jalihal

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

**Jan-Mar 2020**
**(8 week course)**

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

Indian Institute of Technology Madras

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS26S1988645

To

SHREYA GANGOPADHYAY
MS127, BENGAL AMBUJA, CITY CENTRE
DURGAPUR
BARDHAMAN
WEST BENGAL - 713216
PH. NO :7557095575

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## SHREYA GANGOPADHYAY

*for passing the course*

## Programming, Data Structures and Algorithms using Python

*with Score** **96** %

Devendra Jalihal

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

**Jan-Mar 2020**
**(8 week course)**

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

Indian Institute of Technology Madras

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS28S1125248

To

MOHINI DAS
BAGDIPARA ROAD
HALISAHAR
NORTH 24 PARGANAS
WEST BENGAL - 743134
PH. NO :7980194665

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## MOHINI DAS

*for passing the course*

## Data Science for Engineers

*with Score** **80** %

Devendra Jalihal

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

**Jan-Mar 2020**
**(8 week course)**

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

Indian Institute of Technology Madras

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS28S1150861

To

BRATATI GHOSH
541A,PATHURIA GHATA STREET
KOLKATA
WEST BENGAL-700006
PH. NO :9038349043

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

**BRATATI GHOSH**

*for passing the course*

## Data Science for Engineers

*with Score** **83** %

Devendra Jalihal

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

**Jan-Mar 2020**
**(8 week course)**

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

Indian Institute of Technology Madras

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS28S1880045

To

SONTU MISTRY
STREET NO. 67, NEW TOWN
RAMKRISHNA PALLY
NORTH 24 PARGANAS
WEST BENGAL - 700162
PH. NO :8622923347

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## SONTU MISTRY

*for passing the course*

## Data Science for Engineers

*with Score** **75** %

Devendra Jalihal

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

**Jan-Mar 2020**
**(8 week course)**

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

Indian Institute of Technology Madras

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS29S1543137

To

SHREYA GANGOPADHYAY
MS127, BENGAL AMBUJA, CITY CENTRE
DURGAPUR
BARDHAMAN
WEST BENGAL - 713216
PH. NO :7557095575

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## SHREYA GANGOPADHYAY

*for passing the course*

## Introduction to Machine Learning

*with Score** **71** %

Devendra Jalihal

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

**Jan-Apr 2020**
**(12 week course)**

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

Indian Institute of Technology Madras

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS29S1667910

To

BINITA PRATIHAR
RAGHUNATHPUR
JHARGRAM
MIDNAPORE
WEST BENGAL - 721507
PH. NO :7003977924

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## BINITA PRATIHAR

*for passing the course*

## Introduction to Machine Learning

*with Score** **85** %

Devendra Jalihal

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

**Jan-Apr 2020**
**(12 week course)**

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

Indian Institute of Technology Madras

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS29S1952244

To

ANIRUDDHA CHATTERJEE
69, BIPLABI ULLAS KAR DUTTA ROAD
BAGHAJATIN
KOLKATA
WEST BENGAL - 700086
PH. NO :8389952872

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## ANIRUDDHA CHATTERJEE

*for passing the course*

## Introduction to Machine Learning

*with Score** **62** %

Devendra Jalihal

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

**Jan-Apr 2020**
**(12 week course)**

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

Indian Institute of Technology Madras

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS35S1117971

To

SANDEEP SHAW
231AH17 COSSIPORE ROAD
COSSIPORE
KOLKATA
WEST BENGAL - 700002
PH. NO :9330535100

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

**SANDEEP SHAW**

*for passing the course*

## The Joy of Computing using Python

*with Score** **91** %

Devendra Jalihal

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

**Jan-Apr 2020**
**(12 week course)**

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

Indian Institute of Technology Madras

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS35S1209778

To

BIDESH BANERJEE
POST AND VILLAGE KAMPA, SENPARA
ROAD,KANCHRAPARA
KAMPA
NORTH 24 PARGANAS
WEST BENGAL - 743193
PH. NO :6291604980

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## BIDESH BANERJEE

*for passing the course*

## The Joy of Computing using Python

*with Score** **95** %

Devendra Jalihal

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

**Jan-Apr 2020**
**(12 week course)**

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

Indian Institute of Technology Madras

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS35S1236550

To

DEBDOOT ROY CHOWDHURY
14B
BIJOYGARH
KOLKATA
WEST BENGAL - 700032
PH. NO :9674056343

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## DEBDOOT ROY CHOWDHURY

*for passing the course*

## The Joy of Computing using Python

*with Score** **99** %

Devendra Jalihal

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

**Jan-Apr 2020**
**(12 week course)**

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

Indian Institute of Technology Madras

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS35S1364336

To

RISHAV JAIN
33, JALIAPARA 1ST BYE LANE, FAZIR BAZAR,
HOWRAH
HOWRAH
WEST BENGAL-711101
PH. NO :8240690594

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## RISHAV JAIN

*for passing the course*

## The Joy of Computing using Python

*with Score** **97** %

Devendra Jalihal

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

**Jan-Apr 2020**
**(12 week course)**

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

Indian Institute of Technology Madras

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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/

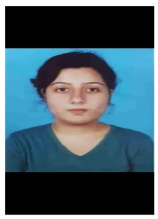
Roll No: NPTEL20CS35S1521796

To
ADRIJA CHATTERJEE
30A6, CHOWDHURY PARA STREET, UTTARPARA,
HOOGHLY712258
UTTARPARA
KOLKATA
WEST BENGAL - 712258
PH. NO :7687952655

**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)



Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## ADRIJA CHATTERJEE

*for passing the course*

## The Joy of Computing using Python

*with Score** **98** %

Devendra Jalihal

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

**Jan-Apr 2020**
**(12 week course)**

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

Indian Institute of Technology Madras

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS35S1766817

To

AAKASH MONDAL
45,SERPENTINE LANE,KOLKATA700014
KOLKATA
WEST BENGAL-700014
PH. NO :8017418602

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## AAKASH MONDAL

*for passing the course*

## The Joy of Computing using Python

*with Score** **99** %

Devendra Jalihal

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

**Jan-Apr 2020**
**(12 week course)**

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

Indian Institute of Technology Madras

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS53S1005625

To

BIKRAM DAS
143B1, PICNIC GARDEN ROAD, KOLKATAPICNIC GARDEN
KOLKATA
WEST BENGAL-700039
PH. NO :9804460361

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

**BIKRAM DAS**

*for passing the course*

## An Introduction to Programming through C++

*with Score** **80** %

**Jan-Apr 2020**
**(12 week course)**

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

Indian Institute of Technology Bombay

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20CS55S1214203

To

SOUMYA MUKHERJEE
126, KAMAR PARA ROAD,BEHALA MANTON
KOLKATA
WEST BENGAL-700034
PH. NO :8100092440

**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)

SOUMYA MUKHERJEE

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## SOUMYA MUKHERJEE

*for passing the course*

## Google Cloud Computing Foundation Course

*with Score** **93** %

A. Goswami

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

**Feb-Apr 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20GE02S1158276

To

MRITWIKA BHATTACHARYYA
SUKANYA ABASAN, FLAT NO 5, 637A P.G.H.
SHAH ROAD
KOLKATA
WEST BENGAL-700032
PH. NO :8777303499

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## MRITWIKA BHATTACHARYYA

*for passing the course*

## Ethics in Engineering Practice

*with Score** **90** %

A. Goswami

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

**Feb-Apr 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20GE02S1291341

To
AVIK MANNA
SHYAMPUR
SHYAMPUR
HOWRAH
WEST BENGAL - 711314
PH. NO :9064878517

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## AVIK MANNA

*for passing the course*

## Ethics in Engineering Practice

*with Score** **93** %

A. Goswami

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

**Feb-Apr 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20GE02S1358691

To

SAMIUL SARDAR
HARIPUKUR
CHAKBERIA
SOUTH 24 PARGANAS
WEST BENGAL - 743330
PH. NO :8945559823

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## SAMIUL SARDAR

*for passing the course*

## Ethics in Engineering Practice

*with Score** **93** %

A. Goswami

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

**Feb-Apr 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20GE02S1478133

To

SOURAV NASKAR
DIMIPARA
KALIKAPUR
SOUTH 24 PARGANAS
WEST BENGAL - 743330
PH. NO :7557808295

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## SOURAV NASKAR

*for passing the course*

## Ethics in Engineering Practice

*with Score** **93** %

A. Goswami

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

**Feb-Apr 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20GE02S1478410

To

DIPANKAR CHAUHAN
1DAKHIN DARI RISHI AUROBINDO COLONY
KOLKATA
WEST BENGAL-700048
PH. NO :6290856632

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## DIPANKAR CHAUHAN

*for passing the course*

## Ethics in Engineering Practice

*with Score** **92** %

A. Goswami

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

**Feb-Apr 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20GE02S1598611

To

MAINAK GHOSH
70A, PEARY MOHAN ROY ROAD
KOLKATA
WEST BENGAL-700027
PH. NO :6291281966

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## MAINAK GHOSH

*for passing the course*

## Ethics in Engineering Practice

*with Score** **88** %

A. Goswami

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

**Feb-Apr 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20GE02S1602709

To

RICK ROY
FLAT506,SABITRI MENSON,RADHA KRISHNO MORE
PURULIA
WEST BENGAL-723101
PH. NO :8967967936

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## RICK ROY

*for passing the course*

## Ethics in Engineering Practice

*with Score** **86** %

A. Goswami

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

**Feb-Apr 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20GE02S1608665

To

DEBOJYOTI GOON
18, PRINCE PARK. KALIKAPUR
KOLKATA
WEST BENGAL-700099
PH. NO :8972671436

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## DEBOJYOTI GOON

*for passing the course*

## Ethics in Engineering Practice

*with Score** **90** %

A. Goswami

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

**Feb-Apr 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20GE02S1683698

To

ROHIT ROUTH
118E ANANDA PALIT ROAD KOLKATA
,KOLKATA700014 WEST BENGAL,, PINCODE
700014
KOLKATA
WEST BENGAL-700014
PH. NO :8961544775

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## ROHIT ROUTH

*for passing the course*

## Ethics in Engineering Practice

*with Score** **92** %

A. Goswami

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

**Feb-Apr 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20GE02S1843060

To

PRATIM KUMAR MONDAL
1, HALDER PARA 2ND BYE LANE
KASUNDIA SHIBTALA
HOWRAH
WEST BENGAL - 711104
PH. NO :8777746925

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## PRATIM KUMAR MONDAL

*for passing the course*

## Ethics in Engineering Practice

*with Score** **88** %

A. Goswami

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

**Feb-Apr 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20GE02S1918893

To

SANJIB KUMAR MAITY
DEPAL SASANBAR
RAMNAGAR
MIDNAPORE
WEST BENGAL - 721453
PH. NO :9153519171

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## SANJIB KUMAR MAITY

*for passing the course*

## Ethics in Engineering Practice

*with Score** **93** %

A. Goswami

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

**Feb-Apr 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20GE08S1827797

To

SWARNADEEP SEN
75 PALLY MANGAL COLONY
THAKURPUKUR
KOLKATA
WEST BENGAL - 700063
PH. NO :6291363117

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## SWARNADEEP SEN

*for passing the course*

## Entrepreneurship Essentials

*with Score** **84** %

A. Goswami

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

**Jan-Apr 2020**
**(12 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS14S1007299

To

SHUBHRIMA JANA
31 PARASAR ROAD, 4TH FLOOR
KOLKATA
WEST BENGAL-700029
PH. NO :9674029417

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

**SHUBHRIMA JANA**

*for passing the course*

## Speaking Effectively

*with Score** **99** %

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS14S1009512

To

DEBDOOT ROY CHOWDHURY
14B
BIJOYGARH
KOLKATA
WEST BENGAL - 700032
PH. NO :9674056343

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## DEBDOOT ROY CHOWDHURY

*for passing the course*

## Speaking Effectively

*with Score** **99** %

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS14S1086916

To

ROSHAN MISHRA
5171B N.S ROAD RISHRA HOOGHLY
RISHRA
HOOGHLY
WEST BENGAL - 712248
PH. NO :8420070594

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## ROSHAN MISHRA

*for passing the course*

## Speaking Effectively

*with Score** **99** %

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS14S1110352

To

SANDEEP SHARMA
44121, D.C. DEY ROAD
KOLKATA
WEST BENGAL-700015
PH. NO :9674417830

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## SANDEEP SHARMA

*for passing the course*

## Speaking Effectively

*with Score** **99** %

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS14S1124830

To

SAYAN DEY
N0058
MOYDAH
SOUTH 24 PARGANAS
WEST BENGAL - 743337
PH. NO :7679039012

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

**SAYAN DEY**

*for passing the course*

**Speaking Effectively**

*with Score** **93** %

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS14S1129155

To

SAYAK MONDAL
107B DR G.S BOSE ROAD
KOLKATA
WEST BENGAL-700039
PH. NO :9831567888

**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*

## SAYAK MONDAL

*for passing the course*

## Speaking Effectively

*with Score** **99** %

Covid-19 impacted January 2020 semester

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS14S1177791

To

ARGHA CHAKRABORTY
3A7 RISHI ARABINDA NAGAR, PO.OAMRAI
DURGAPUR
BARDHAMAN
WEST BENGAL - 713203
PH. NO :7074507826

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## ARGHA CHAKRABORTY

*for passing the course*

## Speaking Effectively

*with Score** **99** %

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS14S1200613

To

ARUNODAY GHORAI
SGIL RESIDENZA BLOCK1 FLAT3G 6663
JANGALPUR ROAD,
KOLKATA
WEST BENGAL-700081
PH. NO :8902387551

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## ARUNODAY GHORAI

*for passing the course*

## Speaking Effectively

*with Score** **98** %

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS14S1318708

To

ALANGKRITA SARKAR
ITINDA ROAD
ASHRAMPARA
NORTH 24 PARGANAS
WEST BENGAL - 743411
PH. NO :8918609958

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## ALANGKRITA SARKAR

*for passing the course*

## Speaking Effectively

*with Score** **98** %

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS14S1353049

To

PROLAY MALLICK
3 NO. CHANDIGARH , JORAPUKUR,
MADHYAMGRAM
KOLKATA
NORTH 24 PARGANAS
WEST BENGAL - 700130
PH. NO :7044910026

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

**PROLAY MALLICK**

*for passing the course*

## Speaking Effectively

*with Score** **86** %

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS14S1355037

To

SAGNIK GHOSH
63A SOUTH SINTHEE ROAD . FLAT AKANSHA
KOLKATA
WEST BENGAL - 700030
PH. NO :7890274750

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## SAGNIK GHOSH

*for passing the course*

## Speaking Effectively

*with Score** **97** %

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS14S1390158

To

SUMIT MANDAL
SALBAGAN, BISHNUPUR, BANKURA
BANKURA
WEST BENGAL-722122
PH. NO :9647643906

**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*

## SUMIT MANDAL

*for passing the course*

## Speaking Effectively

*with Score** **98** %

Covid-19 impacted January 2020 semester

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS14S1401474

To

SUJIT DAS
N0040
FULESHWAR
HOWRAH
WEST BENGAL - 711316
PH. NO :9330464303

**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*

## SUJIT DAS

*for passing the course*

## Speaking Effectively

*with Score** **97** %

Covid-19 impacted January 2020 semester

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS14S1403713

To

PRAJESH BANDHU BANERJEE
251 BELIAGHATA MAIN ROAD
KOLKATA
WEST BENGAL-700010
PH. NO :8961861200

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## PRAJESH BANDHU BANERJEE

*for passing the course*

## Speaking Effectively

*with Score** **99** %

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS14S1420133

To

DEEPANJAN SAHA
72, MAIN ROAD (WEST) ,
NEAR MASUNDA BOYS' HIGH SCHOOL
NEW BARRACKPUR
NORTH 24 PARGANAS
WEST BENGAL - 700131
PH. NO :7605871385

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## DEEPANJAN SAHA

*for passing the course*

## Speaking Effectively

*with Score** **99** %

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS14S1508473

To

SOUHARDYA GANGULY
42218 NEW BALLYGUNGE ROAD
KOLKATA
WEST BENGAL-700042
PH. NO :9831240102

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## SOUHARDYA GANGULY

*for passing the course*

## Speaking Effectively

*with Score** **48** %

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS14S1527236

To

ASHISH SAH
3E CHATTU BABU LANE
KOLKATA
WEST BENGAL-700014
PH. NO :8274849756

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## ASHISH SAH

*for passing the course*

## Speaking Effectively

*with Score** **99** %

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS14S1614753

To

DEBOJIT BHATTACHARYA
2611 SHIBNATH MUKHERJEE LANE
BHADRAKALI ,HOOGHLY
HOOGHLY
WEST BENGAL - 712232
PH. NO :8697324769

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## DEBOJIT BHATTACHARYA

*for passing the course*

## Speaking Effectively

*with Score** **94** %

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS14S1616369

To

PARTHA BHOWMICK
VILLCHHEKATI, P.OCHHEKATI, P.SGAIGHATA,
DISTNORTH 24 PGS, PIN743245
CHHEKATI
NORTH 24 PARGANAS
WEST BENGAL - 743245
PH. NO :7001380564

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## PARTHA BHOWMICK

*for passing the course*

## Speaking Effectively

*with Score** **99** %

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS14S1686271

To

DEBASISH DAS
FALTA ROAD
SRIRAMPUR
SOUTH 24 PARGANAS
WEST BENGAL - 743504
PH. NO :8317804369

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## DEBASISH DAS

*for passing the course*

## Speaking Effectively

*with Score** **99** %

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS14S1734163

To

ARIJIT MUKHERJEE
QRS NO DN 2 SBSTC COLONY DR. B.C.ROY AVENUE
DURGAPUR
BARDHAMAN
WEST BENGAL - 713201
PH. NO :7047273423

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

**ARIJIT MUKHERJEE**

*for passing the course*

## Speaking Effectively

*with Score** **99** %

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS14S1822648

To

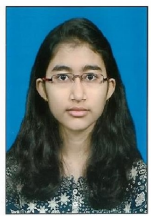
AMILY MALLICK CHOWDHURY
1051 BIDHAN NAGAR ROADE104
KOLKATA
WEST BENGAL-700067
PH. NO :7003276067

**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)



Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## AMILY MALLICK CHOWDHURY

*for passing the course*

## Speaking Effectively

*with Score** **99** %

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS14S1834910

To

BUDDHADIP MUKHERJEE
HOUSE NO. N0009, P.O. BARJORA, SHIBTALA
ROAD, NEAR BARJORA POLICE STATION
BARJORA
BANKURA
WEST BENGAL - 722202
PH. NO :7001420105

**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)

BUDDHADIP MUKHERJEE
17.09.2018

*This certificate is awarded to*

## BUDDHADIP MUKHERJEE

*for passing the course*

## Speaking Effectively

*with Score** **93** %

Covid-19 impacted January 2020 semester

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS14S1864054

To

TAPAJYOTI GHOSH
PODPARA,KANUI
BANKA,DHANIAKHALI,HOOGHLYP.S.
DHANIAKHALI
PODPARA
HOOGHLY
WEST BENGAL - 712301
PH. NO :6295761988

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## TAPAJYOTI GHOSH

*for passing the course*

## Speaking Effectively

*with Score** **95** %

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS14S1871366

To

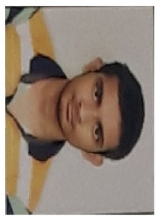
PRITAM GHOSH
12122 AMULYA CHARAN ROY LANE, KADAMTALA
HOWRAH
WEST BENGAL-711101
PH. NO :9330063682

**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)



Covid-19 impacted January 2020 semester

*This certificate is awarded to*

**PRITAM GHOSH**

*for passing the course*

**Speaking Effectively**

*with Score** **99** %

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS14S1883459

To

SWARNADEEP SEN
75 PALLY MANGAL COLONY
THAKURPUKUR
KOLKATA
WEST BENGAL - 700063
PH. NO :6291363117

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

**SWARNADEEP SEN**

*for passing the course*

**Speaking Effectively**

*with Score** **99** %

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS14S1925731

To

SOUVIK PANDA
16,EAST PURBACHAL CANEL ROAD 1ST LANE
P.O.HALTU KOLKATA700078
KOLKATA
WEST BENGAL-700078
PH. NO :9836809472

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

**SOUVIK PANDA**

*for passing the course*

**Speaking Effectively**

*with Score** **96** %

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS14S1955659

To

SURAJIT BERA
VILL NISCHINTA P.O KHAGRAGERIA P.SSABANG
VILL:- NISCHINTA
MIDNAPORE
WEST BENGAL - 721144
PH. NO :9749549432

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## SURAJIT BERA

*for passing the course*

## Speaking Effectively

*with Score** **98** %

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS14S1965810

To

ARJUN PAL
MEMARI MONTESWAR ROAD
MADHYAM GRAM
BARDHAMAN
WEST BENGAL - 713422
PH. NO :8327322182

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## ARJUN PAL

*for passing the course*

## Speaking Effectively

*with Score** **99** %

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS14S1969493

To

RITIK ROSHAN SAHU
GAHAMARI NAGAR HATIARA SARIF RAJARHAT
GOPALPUR(M), NORTH 24 PARGANAS
KOLKATA
NORTH 24 PARGANAS
WEST BENGAL - 700157
PH. NO :8240471768

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## RITIK ROSHAN SAHU

*for passing the course*

## Speaking Effectively

*with Score** **99** %

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS14S1991591

To

RAHUL DALAL
DHATRIGRAM, CHAL PARA, NABAWDIP MORECHAL PARA
DHATRIGRAM
KOLKATA
WEST BENGAL - 713405
PH. NO :6295533756

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

**RAHUL DALAL**

*for passing the course*

**Speaking Effectively**

*with Score** **98** %

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS14S1995691

To

RONIT ROY
6371, EAST NATIONAL PARK, PO + PS.
NAIHATI
NAIHATI
NORTH 24 PARGANAS
WEST BENGAL - 743165
PH. NO :7980330814

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

**RONIT ROY**

*for passing the course*

## Speaking Effectively

*with Score** **93** %

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS16S1047550

To

ANUBHAB DAS
VIVEKANANDA PALLY, SONARPUR
SONARPUR
SOUTH 24 PARGANAS
WEST BENGAL - 700150
PH. NO :9903267691

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## ANUBHAB DAS

*for passing the course*

## Soft Skill Development

*with Score** **69** %

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS16S1074831

To

SITAM SARDAR
15A, BEDIADANGA, 2ND LANE
KOLKATA
WEST BENGAL-700039
PH. NO :9062717912

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## SITAM SARDAR

*for passing the course*

## Soft Skill Development

*with Score** **85** %

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS16S1078099

To

SHUBHODEEP CHANDA
12, NEPAL CHANDRA CHATTERJEE STREET,
ARIADAHA
KOLKATA
NORTH 24 PARGANAS
WEST BENGAL - 700057
PH. NO :9830370545

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## SHUBHODEEP CHANDA

*for passing the course*

## Soft Skill Development

*with Score** **89** %

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS16S1188696

To

TANMOY BHUINYA
37
MANSINGHAPUR
HOWRAH
WEST BENGAL - 711404
PH. NO :7074939572

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## TANMOY BHUINYA

*for passing the course*

## Soft Skill Development

*with Score** **89** %

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS16S1267057

To

ABHINANDAN PATRA
VILL+P.ORUDRAPUR , P.SDOMJUR
RUDRAPUR KALITALA
HOWRAH
WEST BENGAL - 711411
PH. NO :9874464755

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## ABHINANDAN PATRA

*for passing the course*

## Soft Skill Development

*with Score** **81** %

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS16S1344354

To

ABHIRUP MONDAL
441 HARITAKI BAGAN LANE
KOLKATA
WEST BENGAL-700006
PH. NO :9748264683

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## ABHIRUP MONDAL

*for passing the course*

## Soft Skill Development

*with Score** **80** %

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS16S1380319

To

SOMNATH BERA
ISHANPARA, SANTOSHPUR, TARAKESWAR,
HOOGHLY
SANTOSHPUR
HOOGHLY
WEST BENGAL - 712410
PH. NO :8609460144

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## SOMNATH BERA

*for passing the course*

## Soft Skill Development

*with Score** **89** %

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS16S1423457

To

AYUSH JHA
HOUSE NO. 0341 PAINI KUMARI SIMULBARI
SUKNA
SILIGURI
DARJEELING
WEST BENGAL - 734009
PH. NO :8637835583

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

**AYUSH JHA**

*for passing the course*

## Soft Skill Development

*with Score** **75** %

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS16S1495360

To

BISWAJIT DANDAPAT
NH 5
JHARGRAM
WEST BENGAL - 721516
PH. NO :7478051298

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## BISWAJIT DANDAPAT

*for passing the course*

## Soft Skill Development

*with Score** **89** %

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS16S1506748

To

DEV SAHA
6,RAM KRISHNA SARANI , NALTA
DURGANAGAR
NORTH 24 PARGANAS
WEST BENGAL - 700028
PH. NO :9875605927

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

**DEV SAHA**

*for passing the course*

**Soft Skill Development**

*with Score** **89** %

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS16S1510564

To

ANIK KUNDU
STKK ROAD
NASARATPUR
BARDHAMAN
WEST BENGAL - 713519
PH. NO :7477555214

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## ANIK KUNDU

*for passing the course*

## Soft Skill Development

*with Score** **89** %

Jan-Mar 2020
(8 week course)

A. Goswami

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

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS16S1513621

To

PRITAM BISWAS
SONA GAON FLAT4 ,16,GOALAPARA ROAD
SASTITALA
BELGHARIA
NORTH 24 PARGANAS
WEST BENGAL - 700056
PH. NO :8582866904

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

**PRITAM BISWAS**

*for passing the course*

## Soft Skill Development

*with Score** **89** %

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS16S1565534

To

KUNAL KAYAL
24 NO LAT KAYALPARA
24 NO LAT KAYALPARA
SOUTH 24 PARGANAS
WEST BENGAL - 743383
PH. NO :9091888288

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## KUNAL KAYAL

*for passing the course*

## Soft Skill Development

*with Score** **89** %

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS16S1607141

To

SATHI ROY
67A PHOOL BAGAN ROAD, BAGHAJATIN
KOLKATA
WEST BENGAL-700086
PH. NO :9330684829

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## SATHI ROY

*for passing the course*

## Soft Skill Development

*with Score** **89** %

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS16S1610519

To

RIYA PANJA
161, PROVAT CHANDRA DEY LANE, KOLKATA
700036
KOLKATA
NORTH 24 PARGANAS
WEST BENGAL - 700036
PH. NO :7044113777

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

**RIYA PANJA**

*for passing the course*

## Soft Skill Development

*with Score** **97** %

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS16S1620959

To

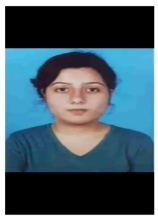
ADRIJA CHATTERJEE
30A6, CHOWDHURY PARA STREET, UTTARPARA,
HOOGHLY712258
UTTARPARA
KOLKATA
WEST BENGAL - 712258
PH. NO :7687952655

**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)



Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## ADRIJA CHATTERJEE

*for passing the course*

## Soft Skill Development

*with Score** **92** %

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS16S1657132

To

JYOTISHMAN SARKAR
N0055, WARD NO5, CHOUTARA ROAD
CHOUTARA
HOOGHLY
WEST BENGAL - 712405
PH. NO :7602278786

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## JYOTISHMAN SARKAR

*for passing the course*

## Soft Skill Development

*with Score** **86** %

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS16S1665931

To

SOHAN MISRA
169C BIDHAN PARK
BARASAT
NORTH 24 PARGANAS
WEST BENGAL - 700124
PH. NO :8334042063

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## SOHAN MISRA

*for passing the course*

## Soft Skill Development

*with Score** **88** %

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS16S1723910

To

AAKASH MONDAL
45,SERPENTINE LANE,KOLKATA700014
KOLKATA
WEST BENGAL-700014
PH. NO :8017418602

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## AAKASH MONDAL

*for passing the course*

## Soft Skill Development

*with Score** **94** %

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS16S1848735

To

RITOBROTO MUKHERJEE
671, HARI PADA DUTTA LANE
TOLLYGUNGE
KOLKATA
WEST BENGAL - 700033
PH. NO :9038973169

**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)

RITOBROTO MUKHERJEE
14.09.2018

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## RITOBROTO MUKHERJEE

*for passing the course*

## Soft Skill Development

*with Score** **99** %

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS16S1874026

To

SOURIN KUNDU
JAYANTI DEVI APARTMENT, P.O. RAJARHAT
GOPALPUR,
KOLKATA
NORTH 24 PARGANAS
WEST BENGAL - 700136
PH. NO :7076124555

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## SOURIN KUNDU

*for passing the course*

## Soft Skill Development

*with Score** **88** %

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS16S1893686

To

RIYA MONDAL
BARO FINGA SOUTHPARA ,NIMTA
NORTH DUMDUM(M)
NORTH 24 PARGANAS
WEST BENGAL - 700049
PH. NO :8777075962

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## RIYA MONDAL

*for passing the course*

## Soft Skill Development

*with Score** **89** %

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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: NPTEL20HS16S1990042

To

SOUMIL BISWAS
WESTWIND, BLOCK 32B, 78, RAJA S.C.
MULLICK ROAD, KOLKATA 700084
KOLKATA
WEST BENGAL-700084
PH. NO :8961547291

**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)

Covid-19 impacted January 2020 semester

*This certificate is awarded to*

## SOUMIL BISWAS

*for passing the course*

## Soft Skill Development

*with Score** **85** %

A. Goswami

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

**Jan-Mar 2020**
**(8 week course)**

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

*Continuous online assessment score

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