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

Roll No: NPTEL21MM32S43831153

To
ABHIRUP MONDAL
44/1 HARITAKI BAGAN LANE
44/3A/2 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.

Elite

NPTEL Online Certification

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

This certificate is awarded to

ABHIRUP MONDAL

for successfully completing the course

Fundamentals of Material Processing - I

with a consolidated score of **61** %

Online Assignments	19.96/25	Proctored Exam	41.25/75

Total number of candidates certified in this course: **57**

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

Aug-Oct 2021
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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

Roll No: NPTEL22MG47S33750046

To
ABHIRUP MONDAL
44/1 HARITAKI BAGAN LANE
44/3A/2 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.

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

TOP TOPPER 5%

This certificate is awarded to

ABHIRUP MONDAL

for successfully completing the course

Consumer Behaviour

with a consolidated score of **75** %

Online Assignments	23.96/25	Proctored Exam	51/75

Total number of candidates certified in this course: **2714**

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Mar 2022
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

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: NPTEL21HS64S23770950

To
AKASH KUMAR PATRA
8/1, DESHBANDHU ROAD (W) KOLKATA
8/1, DESHBANDHU ROAD WEST KOLKATA
KOLKATA
WEST BENGAL - 700035
PH. NO :9330717805

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 PATRA

for successfully completing the course

Consumer Psychology

with a consolidated score of **85** %

Online Assignments	22.29/25	Proctored Exam	63/75

Total number of candidates certified in this course: **1544**

Jul-Sep 2021
(8 week course)

Prof. Hemant B Kaushik
Head, Center for Educational Technology
NPTEL Coordinator, IIT Guwahati

Indian Institute of Technology Guwahati

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: NPTEL21MM28S13770130

To
AKASH KUMAR PATRA
8/1, DESHBANDHU ROAD (W) KOLKATA
8/1, DESHBANDHU ROAD WEST KOLKATA
KOLKATA
WEST BENGAL - 700035
PH. NO :9330717805

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)

TOPPER

This certificate is awarded to

AKASH KUMAR PATRA

for successfully completing the course

An Introduction to Materials: Nature And Properties (Part 1: Structure Of Materials)

with a consolidated score of **78** %

Online Assignments	22.04/25	Proctored Exam	55.5/75

Total number of candidates certified in this course: **25**

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

Jul-Sep 2021
(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.

Roll No: NPTEL22HS13S33750354

To
AKASH KUMAR PATRA
8/1, DESHBANDHU ROAD (W) KOLKATA
8/1, DESHBANDHU ROAD WEST KOLKATA
KOLKATA
WEST BENGAL - 700035
PH. NO :9330717805

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

No. of credits recommended by NPTEL:2
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

AKASH KUMAR PATRA

for successfully completing the course

Speaking Effectively

with a consolidated score of **72** %

Online Assignments	22.46/25	Proctored Exam	49.5/75

Total number of candidates certified in this course: **2825**

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Mar 2022
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

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: NPTEL21CS83S13770034

To
AKASH MUKHERJEE
23/22B OLD NIMTA ROAD
BELGHARIA, KOLKATA-700056
BELGHARIA
WEST BENGAL - 700056
PH. NO :7890220851

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 MUKHERJEE

for successfully completing the course

Theory of Computation

with a consolidated score of **66** %

Online Assignments	20.33/25	Proctored Exam	46.13/75

Total number of candidates certified in this course: **158**

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

Jul-Sep 2021
(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.

Roll No: NPTEL22CS42S33700179

To
ARGHADIP NANDI
SCHOOLPARA,RABINDRAPALLY,P.O-MANGALBARI
WEST BENGAL - 732142
PH. NO :916296439964

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

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

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

ARGHADIP NANDI

for successfully completing the course

An Introduction to Programming through C++

with a consolidated score of **80** %

Online Assignments	23.5/25	Programming Assignment	25/25	Proctored Exam	31.5/50

Total number of candidates certified in this course: **2183**

Jan-Apr 2022
(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

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

Roll No: NPTEL21CS54S13830037

To
ANAMIKA HALDER
VILL-LAKSHMIPASA,DIST-SOUTH 24 PARGANAS
WEST BENGAL - 743374
PH. NO :7908851562

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

ANAMIKA HALDER

for successfully completing the course

Problem Solving through Programming in C

with a consolidated score of **72** %

Online Assignments	25/25	Programming Exam	25/25	Proctored Exam	22/50

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

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

Jul-Oct 2021
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

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: NPTEL21CS72S13770200

To
ANAMIKA HALDER
VILL-LAKSHMIPASA,DIST-SOUTH 24 PARGANAS
WEST BENGAL - 743374
PH. NO :7908851562

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

ANAMIKA HALDER

for successfully completing the course

Introduction to Operating Systems

with a consolidated score of **65** %

Online Assignments	23.29/25	Proctored Exam	42/75

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

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jul-Sep 2021
(8 week course)

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras

Indian Institute of Technology Madras

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: NPTEL21CS54S23020117

To
ANANNYA GOSWAMI
BOWBAZAR , CHANDANNAGAR ,
SHITALATALA , CHANDANNAGAR
CHANDANNAGAR
WEST BENGAL - 712138
PH. NO :917980076418

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

ANANNYA GOSWAMI

for successfully completing the course

Problem Solving through Programming in C

with a consolidated score of **73** %

Online Assignments	24.88/25	Programming Exam	25/25	Proctored Exam	23/50

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

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

Jul-Oct 2021
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

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: NPTEL21HS57S33020010

To
ANANNYA GOSWAMI
BOWBAZAR , CHANDANNAGAR ,
SHITALATALA , CHANDANNAGAR
CHANDANNAGAR
WEST BENGAL - 712138
PH. NO :917980076418

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

ANANNYA GOSWAMI

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of **58** %

Online Assignments	22.88/25	Proctored Exam	35.13/75

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

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

Aug-Oct 2021
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

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: NPTEL21MM18S43020104

To
ANIK KUNDU
VILL+POST-NASARATPUR
PS-NADANGHAT,DIST-PURBA BARDHAMAN
KALNA
WEST BENGAL - 713519
PH. NO :7477555214

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

ANIK KUNDU

for successfully completing the course

Techniques of Material Characterization

with a consolidated score of **66** %

Online Assignments	21.88/25	Proctored Exam	44.25/75

Total number of candidates certified in this course: **46**

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

Jul-Oct 2021
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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

Roll No: NPTEL22DE05S13700213

To
ANIRUDDHA SARKAR
63 DR. GOPAL CHATTERJEE ROAD, PO-SUKCHAR
SODEPUR, KOLKATA-700115
KOLKATA
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 MoE, Govt. of India)

This certificate is awarded to

ANIRUDDHA SARKAR

for successfully completing the course

Design, Technology and Innovation

with a consolidated score of **73** %

Online Assignments	19.46/25	Proctored Exam	54/75

Total number of candidates certified in this course: **347**

Feb-Apr 2022
(8 week course)

Prof. Sridhar Iyer
Head CDEEP & NPTEL Coordinator
IIT Bombay

Indian Institute of Technology Bombay

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No:NPTEL22DE05S13700213

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

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

Roll No: NPTEL22CS44S13700265

To
ANUBHAB DAS
VIVEKANANDA PALLY, SONARPUR
DIST- SOUTH 24 PARGANAS, KOLKATA
KOLKATA
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:3
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

ANUBHAB DAS

for successfully completing the course

Blockchain and its Applications

with a consolidated score of **65** %

Online Assignments	21.47/25	Proctored Exam	43.5/75

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

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Apr 2022
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No:NPTEL22CS44S13700265

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: NPTEL21CS65S33830084

To
ARCHIT KUMAR
FLAT NO. 6, 2ND FLOOR, USHA APARTMENT
81 PIRPUKUR ROAD, BANSDRONI
KOLKATA
WEST BENGAL - 700070
PH. NO :8100238404

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

ARCHIT KUMAR

for successfully completing the course

Software Engineering

with a consolidated score of **65** %

Online Assignments	19.28/25	Proctored Exam	45.62/75

Total number of candidates certified in this course: **161**

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

Jul-Oct 2021
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

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: NPTEL21HS64S13380014

To
ARGHA CHAKRABORTY
3A/7 DHANDABAG RISHI ARABINDA NAGAR
AMRAI,A-ZONE
DURGAPUR
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)

TOP TOPPER 2%

This certificate is awarded to

ARGHA CHAKRABORTY

for successfully completing the course

Consumer Psychology

with a consolidated score of **91** %

Online Assignments	21.88/25	Proctored Exam	69/75

Total number of candidates certified in this course: **1544**

Jul-Sep 2021
(8 week course)

Prof. Hemant B Kaushik
Head, Center for Educational Technology
NPTEL Coordinator, IIT Guwahati

Indian Institute of Technology Guwahati

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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

Roll No: NPTEL22CS44S13140006

To
ARIJIT DUTTA
VILL+ POST = PUNCHA
DIST- PURULIA
PURULIA
WEST BENGAL - 723151
PH. NO :9382642059

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

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

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

ARIJIT DUTTA

for successfully completing the course

Blockchain and its Applications

with a consolidated score of **53** %

Online Assignments	22.16/25	Proctored Exam	30.5/75

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

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Apr 2022
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

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: NPTEL21CS85S13770124

To
ARIJIT GHOSH
100/3,NEW BASUDEBPUR ROAD,KAMARHATI
P.O. & P.S.- BELGHARIA, KOLKATA-700056
KOLKATA
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: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 GHOSH

for successfully completing the course

Introduction to Machine Learning

with a consolidated score of **75** %

Online Assignments	23.33/25	Proctored Exam	51.25/75

Total number of candidates certified in this course: **1383**

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

Jul-Sep 2021
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

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: NPTEL21HS64S13020042

To
ARJUN PAL
VILLAGE+POST OFFICE-MADHYAM GRAM
DISTRICT-PURBA BARDHAMAN
BARDHAMAN
WEST BENGAL - 713422
PH. NO :8101903250

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

Consumer Psychology

with a consolidated score of **78** %

Online Assignments	22.29/25	Proctored Exam	55.5/75

Total number of candidates certified in this course: **1544**

Jul-Sep 2021
(8 week course)

Prof. Hemant B Kaushik
Head, Center for Educational Technology
NPTEL Coordinator, IIT Guwahati

Indian Institute of Technology Guwahati

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: NPTEL21CS62S13830108

To
ARUNODAY GHORAI
SGIL RESIDENZZA, 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.

NPTEL Online Certification

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

This certificate is awarded to

ARUNODAY GHORAI

for successfully completing the course

Cloud Computing

with a consolidated score of **55** %

Online Assignments	19.25/25	Proctored Exam	35.94/75

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

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

Aug-Oct 2021
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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

Roll No: NPTEL22DE05S13700412

To
ASHISH SAH
3/E CHATTU BABU LANE, KOLKATA-700014
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 MoE, Govt. of India)

This certificate is awarded to

ASHISH SAH

for successfully completing the course

Design, Technology and Innovation

with a consolidated score of **67** %

Online Assignments	23/25	Proctored Exam	43.75/75

Total number of candidates certified in this course: **347**

Feb-Apr 2022
(8 week course)

Prof. Sridhar Iyer
Head CDEEP & NPTEL Coordinator
IIT Bombay

Indian Institute of Technology Bombay

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No:NPTEL22DE05S13700412

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: NPTEL21HS64S13220006

To
AVIK MANNA
VILLAGE+P.O.+P.S- SHYAMPUR,DIST-HOWRAH
WEST BENGAL - 711314
PH. NO :9064878517

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

AVIK MANNA

for successfully completing the course

Consumer Psychology

with a consolidated score of **84** %

Online Assignments	22.29/25	Proctored Exam	61.5/75

Total number of candidates certified in this course: **1544**

Jul-Sep 2021
(8 week course)

Prof. Hemant B Kaushik
Head, Center for Educational Technology
NPTEL Coordinator, IIT Guwahati

Indian Institute of Technology Guwahati

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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

Roll No: NPTEL22CS45S13700456

To
AVINASH KUMAR JHA
12/A, PADDAPUKUR ROAD
BHOWANIPUR,
KOLKATA
WEST BENGAL - 700020
PH. NO :6290228668

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

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

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

AVINASH KUMAR JHA

for successfully completing the course

Problem Solving through Programming in C

with a consolidated score of **70** %

Online Assignments	19.63/25	Programming Exam	25/25	Proctored Exam	25/50

Total number of candidates certified in this course: **2233**

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Apr 2022
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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

Roll No: NPTEL22HS07S33750151

To
AVINASH KUMAR JHA
12/A, PADDAPUKUR ROAD
BHOWANIPUR,
KOLKATA
WEST BENGAL - 700020
PH. NO :6290228668

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

No. of credits recommended by NPTEL:2
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

AVINASH KUMAR JHA

for successfully completing the course

Soft Skill Development

with a consolidated score of **68** %

Online Assignments	23.29/25	Proctored Exam	45/75

Total number of candidates certified in this course: **8130**

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Mar 2022
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

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: NPTEL21CS83S23750066

To
AVISEK MONDAL
5A ANAMIKA APARTMENT
DAK BUNGALOW ROAD
MIDNAPORE
WEST BENGAL - 721101
PH. NO :7908076244

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

AVISEK MONDAL

for successfully completing the course

Theory of Computation

with a consolidated score of **49** %

Online Assignments	19.25/25	Proctored Exam	30/75

Total number of candidates certified in this course: **158**

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

Jul-Sep 2021
(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.

Roll No: NPTEL22HS34S13700458

To
AVISEK MONDAL
5A ANAMIKA APARTMENT
DAK BUNGALOW ROAD
MIDNAPORE
WEST BENGAL - 721101
PH. NO :7908076244

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

No. of credits recommended by NPTEL:2
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

AVISEK MONDAL

for successfully completing the course

Technical English for Engineers

with a consolidated score of **84** %

Online Assignments	21.67/25	Proctored Exam	62.25/75

Total number of candidates certified in this course: **2952**

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

Feb-Apr 2022
(8 week course)

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras

Indian Institute of Technology Madras

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: NPTEL21CS63S33830134

To
AYAN MONDAL
1, NASKARHAT PICNIC GARDEN ROAD
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: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

AYAN MONDAL

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **60** %

Online Assignments	23.53/25	Proctored Exam	36/75

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

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

Jul-Oct 2021
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

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: NPTEL21CS85S13770224

To
AYAN MONDAL
1, NASKARHAT PICNIC GARDEN ROAD
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

Introduction to Machine Learning

with a consolidated score of **71** %

Online Assignments	23.42/25	Proctored Exam	47.63/75

Total number of candidates certified in this course: **1383**

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

Jul-Sep 2021
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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

Roll No: NPTEL22DE05S13700483

To
AYUSH JHA
SUKNA SILIGURI
NEAR PAINI KUMARI CHURCH
SILIGURI
WEST BENGAL - 734009
PH. NO :8637835583

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

No. of credits recommended by NPTEL:2
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

AYUSH JHA

for successfully completing the course

Design, Technology and Innovation

with a consolidated score of **64** %

Online Assignments	18.63/25	Proctored Exam	45/75

Total number of candidates certified in this course: **347**

Feb-Apr 2022
(8 week course)

Prof. Sridhar Iyer
Head CDEEP & NPTEL Coordinator
IIT Bombay

Indian Institute of Technology Bombay

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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

Roll No: NPTEL22CS54S33020186

To
BRATATI CHAKRABORTY
1, N.C. MITRA LANE, SONARTARI APARTMENT,
FLAT NO. - F2, KONNAGAR, HOOGHLY
KONNAGAR
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:2
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

BRATATI CHAKRABORTY

for successfully completing the course

Introduction to Soft Computing

with a consolidated score of **55** %

Online Assignments	17.83/25	Proctored Exam	37.5/75

Total number of candidates certified in this course: **639**

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Mar 2022
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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

Roll No: NPTEL22MG47S33750313

To
BIKRAM DAS
143 B/1, PICNIC GARDEN ROAD, KOLKATA
PICNIC GARDEN
KOLKATA
WEST BENGAL - 700039
PH. NO :9804460361

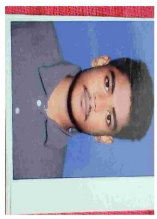
Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:2
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

BIKRAM DAS

for successfully completing the course

Consumer Behaviour

with a consolidated score of **67** %

Online Assignments	21.88/25	Proctored Exam	45/75

Total number of candidates certified in this course: **2714**

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Mar 2022
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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

Roll No: NPTEL22CS47S33700592

To
TATHAGATA MITRA
PRAFULLANAGAR, HABRA
WEST BENGAL - 743268
PH. NO :9609910402

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

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

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

TATHAGATA MITRA

for successfully completing the course

Programming In Java

with a consolidated score of **75** %

Online Assignments	24.85/25	Programming Exam	25/25	Proctored Exam	24.84/50

Total number of candidates certified in this course: **4814**

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Apr 2022
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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

Roll No: NPTEL22MG39S33700704

To
BISWAJIT DANDAPAT
POST OFFICE- DHARAMPUR
VILLAGE - PARULIA
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:3
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

BISWAJIT DANDAPAT

for successfully completing the course

Leadership and Team Effectiveness

with a consolidated score of **57** %

Online Assignments	24.69/25	Proctored Exam	32.25/75

Total number of candidates certified in this course: **2030**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Apr 2022
(12 week course)

Priti Maheshwari
Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee

Indian Institute of Technology Roorkee

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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

Roll No: NPTEL22CS31S13700719

To
KARTIK DAS
VILLAGE-KEMIA,POST OFFICE-KIRTIPUR
KEMIA,P.O.-KIRTIPUR,P.S.-MADHYAMGRAM
MADHYAMGRAM
WEST BENGAL - 700128
PH. NO :7439318575

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

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

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

KARTIK DAS

for successfully completing the course

The Joy of Computing using Python

with a consolidated score of **79** %

Online Assignments	24.63/25	Programming Exam	25/25	Proctored Exam	29.5/50

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

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Apr 2022
(12 week course)

Prof. Andrew Thangaraj
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.

Roll No: NPTEL22HS07S33751722

To
KARTIK DAS
VILLAGE-KEMIA,POST OFFICE-KIRTIPUR
KEMIA,P.O.-KIRTIPUR,P.S.-MADHYAMGRAM
MADHYAMGRAM
WEST BENGAL - 700128
PH. NO :7439318575

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

No. of credits recommended by NPTEL:2
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

KARTIK DAS

for successfully completing the course

Soft Skill Development

with a consolidated score of **55** %

Online Assignments	22.17/25	Proctored Exam	33/75

Total number of candidates certified in this course: **8130**

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Mar 2022
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

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: NPTEL21MM18S43830807

To
DEBASISH DAS
VILL SRIRAMPUR, PO BELSINGHA, PS FALTA,
DIST SOUTH 24 PARAGANAS, PIN-743504
WEST BENGAL - 743504
PH. NO :8317804369

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

DEBASISH DAS

for successfully completing the course

Techniques of Material Characterization

with a consolidated score of **62** %

Online Assignments	21.88/25	Proctored Exam	39.75/75

Total number of candidates certified in this course: **46**

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

Jul-Oct 2021
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

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: NPTEL21CS75S13830330

To
DEBARAN DAS
44,RABINDRA PALLY MAIN ROAD, P.O.-NIMTA
RABINDRA PALLY MAIN ROAD,NIMTA
KOLKATA
WEST BENGAL - 700049
PH. NO :8017626710

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

DEBARAN DAS

for successfully completing the course

The Joy of Computing using Python

with a consolidated score of **70** %

Online Assignments	24.88/25	Programming Exam	25/25	Proctored Exam	20/50

Total number of candidates certified in this course: **4694**

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

Jul-Oct 2021
(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.

Roll No: NPTEL22HS08S33700765

To
DEBARGHO GANGULI
4C, KALIGHAT ROAD , KOLKATA- 700025
BHOWANIPORE
KOLKATA
WEST BENGAL - 700025
PH. NO :7439482920

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

No. of credits recommended by NPTEL:2
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

DEBARGHO GANGULI

for successfully completing the course

Enhancing Soft Skills and Personality

with a consolidated score of **78** %

Online Assignments	22.88/25	Proctored Exam	54.78/75

Total number of candidates certified in this course: **9994**

Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Feb-Apr 2022
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No:NPTEL22HS08S33700765

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: NPTEL21CS85S13770444

To
DEBASHIS GANGULY
BG-173,P.O-KRISHNAPUR,KOLKATA-700102
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: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

DEBASHIS GANGULY

for successfully completing the course

Introduction to Machine Learning

with a consolidated score of **75** %

Online Assignments	23.92/25	Proctored Exam	50.87/75

Total number of candidates certified in this course: **1383**

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

Jul-Sep 2021
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

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: NPTEL21CS83S13770128

To
DEBSMITA BANERJEE
59/1, BIREN ROY ROAD (WEST),
PARISPARA
KOLKATA
WEST BENGAL - 700008
PH. NO :6291445092

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

DEBSMITA BANERJEE

for successfully completing the course

Theory of Computation

with a consolidated score of **52** %

Online Assignments	21.88/25	Proctored Exam	30/75

Total number of candidates certified in this course: **158**

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

Jul-Sep 2021
(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: NPTEL21HS64S13150017

To
DEEPANJAN SAHA
72, MAIN ROAD (WEST)
NEAR MASUNDA BOYS HIGH SCHOOL
KOLKATA
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.

NPTEL Online Certification

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

This certificate is awarded to

DEEPANJAN SAHA

for successfully completing the course

Consumer Psychology

with a consolidated score of **58** %

Online Assignments	22.29/25	Proctored Exam	36/75

Total number of candidates certified in this course: **1544**

Jul-Sep 2021
(8 week course)

Prof. Hemant B Kaushik
Head, Center for Educational Technology
NPTEL Coordinator, IIT Guwahati

Indian Institute of Technology Guwahati

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: NPTEL21MG60S13180021

To
DEEPANJAN SAHA
72, MAIN ROAD (WEST)
NEAR MASUNDA BOYS HIGH SCHOOL
KOLKATA
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

Ethics in Engineering Practice

with a consolidated score of **65** %

Online Assignments	22.5/25	Proctored Exam	42/75

Total number of candidates certified in this course: **1029**

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

Aug-Oct 2021
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

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: NPTEL21HS64S13770048

To
PARANTAP DEV
NEPALI PARA,BALURGHAT,DAKSHIN DINAJPUR
KSHUDIRAM SARANI
BALURGHAT
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.

Elite

NPTEL Online Certification

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

This certificate is awarded to

PARANTAP DEV

for successfully completing the course

Consumer Psychology

with a consolidated score of **67** %

Online Assignments	18.96/25	Proctored Exam	48/75

Total number of candidates certified in this course: **1544**

Jul-Sep 2021
(8 week course)

Prof. Hemant B Kaushik
Head, Center for Educational Technology
NPTEL Coordinator, IIT Guwahati

Indian Institute of Technology Guwahati

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: NPTEL21HS64S13770162

To
DEV SAHA
HOLDING NO -1 MAHAJATI ROAD , NALTA
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

Consumer Psychology

with a consolidated score of **82** %

Online Assignments	22.29/25	Proctored Exam	60/75

Total number of candidates certified in this course: **1544**

Jul-Sep 2021
(8 week course)

Prof. Hemant B Kaushik
Head, Center for Educational Technology
NPTEL Coordinator, IIT Guwahati

Indian Institute of Technology Guwahati

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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

Roll No: NPTEL22CS20S33700852

To
DIMITRI GHOSH
NEAR KD COLLEGE OF COMMERCE
KSHUDIRAMNAGAR, MIDNAPORE
MIDNAPORE
WEST BENGAL - 721101
PH. NO :7477855003

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

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

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

DIMITRI GHOSH

for successfully completing the course

Cloud Computing

with a consolidated score of **52** %

Online Assignments	20.16/25	Proctored Exam	31.76/75

Total number of candidates certified in this course: **4701**

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Apr 2022
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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

Roll No: NPTEL22MG47S33750515

To
DIPANKAR CHAUHAN
LB-11/22 ASHWININAGAR,BAGUIHATI KOLKATA
WEST BENGAL - 700159
PH. NO :6290856632

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

No. of credits recommended by NPTEL:2
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

DIPANKAR CHAUHAN

for successfully completing the course

Consumer Behaviour

with a consolidated score of **65** %

Online Assignments	18.96/25	Proctored Exam	46.5/75

Total number of candidates certified in this course: **2714**

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Mar 2022
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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

Roll No: NPTEL22HS08S33700882

To
DWAIPAYAN MONDAL
VILL-NISCHINTAPUR, P.O.-RAJPUR
NEAR NISCHINTAPUR STAR AGRANI SANGHA
KOLKATA
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 MoE, Govt. of India)

TOP TOPPER 1%

This certificate is awarded to

DWAIPAYAN MONDAL

for successfully completing the course

Enhancing Soft Skills and Personality

with a consolidated score of **91** %

Online Assignments	23.25/25	Proctored Exam	67.83/75

Total number of candidates certified in this course: **9994**

Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Feb-Apr 2022
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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

Roll No: NPTEL22CS31S13700963

To
TRINIKET MAITI
C/O-TAPAS KUMAR MAITI, QTR. NO.- C-40/3
KTPP TOWNSHIP, DIST.-PURBA MEDINIPUR
KOLAGHAT
WEST BENGAL - 721171
PH. NO :9907904972

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

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

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

TRINIKET MAITI

for successfully completing the course

The Joy of Computing using Python

with a consolidated score of **83** %

Online Assignments	25/25	Programming Exam	25/25	Proctored Exam	33/50

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

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Apr 2022
(12 week course)

Prof. Andrew Thangaraj
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.

Roll No: NPTEL22HS07S33540095

To
TRINIKET MAITI
C/O-TAPAS KUMAR MAITI, QTR. NO.- C-40/3
KTPP TOWNSHIP, DIST.-PURBA MEDINIPUR
KOLAGHAT
WEST BENGAL - 721171
PH. NO :9907904972

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

No. of credits recommended by NPTEL:2
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

TRINIKET MAITI

for successfully completing the course

Soft Skill Development

with a consolidated score of **64** %

Online Assignments	23.04/25	Proctored Exam	40.5/75

Total number of candidates certified in this course: **8130**

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Mar 2022
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

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: NPTEL21CS54S13830564

To
GARGI SUR
H R B C HOUSING ESTATE, BLOCK-7,
TYPE-III R, FLAT-11, POST- SANTRAGACHI
HOWRAH
WEST BENGAL - 711104
PH. NO :9038125313

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

GARGI SUR

for successfully completing the course

Problem Solving through Programming in C

with a consolidated score of **78** %

Online Assignments	25/25	Programming Exam	25/25	Proctored Exam	28/50

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

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

Jul-Oct 2021
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

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: NPTEL21CS72S23771158

To
GARGI SUR
H R B C HOUSING ESTATE, BLOCK-7,
TYPE-III R, FLAT-11, POST- SANTRAGACHI
HOWRAH
WEST BENGAL - 711104
PH. NO :9038125313

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

GARGI SUR

for successfully completing the course

Introduction to Operating Systems

with a consolidated score of **66** %

Online Assignments	23.71/25	Proctored Exam	42/75

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

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jul-Sep 2021
(8 week course)

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras

Indian Institute of Technology Madras

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: NPTEL21HS57S33830455

To
GARGI SUR
H R B C HOUSING ESTATE, BLOCK-7,
TYPE-III R, FLAT-11, POST- SANTRAGACHI
HOWRAH
WEST BENGAL - 711104
PH. NO :9038125313

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

GARGI SUR

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of **84** %

Online Assignments	23.17/25	Proctored Exam	60.58/75

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

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

Aug-Oct 2021
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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

Roll No: NPTEL22DE05S23702016

To
GARGI SUR
H R B C HOUSING ESTATE, BLOCK-7,
TYPE-III R, FLAT-11, POST- SANTRAGACHI
HOWRAH
WEST BENGAL - 711104
PH. NO :9038125313

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

No. of credits recommended by NPTEL:2
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

TOP TOPPER 5%

This certificate is awarded to

GARGI SUR

for successfully completing the course

Design, Technology and Innovation

with a consolidated score of **84** %

Online Assignments	22.79/25	Proctored Exam	60.74/75

Total number of candidates certified in this course: **347**

Feb-Apr 2022
(8 week course)

Prof. Sridhar Iyer
Head CDEEP & NPTEL Coordinator
IIT Bombay

Indian Institute of Technology Bombay

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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

Roll No: NPTEL22MG47S33750642

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

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

No. of credits recommended by NPTEL:2
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

MAINAK GHOSH

for successfully completing the course

Consumer Behaviour

with a consolidated score of **55** %

Online Assignments	20/25	Proctored Exam	34.5/75

Total number of candidates certified in this course: **2714**

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Mar 2022
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

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: NPTEL21CS83S13770226

To
GOURAB CHATTERJEE
248/23,VINTAGE TOWER
SHIBTALA STREET, BHADRAKALI,HOOGHLY
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

Theory of Computation

with a consolidated score of **75** %

Online Assignments	22.96/25	Proctored Exam	52.49/75

Total number of candidates certified in this course: **158**

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

Jul-Sep 2021
(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: NPTEL21HS57S33830522

To
KRISHNA KUMAR MONDAL
WEST SHANTINAGAR PRANTIK BELUR
N.A
HOWRAH
WEST BENGAL - 711227
PH. NO :6290368234

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)

28-10-2020

This certificate is awarded to

KRISHNA KUMAR MONDAL

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of **61** %

Online Assignments	21.92/25	Proctored Exam	38.76/75

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

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

Aug-Oct 2021
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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

Roll No: NPTEL22MG54S13701223

To
KRISHNA KUMAR MONDAL
WEST SHANTINAGAR PRANTIK BELUR
N.A
HOWRAH
WEST BENGAL - 711227
PH. NO :6290368234

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

No. of credits recommended by NPTEL:2
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

28-10-2020

This certificate is awarded to

KRISHNA KUMAR MONDAL

for successfully completing the course

Ethics In Engineering Practice

with a consolidated score of **60** %

Online Assignments	19.58/25	Proctored Exam	40/75

Total number of candidates certified in this course: **2047**

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Feb-Apr 2022
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

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: NPTEL21CS54S23830814

To
KRISHNENDU DASPRADHAN
KALBAT TOTO STAND, UTTAR PRATAPGARH
NEAR KALBAT TOTO STAND, KALYANI HIGHWAY
KOLKATA
WEST BENGAL - 700049
PH. NO :6289874996

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

KRISHNENDU DASPRADHAN

for successfully completing the course

Problem Solving through Programming in C

with a consolidated score of **83** %

Online Assignments	24.25/25	Programming Exam	25/25	Proctored Exam	33.5/50

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

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

Jul-Oct 2021
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

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: NPTEL21CS83S13770502

To
KRISHNENDU DASPRADHAN
KALBAT TOTO STAND, UTTAR PRATAPGARH
NEAR KALBAT TOTO STAND, KALYANI HIGHWAY
KOLKATA
WEST BENGAL - 700049
PH. NO :6289874996

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

KRISHNENDU DASPRADHAN

for successfully completing the course

Theory of Computation

with a consolidated score of **63** %

Online Assignments	21.88/25	Proctored Exam	41.49/75

Total number of candidates certified in this course: **158**

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

Jul-Sep 2021
(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: NPTEL21HS76S33830562

To
KRISHNENDU DASPRADHAN
KALBAT TOTO STAND, UTTAR PRATAPGARH
NEAR KALBAT TOTO STAND, KALYANI HIGHWAY
KOLKATA
WEST BENGAL - 700049
PH. NO :6289874996

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

KRISHNENDU DASPRADHAN

for successfully completing the course

Soft Skills

with a consolidated score of **58** %

Online Assignments	23.13/25	Proctored Exam	34.5/75

Total number of candidates certified in this course: **7293**

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

Jul-Oct 2021
(12 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee

Indian Institute of Technology Roorkee

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: NPTEL21MG51S13830590

To
SWARALIPI KUMAR
VILL-RADHANAGAR, P.O-AMLAGORA
DIST-PASCHIM MEDINIPUR
GARHBETA
WEST BENGAL - 721121
PH. NO :7001932893

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

SWARALIPI KUMAR

for successfully completing the course

Marketing Management - I

with a consolidated score of **70** %

Online Assignments	17.5/25	Proctored Exam	52.5/75

Total number of candidates certified in this course: **983**

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

Aug-Oct 2021
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

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: NPTEL21MG60S23831164

To
SWARALIPI KUMAR
VILL-RADHANAGAR, P.O-AMLAGORA
DIST-PASCHIM MEDINIPUR
GARHBETA
WEST BENGAL - 721121
PH. NO :7001932893

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

SWARALIPI KUMAR

for successfully completing the course

Ethics in Engineering Practice

with a consolidated score of **67** %

Online Assignments	17.92/25	Proctored Exam	49.5/75

Total number of candidates certified in this course: **1029**

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

Aug-Oct 2021
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

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: NPTEL21CS54S23830815

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

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

LABANI SAMANTA

for successfully completing the course

Problem Solving through Programming in C

with a consolidated score of **78** %

Online Assignments	24.63/25	Programming Exam	25/25	Proctored Exam	28/50

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

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

Jul-Oct 2021
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

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: NPTEL21CS83S13770592

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

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

LABANI SAMANTA

for successfully completing the course

Theory of Computation

with a consolidated score of **51** %

Online Assignments	20.83/25	Proctored Exam	30/75

Total number of candidates certified in this course: **158**

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

Jul-Sep 2021
(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: NPTEL21HS57S33830535

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

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

LABANI SAMANTA

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of **63** %

Online Assignments	23/25	Proctored Exam	40.27/75

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

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

Aug-Oct 2021
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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

Roll No: NPTEL22HS07S33750733

To
MAHASWATA KUNDU
HATIARA ROAD(SUBHASPALLY).
NEAR 30C OR 30C/1 BUS STAND.
KOLKATA
WEST BENGAL - 700157
PH. NO :7980459508

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

No. of credits recommended by NPTEL:2
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

MAHASWATA KUNDU

for successfully completing the course

Soft Skill Development

with a consolidated score of **57** %

Online Assignments	22.79/25	Proctored Exam	34.5/75

Total number of candidates certified in this course: **8130**

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Mar 2022
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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

Roll No: NPTEL22CS42S33701319

To
MAINAK ADHIKARI
DHRUBOTARA APPARTMENT,4TH FLOOR,BOREHAT
NEAR JHAPANTOLA
BURDWAN
WEST BENGAL - 713104
PH. NO :8016586640

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

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

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

MAINAK ADHIKARI

for successfully completing the course

An Introduction to Programming through C++

with a consolidated score of **67** %

Online Assignments	23.86/25	Programming Assignment	21.43/25	Proctored Exam	22/50

Total number of candidates certified in this course: **2183**

Jan-Apr 2022
(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

Roll No:NPTEL22CS42S33701319 To validate and check scores: https://nptel.ac.in/noc

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

Roll No: NPTEL22CS31S23702159

To
SUBARNA MANNA
67/68/08 , ICHHAPUR ROAD
KADAMTALA
HOWRAH
WEST BENGAL - 711101
PH. NO :9836169810

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

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

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SUBARNA MANNA

for successfully completing the course

The Joy of Computing using Python

with a consolidated score of **79** %

Online Assignments	19.97/25	Programming Exam	23.5/25	Proctored Exam	35.11/50

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

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Apr 2022
(12 week course)

Prof. Andrew Thangaraj
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.

Roll No: NPTEL22HS08S33701348

To
SUBARNA MANNA
67/68/08 , ICHHAPUR ROAD
KADAMTALA
HOWRAH
WEST BENGAL - 711101
PH. NO :9836169810

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

No. of credits recommended by NPTEL:2
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SUBARNA MANNA

for successfully completing the course

Enhancing Soft Skills and Personality

with a consolidated score of **71** %

Online Assignments	21.71/25	Proctored Exam	49.62/75

Total number of candidates certified in this course: **9994**

Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Feb-Apr 2022
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No:NPTEL22HS08S33701348

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: NPTEL21CS70S43830650

To
MD YASIR PERVEZ
81 , METCALF STREET
WEST BENGAL - 700013
PH. NO :9163161811

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

MD YASIR PERVEZ

for successfully completing the course

Introduction to Machine Learning

with a consolidated score of **66** %

Online Assignments	22.44/25	Proctored Exam	43.49/75

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

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jul-Oct 2021
(12 week course)

Prof. Andrew Thangaraj
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.

Roll No: NPTEL22CS31S23702173

To
MD YASIR PERVEZ
81 , METCALF STREET
WEST BENGAL - 700013
PH. NO :9163161811

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

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

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

MD YASIR PERVEZ

for successfully completing the course

The Joy of Computing using Python

with a consolidated score of **81** %

Online Assignments	25/25	Programming Exam	25/25	Proctored Exam	31.39/50

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

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Apr 2022
(12 week course)

Prof. Andrew Thangaraj
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.

Roll No: NPTEL22HS07S33750761

To
MD YASIR PERVEZ
81 , METCALF STREET
WEST BENGAL - 700013
PH. NO :9163161811

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

No. of credits recommended by NPTEL:2
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

MD YASIR PERVEZ

for successfully completing the course

Soft Skill Development

with a consolidated score of **61** %

Online Assignments	23/25	Proctored Exam	38.25/75

Total number of candidates certified in this course: **8130**

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Mar 2022
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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

Roll No: NPTEL22HS08S33701401

To
MOLAY MONDAL
8/1,NATUN PARA,GHOLA ROAD,KOLKATA-700083
WEST BENGAL - 700083
PH. NO :6290432691

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

No. of credits recommended by NPTEL:2
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

MOLAY MONDAL

for successfully completing the course

Enhancing Soft Skills and Personality

with a consolidated score of **62** %

Online Assignments	19.33/25	Proctored Exam	42.8/75

Total number of candidates certified in this course: **9994**

Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Feb-Apr 2022
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No:NPTEL22HS08S33701401

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: NPTEL21CS83S13770681

To
MONISH GHOSH
MADHYAMGRAM , ABDALPUR NATUNPALLY
NEAR SHIV MANDIR
KOLKATA
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

Theory of Computation

with a consolidated score of **70** %

Online Assignments	22.46/25	Proctored Exam	48/75

Total number of candidates certified in this course: **158**

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

Jul-Sep 2021
(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: NPTEL21CS54S23020157

To
MOUPRIYA DEY
SERAMPORE COLONY WARD N0-5
P.0-MALLICKPARA,DIST-HOOGHLY
SERAMPORE
WEST-BENGAL - 712203
PH. NO :9674814395

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

MOUPRIYA DEY

for successfully completing the course

Problem Solving through Programming in C

with a consolidated score of **81** %

Online Assignments	24.81/25	Programming Exam	25/25	Proctored Exam	31.5/50

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

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

Jul-Oct 2021
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

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: NPTEL21HS57S33020082

To
MOUPRIYA DEY
SERAMPORE COLONY WARD N0-5
P.0-MALLICKPARA,DIST-HOOGHLY
SERAMPORE
WEST-BENGAL - 712203
PH. NO :9674814395

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

MOUPRIYA DEY

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of **62** %

Online Assignments	22.79/25	Proctored Exam	39.5/75

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

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

Aug-Oct 2021
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No:NPTEL21HS57S33020082

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: NPTEL21CS55S23771026

To
MRINAL KANTI PATRA
VILL-KAPGARI,P.O-KAPGARI,P.S-JAMBONI.
CITY-JHARGRAM,P.O-JHARGRAM,P.S-JHARGRAM.
KAPGARI
WEST BENGAL - 721505
PH. NO :8101536664

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

MRINAL KANTI PATRA

for successfully completing the course

Programming in C++

with a consolidated score of **70** %

Online Assignments	24.83/25	Programming Exam	25/25	Proctored Exam	20/50

Total number of candidates certified in this course: **336**

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

Jul-Sep 2021
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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

Roll No: NPTEL22MG52S33750799

To
MRITWIKA BHATTACHARYYA
63/7A P.G.H SHAH ROAD, JADAVPUR,
KOLKATA-32
63/7A P.G.H SHAH ROAD, JADAVPUR,
KOLKATA-32
KOLKATA
WEST BENGAL - 700032
PH. NO :8777303499

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

No. of credits recommended by NPTEL:2
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

MRITWIKA BHATTACHARYYA

for successfully completing the course

Business Law for Managers

with a consolidated score of **85** %

Online Assignments	24.17/25	Proctored Exam	60.75/75

Total number of candidates certified in this course: **885**

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Mar 2022
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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

Roll No: NPTEL22DE05S23702221

To
ROSHAN MISHRA
89/67 VIVEKANANDA ROAD
BANGUR PARK RISHRA
KOLKATA
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 MoE, Govt. of India)

This certificate is awarded to

ROSHAN MISHRA

for successfully completing the course

Design, Technology and Innovation

with a consolidated score of **81** %

Online Assignments	23.08/25	Proctored Exam	57.49/75

Total number of candidates certified in this course: **347**

Feb-Apr 2022
(8 week course)

Prof. Sridhar Iyer
Head CDEEP & NPTEL Coordinator
IIT Bombay

Indian Institute of Technology Bombay

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: NPTEL21HS64S14180027

To
SOURAV NASKAR
VILLAGE - KALIKAPUR, P.O - KALIKAPUR
P.S. - SONARPUR
SONARPUR
WEST BENGAL - 743330
PH. NO :7557808295

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

SOURAV NASKAR

for successfully completing the course

Consumer Psychology

with a consolidated score of **79** %

Online Assignments	22.29/25	Proctored Exam	57/75

Total number of candidates certified in this course: **1544**

Jul-Sep 2021
(8 week course)

Prof. Hemant B Kaushik
Head, Center for Educational Technology
NPTEL Coordinator, IIT Guwahati

Indian Institute of Technology Guwahati

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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

Roll No: NPTEL22MM21S33750744

To
SOURAV NASKAR
VILLAGE - KALIKAPUR, P.O - KALIKAPUR
P.S. - SONARPUR
SONARPUR
WEST BENGAL - 743330
PH. NO :7557808295

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

No. of credits recommended by NPTEL:2
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SOURAV NASKAR

for successfully completing the course

Surface Engineering of Nanomaterials

with a consolidated score of **75** %

Online Assignments	23.33/25	Proctored Exam	52/75

Total number of candidates certified in this course: **65**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Mar 2022
(8 week course)

Priti Maheshwari

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee

Indian Institute of Technology Roorkee

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No:NPTEL22MM21S33750744

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: NPTEL21MG60S13830243

To
SAYAK MUKHOPADHYAY
VILL.-SARASWATYA,P.O.-SUNDARNAGAR
DIST.-PURBA MEDINIPUR,P.S.-PANSKURA
PANSKURA
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.

NPTEL Online Certification

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

This certificate is awarded to

SAYAK MUKHOPADHYAY

for successfully completing the course

Ethics in Engineering Practice

with a consolidated score of **57** %

Online Assignments	23.71/25	Proctored Exam	33/75

Total number of candidates certified in this course: **1029**

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

Aug-Oct 2021
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

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: NPTEL21HS90S23180125

To
NABONITA CHAKRABORTY
27/1, 7TH LANE, VIVEKANANDANAGAR,
MADHYAMGRAM, KOLKATA-700130
MADHYAMGRAM
WEST BENGAL - 700130
PH. NO :9330231688

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

NABONITA CHAKRABORTY

for successfully completing the course

Introduction to Japanese Language and Culture

with a consolidated score of **90** %

Online Assignments	24.53/25	Proctored Exam	65.25/75

Total number of candidates certified in this course: **160**

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

Jul-Oct 2021
(12 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: NPTEL21MG60S13830323

To
NITISH KUMAR DUBEY
49/5/H/141KARL MARX SARANI KOL-23
JNAN BHASKER SCHOOL
KOLKATA
WEST BENGAL - 700023
PH. NO :8582871091

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

NITISH KUMAR DUBEY

for successfully completing the course

Ethics in Engineering Practice

with a consolidated score of **76** %

Online Assignments	21.58/25	Proctored Exam	54/75

Total number of candidates certified in this course: **1029**

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

Aug-Oct 2021
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

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: NPTEL21MG60S13180086

To
OGNEEV BHADRA
55 STATION ROAD WEST
PO & PS NEW BARRACKPORE NORTH 24 PGS,
KOLKATA
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)

TOP TOPPER 5%

This certificate is awarded to

OGNEEV BHADRA

for successfully completing the course

Ethics in Engineering Practice

with a consolidated score of **81** %

Online Assignments	23.71/25	Proctored Exam	57/75

Total number of candidates certified in this course: **1029**

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

Aug-Oct 2021
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

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: NPTEL21HS64S13770636

To
RIYA PANJA
16/1, PROVAT CHANDRA DEY LANE
BARANAGAR, NORTH 24 PARAGANAS
KOLKATA
WEST BENGAL - 700036
PH. NO :9073653921

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

RIYA PANJA

for successfully completing the course

Consumer Psychology

with a consolidated score of **94** %

Online Assignments	23.33/25	Proctored Exam	70.5/75

Total number of candidates certified in this course: **1544**

Jul-Sep 2021
(8 week course)

Prof. Hemant B Kaushik
Head, Center for Educational Technology
NPTEL Coordinator, IIT Guwahati

Indian Institute of Technology Guwahati

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: NPTEL21MG60S23180112

To
PARNASHI BISWAS
105 CHOWDHURY PARA ROAD BARASAT
LANDMARK NEAR DESHAPRIYO SANGHA
BARASAT
WEST BENGAL - 700124
PH. NO :7980957428

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

PARNASHI BISWAS

for successfully completing the course

Ethics in Engineering Practice

with a consolidated score of **91** %

Online Assignments	23.75/25	Proctored Exam	67.5/75

Total number of candidates certified in this course: **1029**

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

Aug-Oct 2021
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

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: NPTEL21HS103S13150044

To
PARTHA HALDAR
VILL BONBIRSINGHA
PO BONBIRSINGHA
PATRASAYER
WEST BENGAL - 722209
PH. NO :9432519573

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 HALDAR

for successfully completing the course

Patent Search for Engineers and Lawyers

with a consolidated score of **79** %

Online Assignments	19.63/25	Proctored Exam	59.25/75

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

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

Aug-Oct 2021
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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

Roll No: NPTEL22HS08S43702112

To
PIYA PAUL
SAHARA SCHOOL PARA
PO-MICHEALNAGAR
KOLKATA
WEST BENGAL - 700133
PH. NO :8620934108

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

No. of credits recommended by NPTEL:2
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

PIYA PAUL

for successfully completing the course

Enhancing Soft Skills and Personality

with a consolidated score of **75** %

Online Assignments	22.71/25	Proctored Exam	51.79/75

Total number of candidates certified in this course: **9994**

Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Feb-Apr 2022
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

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: NPTEL21CS54S23830925

To
SUMAN PRAMANICK
RA-30, KRISHNAPUR RAJBANSHI PARA
MISSON BAZAR , KRISHNAPUR SPORTING CLUB
KOLKATA
WEST BENGAL - 700102
PH. NO :9874956220

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

SUMAN PRAMANICK

for successfully completing the course

Problem Solving through Programming in C

with a consolidated score of **79** %

Online Assignments	25/25	Programming Exam	25/25	Proctored Exam	29/50

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

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

Jul-Oct 2021
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

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: NPTEL21CS55S23771134

To
SUMAN PRAMANICK
RA-30, KRISHNAPUR RAJBANSHI PARA
MISSON BAZAR , KRISHNAPUR SPORTING CLUB
KOLKATA
WEST BENGAL - 700102
PH. NO :9874956220

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

SUMAN PRAMANICK

for successfully completing the course

Programming in C++

with a consolidated score of **79** %

Online Assignments	24.58/25	Programming Exam	25/25	Proctored Exam	29.38/50

Total number of candidates certified in this course: **336**

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

Jul-Sep 2021
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

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: NPTEL21HS57S43830705

To
SUMAN PRAMANICK
RA-30, KRISHNAPUR RAJBANSHI PARA
MISSON BAZAR , KRISHNAPUR SPORTING CLUB
KOLKATA
WEST BENGAL - 700102
PH. NO :9874956220

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

SUMAN PRAMANICK

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of **60** %

Online Assignments	23.17/25	Proctored Exam	37.2/75

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

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

Aug-Oct 2021
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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

Roll No: NPTEL22MG52S43751196

To
PRATIM KUMAR MONDAL
1, HALDER PARA 2ND BYE LANE
P.O. : SANTRAGACHI
HOWRAH
WEST BENGAL - 711104
PH. NO :8777746925

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

No. of credits recommended by NPTEL:2
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

PRATIM KUMAR MONDAL

for successfully completing the course

Business Law for Managers

with a consolidated score of **86** %

Online Assignments	25/25	Proctored Exam	60.75/75

Total number of candidates certified in this course: **885**

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Mar 2022
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

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: NPTEL21HS64S13770748

To
PRITAM BISWAS
SONA GAON,FLAT-04, 2ND FLOOR
16,GOALAPARA ROAD ,SASTITALA
BELGHARIA
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)

TOP TOPPER 5%

This certificate is awarded to

PRITAM BISWAS

for successfully completing the course

Consumer Psychology

with a consolidated score of **88** %

Online Assignments	22.08/25	Proctored Exam	66/75

Total number of candidates certified in this course: **1544**

Jul-Sep 2021
(8 week course)

Prof. Hemant B Kaushik
Head, Center for Educational Technology
NPTEL Coordinator, IIT Guwahati

Indian Institute of Technology Guwahati

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: NPTEL21CS86S33830328

To
PRITAM NANDI
AGARPARA RAM MALIR MATH, A.P.C ROY ROAD
AGARPARA RAM MALIR MATH, A.P.C ROY ROAD
KOLKATA
WEST BENGAL - 700111
PH. NO :6291952502

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 NANDI

for successfully completing the course

Big Data Computing

with a consolidated score of **66** %

Online Assignments	25/25	Proctored Exam	40.5/75

Total number of candidates certified in this course: **1394**

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

Aug-Oct 2021
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

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: NPTEL21HS64S13770862

To
PRITAM GHOSH
12/1/2/2 AMULYA CHARAN ROY LANE
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

Consumer Psychology

with a consolidated score of **81** %

Online Assignments	21.04/25	Proctored Exam	60/75

Total number of candidates certified in this course: **1544**

Jul-Sep 2021
(8 week course)

Prof. Hemant B Kaushik
Head, Center for Educational Technology
NPTEL Coordinator, IIT Guwahati

Indian Institute of Technology Guwahati

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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

Roll No: NPTEL22HS34S23702408

To
PRIYABRATA SATPATHY
VILL.- CHORMUNDI, P.O-MALINCHA
P.S.-BELIABERAH ,DIST.-JHARGRAM
GOPIBALLAVPUR
WEST BENGAL - 721517
PH. NO :9382540549

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

No. of credits recommended by NPTEL:2
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

PRIYABRATA SATPATHY

for successfully completing the course

Technical English for Engineers

with a consolidated score of **75** %

Online Assignments	20.42/25	Proctored Exam	54.75/75

Total number of candidates certified in this course: **2952**

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

Feb-Apr 2022
(8 week course)

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras

Indian Institute of Technology Madras

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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

Roll No: NPTEL22CS42S43702203

To
PRIYANSHU GUPTA
H.I.T. QUARTER, BLOCK-29, TYPE-III(R)
FLAT NO. 5
HOWRAH
WEST BENGAL - 711101
PH. NO :9831997833

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

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

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

PRIYANSHU GUPTA

for successfully completing the course

An Introduction to Programming through C++

with a consolidated score of **70** %

Online Assignments	22.68/25	Programming Assignment	16.07/25	Proctored Exam	31.5/50

Total number of candidates certified in this course: **2183**

Jan-Apr 2022
(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

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

Roll No: NPTEL21CS54S23830957

To
PUSPITA POLLEY
45/1 KALI BANERJEE LANE , HOWRAH-711101
WEST BENGAL - 711101
PH. NO :919123906951

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

PUSPITA POLLEY

for successfully completing the course

Problem Solving through Programming in C

with a consolidated score of **75** %

Online Assignments	25/25	Programming Exam	25/25	Proctored Exam	24.5/50

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

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

Jul-Oct 2021
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

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: NPTEL21HS57S43830729

To
PUSPITA POLLEY
45/1 KALI BANERJEE LANE , HOWRAH-711101
WEST BENGAL - 711101
PH. NO :919123906951

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

PUSPITA POLLEY

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of **61** %

Online Assignments	23.08/25	Proctored Exam	37.46/75

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

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

Aug-Oct 2021
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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

Roll No: NPTEL22CS53S23702431

To
PUSPITA POLLEY
45/1 KALI BANERJEE LANE , HOWRAH-711101
WEST BENGAL - 711101
PH. NO :919123906951

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

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

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

PUSPITA POLLEY

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **58** %

Online Assignments	24.78/25	Proctored Exam	33.68/75

Total number of candidates certified in this course: **6573**

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Apr 2022
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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

Roll No: NPTEL22HS08S43702312

To
MOUMITA DAS
49 P.K. GUHA ROAD DUM DUM CANTONMENT
DEB INDIA GARDEN, BLOCK-II FLAT-4/D
KOLKATA
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:2
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

MOUMITA DAS

for successfully completing the course

Enhancing Soft Skills and Personality

with a consolidated score of **83** %

Online Assignments	23.33/25	Proctored Exam	59.42/75

Total number of candidates certified in this course: **9994**

Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Feb-Apr 2022
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

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: NPTEL21HS64S23771106

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

Consumer Psychology

with a consolidated score of **86** %

Online Assignments	22.71/25	Proctored Exam	63/75

Total number of candidates certified in this course: **1544**

Jul-Sep 2021
(8 week course)

Prof. Hemant B Kaushik
Head, Center for Educational Technology
NPTEL Coordinator, IIT Guwahati

Indian Institute of Technology Guwahati

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: NPTEL21HS64S23771182

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

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

RICK ROY

for successfully completing the course

Consumer Psychology

with a consolidated score of **79** %

Online Assignments	18.96/25	Proctored Exam	60/75

Total number of candidates certified in this course: **1544**

Jul-Sep 2021
(8 week course)

Prof. Hemant B Kaushik
Head, Center for Educational Technology
NPTEL Coordinator, IIT Guwahati

Indian Institute of Technology Guwahati

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: NPTEL21CS85S23771172

To
RIKTAM KUNDU
6-M.G. ROAD, PATNA VIVEKANANDA PALLY
P.O & P.S - NIMTA
KOLKATA
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: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

RIKTAM KUNDU

for successfully completing the course

Introduction to Machine Learning

with a consolidated score of **71** %

Online Assignments	22.5/25	Proctored Exam	48/75

Total number of candidates certified in this course: **1383**

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

Jul-Sep 2021
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

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: NPTEL21CS54S23831021

To
SUMIT PAUL
3, ARAVINDA SARANI, DUM DUM AIRPORT
WEST BENGAL - 700079
PH. NO :9088925230

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

SUMIT PAUL

for successfully completing the course

Problem Solving through Programming in C

with a consolidated score of **82** %

Online Assignments	24.5/25	Programming Exam	25/25	Proctored Exam	32/50

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

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

Jul-Oct 2021
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

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: NPTEL21CS83S23771140

To
SUMIT PAUL
3, ARAVINDA SARANI, DUM DUM AIRPORT
WEST BENGAL - 700079
PH. NO :9088925230

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

SUMIT PAUL

for successfully completing the course

Theory of Computation

with a consolidated score of **58** %

Online Assignments	21.33/25	Proctored Exam	36.74/75

Total number of candidates certified in this course: **158**

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

Jul-Sep 2021
(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: NPTEL21HS76S43830814

To
SUMIT PAUL
3, ARAVINDA SARANI, DUM DUM AIRPORT
WEST BENGAL - 700079
PH. NO :9088925230

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

SUMIT PAUL

for successfully completing the course

Soft Skills

with a consolidated score of **80** %

Online Assignments	23.28/25	Proctored Exam	57/75

Total number of candidates certified in this course: **7293**

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

Jul-Oct 2021
(12 week course)

Priti Maheshwari

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee

Indian Institute of Technology Roorkee

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: NPTEL21HS64S23771260

To
RISHAV JAIN
COLLEGE ROAD KARIMPUR NADIA
GOPAL BANERJEE LANE FAZIR BAZAR HOWAH
KARIMPUR
WEST BENGAL - 741152
PH. NO :8240690594

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

RISHAV JAIN

for successfully completing the course

Consumer Psychology

with a consolidated score of **51** %

Online Assignments	21.25/25	Proctored Exam	30/75

Total number of candidates certified in this course: **1544**

Jul-Sep 2021
(8 week course)

Prof. Hemant B Kaushik
Head, Center for Educational Technology
NPTEL Coordinator, IIT Guwahati

Indian Institute of Technology Guwahati

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: NPTEL21HS57S43830801

To
ROHIT KUMAR PAUL
99/1L/1, BIDHAN SARANI, KOLKATA 700004.
WEST BENGAL - 700004
PH. NO :919836616765

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

ROHIT KUMAR PAUL

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of **62** %

Online Assignments	22.83/25	Proctored Exam	39.15/75

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

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

Aug-Oct 2021
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

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: NPTEL21HS64S23771340

To
ROHIT KUMAR PAUL
99/1L/1, BIDHAN SARANI, KOLKATA 700004.
WEST BENGAL - 700004
PH. NO :919836616765

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

ROHIT KUMAR PAUL

for successfully completing the course

Consumer Psychology

with a consolidated score of **79** %

Online Assignments	22.29/25	Proctored Exam	57/75

Total number of candidates certified in this course: **1544**

Jul-Sep 2021
(8 week course)

Prof. Hemant B Kaushik
Head, Center for Educational Technology
NPTEL Coordinator, IIT Guwahati

Indian Institute of Technology Guwahati

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: NPTEL21MM28S13770885

To
ROHIT KUMAR PAUL
99/1L/1, BIDHAN SARANI, KOLKATA 700004.
WEST BENGAL - 700004
PH. NO :919836616765

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

ROHIT KUMAR PAUL

for successfully completing the course

An Introduction to Materials: Nature And Properties (Part 1: Structure Of Materials)

with a consolidated score of **50** %

Online Assignments	18.79/25	Proctored Exam	31.25/75

Total number of candidates certified in this course: **25**

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

Jul-Sep 2021
(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.

Roll No: NPTEL22CS31S23702563

To
ROHIT KUMAR PAUL
99/1L/1, BIDHAN SARANI, KOLKATA 700004.
WEST BENGAL - 700004
PH. NO :919836616765

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

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

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

ROHIT KUMAR PAUL

for successfully completing the course

The Joy of Computing using Python

with a consolidated score of **70** %

Online Assignments	24.88/25	Programming Exam	25/25	Proctored Exam	20/50

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

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Apr 2022
(12 week course)

Prof. Andrew Thangaraj
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: NPTEL21CS85S13130006

To
RONAK BANERJEE
VILL+POST- BIBARDA
PS- TALDANGRA, DIST- BANKURA
BANKURA
WEST BENGAL - 722152
PH. NO :8617092808

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

RONAK BANERJEE

for successfully completing the course

Introduction to Machine Learning

with a consolidated score of **71** %

Online Assignments	23.42/25	Proctored Exam	47.25/75

Total number of candidates certified in this course: **1383**

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

Jul-Sep 2021
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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

Roll No: NPTEL22CS31S23702575

To
SURAJ ROY
339, PANCHANNAGRAM, P.O.-TILJALA
KOLKATA-700039, WEST BENGAL.
KOLKATA
WEST BENGAL - 700039
PH. NO :9874292630

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

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

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SURAJ ROY

for successfully completing the course

The Joy of Computing using Python

with a consolidated score of **79** %

Online Assignments	24.88/25	Programming Exam	25/25	Proctored Exam	29.26/50

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

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Apr 2022
(12 week course)

Prof. Andrew Thangaraj
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.

Roll No: NPTEL22HS07S43751119

To
SURAJ ROY
339, PANCHANNAGRAM, P.O.-TILJALA
KOLKATA-700039, WEST BENGAL.
KOLKATA
WEST BENGAL - 700039
PH. NO :9874292630

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

No. of credits recommended by NPTEL:2
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SURAJ ROY

for successfully completing the course

Soft Skill Development

with a consolidated score of **68** %

Online Assignments	22.5/25	Proctored Exam	45/75

Total number of candidates certified in this course: **8130**

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Mar 2022
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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

Roll No: NPTEL22CS43S13701553

To
REET ROY
HNO-31,NEAR CHINGANI PRIMARY SCHOOL
PO+VILLAGE- CHINGANI
BANKURA
WEST BENGAL - 722152
PH. NO :7585080997

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

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

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

REET ROY

for successfully completing the course

Programming in Modern C++

with a consolidated score of **72** %

Online Assignments	23.6/25	Programming Exam	17.75/25	Proctored Exam	30.63/50

Total number of candidates certified in this course: **262**

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Apr 2022
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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

Roll No: NPTEL22DE05S23702586

To
RITIK ROSHAN SAHU
GAHAMARI NAGAR HATIARA SARIF RAJARHAT
GOPALPUR(M), NORTH 24 PARGANAS
KOLKATA
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 MoE, Govt. of India)

This certificate is awarded to

RITIK ROSHAN SAHU

for successfully completing the course

Design, Technology and Innovation

with a consolidated score of **82** %

Online Assignments	23.42/25	Proctored Exam	58.75/75

Total number of candidates certified in this course: **347**

Feb-Apr 2022
(8 week course)

Prof. Sridhar Iyer
Head CDEEP & NPTEL Coordinator
IIT Bombay

Indian Institute of Technology Bombay

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No:NPTEL22DE05S23702586 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: NPTEL21CS54S23831053

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

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

RUBINA KHATOON

for successfully completing the course

Problem Solving through Programming in C

with a consolidated score of **79** %

Online Assignments	25/25	Programming Exam	25/25	Proctored Exam	28.5/50

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

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

Jul-Oct 2021
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

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: NPTEL21CS83S23771232

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

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

RUBINA KHATOON

for successfully completing the course

Theory of Computation

with a consolidated score of **62** %

Online Assignments	20.83/25	Proctored Exam	41/75

Total number of candidates certified in this course: **158**

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

Jul-Sep 2021
(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: NPTEL21HS57S43830825

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

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

RUBINA KHATOON

for successfully completing the course

Developing Soft Skills and Personality

with a consolidated score of **70** %

Online Assignments	23/25	Proctored Exam	46.94/75

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

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

Aug-Oct 2021
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

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: NPTEL21MG60S13430102

To
SALONI ROY
2/42 ROCKY PATH ,SAIL COOPERATIVE
CITY CENTRE ,DURGAPUR - 713216
DURGAPUR
WEST BENGAL - 713216
PH. NO :9679692935

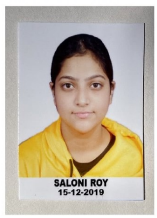
Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

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

SALONI ROY

for successfully completing the course

Ethics in Engineering Practice

with a consolidated score of **87** %

Online Assignments	23.75/25	Proctored Exam	63/75

Total number of candidates certified in this course: **1029**

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

Aug-Oct 2021
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

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: NPTEL21MG60S23180133

To
SAMIK SARKAR
PURBASHA , KANTHALTALA ,
GHOLA KANCHARI ROAD , BARASAT
BARASAT
WEST BENGAL - 700124
PH. NO :8961845230

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

SAMIK SARKAR

for successfully completing the course

Ethics in Engineering Practice

with a consolidated score of **70** %

Online Assignments	22.08/25	Proctored Exam	48/75

Total number of candidates certified in this course: **1029**

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

Aug-Oct 2021
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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

Roll No: NPTEL22CS45S23702671

To
SAMIK SARKAR
PURBASHA , KANTHALTALA ,
GHOLA KANCHARI ROAD , BARASAT
BARASAT
WEST BENGAL - 700124
PH. NO :8961845230

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

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

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SAMIK SARKAR

for successfully completing the course

Problem Solving through Programming in C

with a consolidated score of **71** %

Online Assignments	21.56/25	Programming Exam	25/25	Proctored Exam	24/50

Total number of candidates certified in this course: **2233**

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Apr 2022
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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

Roll No: NPTEL22DE05S23702696

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 MoE, Govt. of India)

This certificate is awarded to

SANDEEP SHARMA

for successfully completing the course

Design, Technology and Innovation

with a consolidated score of **81** %

Online Assignments	23.42/25	Proctored Exam	57.75/75

Total number of candidates certified in this course: **347**

Feb-Apr 2022
(8 week course)

Prof. Sridhar Iyer
Head CDEEP & NPTEL Coordinator
IIT Bombay

Indian Institute of Technology Bombay

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: NPTEL21MG60S13830467

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

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

SANGRAM MODAK

for successfully completing the course

Ethics in Engineering Practice

with a consolidated score of **75** %

Online Assignments	21.67/25	Proctored Exam	53.5/75

Total number of candidates certified in this course: **1029**

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

Aug-Oct 2021
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

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: NPTEL21HS64S23220089

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

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

SANJIB KUMAR MAITY

for successfully completing the course

Consumer Psychology

with a consolidated score of **86** %

Online Assignments	22.71/25	Proctored Exam	63/75

Total number of candidates certified in this course: **1544**

Jul-Sep 2021
(8 week course)

Prof. Hemant B Kaushik
Head, Center for Educational Technology
NPTEL Coordinator, IIT Guwahati

Indian Institute of Technology Guwahati

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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

Roll No: NPTEL22CS54S43751144

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

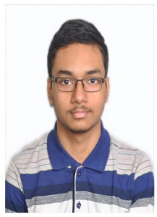
Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:2
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



TOP TOPPER 5%

This certificate is awarded to

SANKHADEEP MAZUMDER

for successfully completing the course

Introduction to Soft Computing

with a consolidated score of **90** %

Online Assignments	23.38/25	Proctored Exam	67/75

Total number of candidates certified in this course: **639**

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Mar 2022
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

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: NPTEL21CS83S23771326

To
SANTANU GHOSH
BADAMTALA BHATENDA
RAJARHAT
KOLKATA
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)

TOP TOPPER 5%

This certificate is awarded to

SANTANU GHOSH

for successfully completing the course

Theory of Computation

with a consolidated score of **79** %

Online Assignments	22.46/25	Proctored Exam	56.63/75

Total number of candidates certified in this course: **158**

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

Jul-Sep 2021
(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.

Roll No: NPTEL22MM21S43751664

To
SAMIUL SARDAR
VILLAGE - CHAKBARIA, P.O. - KUSTIA
P.S. - SONARPUR
SONARPUR
WEST BENGAL - 743330
PH. NO :8945559823

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

No. of credits recommended by NPTEL:2
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SAMIUL SARDAR

for successfully completing the course

Surface Engineering of Nanomaterials

with a consolidated score of **77** %

Online Assignments	22.92/25	Proctored Exam	54/75

Total number of candidates certified in this course: **65**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Mar 2022
(8 week course)

Priti Maheshwari

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee

Indian Institute of Technology Roorkee

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No:NPTEL22MM21S43751664

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: NPTEL21MM18S43020152

To
JYOTISHMAN SARKAR
CHOUTARA,KAIKALA,HOOGHLY,PIN-712405
BELIAGHATA,KOLKATA 700010
HARIPAL,HOOGHLY
WEST BENGAL - 712405
PH. NO :7427980294

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

JYOTISHMAN SARKAR

for successfully completing the course

Techniques of Material Characterization

with a consolidated score of **53** %

Online Assignments	11.85/25	Proctored Exam	41.25/75

Total number of candidates certified in this course: **46**

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

Jul-Oct 2021
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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

Roll No: NPTEL22HS07S43020227

To
JYOTISHMAN SARKAR
CHOUTARA,KAIKALA,HOOGHLY,PIN-712405
BELIAGHATA,KOLKATA 700010
HARIPAL,HOOGHLY
WEST BENGAL - 712405
PH. NO :7427980294

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

No. of credits recommended by NPTEL:2
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

JYOTISHMAN SARKAR

for successfully completing the course

Soft Skill Development

with a consolidated score of **69** %

Online Assignments	20.29/25	Proctored Exam	48.75/75

Total number of candidates certified in this course: **8130**

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Mar 2022
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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

Roll No: NPTEL22CS44S23702751

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

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

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

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SATHI ROY

for successfully completing the course

Blockchain and its Applications

with a consolidated score of **52** %

Online Assignments	22.44/25	Proctored Exam	30/75

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

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Apr 2022
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

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: NPTEL21CS62S23831167

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

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 MONDAL

for successfully completing the course

Cloud Computing

with a consolidated score of **61** %

Online Assignments	20.17/25	Proctored Exam	40.42/75

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

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

Aug-Oct 2021
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

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: NPTEL21CS83S23771516

To
SAYAN MONDAL
GORBAGAN, CHICKRAND (JANAI ROAD)
NEAR GORBAGAN DURGATALA
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

Theory of Computation

with a consolidated score of **72** %

Online Assignments	22.38/25	Proctored Exam	49.5/75

Total number of candidates certified in this course: **158**

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

Jul-Sep 2021
(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: NPTEL21CS86S43180117

To
SAYANTAN ROY
ARUNACHAL,MADHYAMGRAM BAZAR
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: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

SAYANTAN ROY

for successfully completing the course

Big Data Computing

with a consolidated score of **68** %

Online Assignments	25/25	Proctored Exam	42.75/75

Total number of candidates certified in this course: **1394**

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

Aug-Oct 2021
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

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: NPTEL21CS56S23831151

To
RAUNAK DASGUPTA
SATISH KUNJ, 3 SARAT PALLY ROAD
FLAT 11 - 3RD FLOOR
KOLKATA
WEST BENGAL - 700070
PH. NO :8017778399

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

RAUNAK DASGUPTA

for successfully completing the course

Programming in Java

with a consolidated score of **65** %

Online Assignments	15.6/25	Programming Exam	25/25	Proctored Exam	24.08/50

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

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

Jul-Oct 2021
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

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: NPTEL21CS75S23750148

To
SHATANTIK SAHA
65/14, P.K. BHATTACHARJEE ROAD
NEDIARPARA
KRISHNAGAR
WEST BENGAL - 741101
PH. NO :8768409971

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

SHATANTIK SAHA

for successfully completing the course

The Joy of Computing using Python

with a consolidated score of **72** %

Online Assignments	24.94/25	Programming Exam	25/25	Proctored Exam	22/50

Total number of candidates certified in this course: **4694**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jul-Oct 2021
(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: NPTEL21MM28S13700042

To
SHATANTIK SAHA
65/14, P.K. BHATTACHARJEE ROAD
NEDIARPARA
KRISHNAGAR
WEST BENGAL - 741101
PH. NO :8768409971

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

SHATANTIK SAHA

for successfully completing the course

An Introduction to Materials: Nature And Properties (Part 1: Structure Of Materials)

with a consolidated score of **66** %

Online Assignments	18.75/25	Proctored Exam	46.75/75

Total number of candidates certified in this course: **25**

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

Jul-Sep 2021
(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.

Roll No: NPTEL22HS08S43702730

To
SHIV GHOSH
HNO. 267, BHUIYADIH
BHALUBASA, NEAR KALINDI CLUB
JAMSHEDPUR
JHARKHAND - 831009
PH. NO :7044617111

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

No. of credits recommended by NPTEL:2
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SHIV GHOSH

for successfully completing the course

Enhancing Soft Skills and Personality

with a consolidated score of **82** %

Online Assignments	23.54/25	Proctored Exam	58.89/75

Total number of candidates certified in this course: **9994**

Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Feb-Apr 2022
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No:NPTEL22HS08S43702730

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

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

Roll No: NPTEL22HS34S23702865

To
SHIV GHOSH
HNO. 267, BHUIYADIH
BHALUBASA, NEAR KALINDI CLUB
JAMSHEDPUR
JHARKHAND - 831009
PH. NO :7044617111

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

No. of credits recommended by NPTEL:2
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SHIV GHOSH

for successfully completing the course

Technical English for Engineers

with a consolidated score of **79** %

Online Assignments	22.5/25	Proctored Exam	56.25/75

Total number of candidates certified in this course: **2952**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Feb-Apr 2022
(8 week course)

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras

Indian Institute of Technology Madras

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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

Roll No: NPTEL22HS08S43702817

To
SINJINI DAM
PRADIP ABASAN,FLAT NO.1D
21 DURGABARI ROAD,DUM DUM CANTONMENT
KOLKATA
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:2
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SINJINI DAM

for successfully completing the course

Enhancing Soft Skills and Personality

with a consolidated score of **82** %

Online Assignments	21.88/25	Proctored Exam	59.63/75

Total number of candidates certified in this course: **9994**

Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Feb-Apr 2022
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No:NPTEL22HS08S43702817

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: NPTEL21CS85S23771478

To
SOHAM SINHA
59/9 AVENUE SOUTH
FIRST FLOOR,FLAT 2A
KOLKATA
WEST BENGAL - 700075
PH. NO :8777096905

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

SOHAM SINHA

for successfully completing the course

Introduction to Machine Learning

with a consolidated score of **68** %

Online Assignments	23.92/25	Proctored Exam	44.25/75

Total number of candidates certified in this course: **1383**

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

Jul-Sep 2021
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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

Roll No: NPTEL22CS33S43702857

To
SOHAM SADHUKHAN
22/7/2/1 ABINASH BANERJEE LANE
HOWRAH, SHIBPUR
HOWRAH
WEST BENGAL - 711104
PH. NO :6289553292

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

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

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SOHAM SADHUKHAN

for successfully completing the course

Discrete Mathematics

with a consolidated score of **45** %

Online Assignments	15.47/25	Proctored Exam	30/75

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

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

Jan-Apr 2022
(12 week course)

Prof. Andrew Thangaraj
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: NPTEL21CS86S43830917

To
SOMBIT BOSE
2/2 R DR PANCHANAN MITRA LANE,
NEAR SURAKANYA SCHOOL
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)

This certificate is awarded to

SOMBIT BOSE

for successfully completing the course

Big Data Computing

with a consolidated score of **75** %

Online Assignments	25/25	Proctored Exam	49.5/75

Total number of candidates certified in this course: **1394**

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

Aug-Oct 2021
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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

Roll No: NPTEL22CS44S23650461

To
SOMNATH BERA
SANTOSHPUR,TARAKESWAR,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:3
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SOMNATH BERA

for successfully completing the course

Blockchain and its Applications

with a consolidated score of **62** %

Online Assignments	23.19/25	Proctored Exam	38.88/75

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

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Apr 2022
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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

Roll No: NPTEL22CS53S23703010

To
SOUHARDYA MANDAL
GCECT BOYS HOSTEL, GCECT CAMPUS
73,ABINASH CH. BANERJEE LANE
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 MoE, Govt. of India)

This certificate is awarded to

SOUHARDYA MANDAL

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **64** %

Online Assignments	23.94/25	Proctored Exam	39.8/75

Total number of candidates certified in this course: **6573**

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Apr 2022
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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

Roll No: NPTEL22CS20S43702913

To
SOUJIT DUTTA
PLOT NO- 550, BASUNAGAR,
MADHYAMGRAM
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:3
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SOUJIT DUTTA

for successfully completing the course

Cloud Computing

with a consolidated score of **45** %

Online Assignments	10/25	Proctored Exam	35.2/75

Total number of candidates certified in this course: **4701**

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Apr 2022
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

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: NPTEL21MG71S23710198

To
SOURAV MONDAL
I.G. MINT COLONY,G TYPE,QTR. NO. 51/52
TARATALA, KOLKATA 700053, WEST BENGAL
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

Project Management

with a consolidated score of **54** %

Online Assignments	24.38/25	Proctored Exam	30/75

Total number of candidates certified in this course: **299**

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

Jul-Sep 2021
(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.

Roll No: NPTEL22CS31S23703132

To
SRIJAN MAJUMDAR
FLAT NO-D,1ST FLOOR,BLOCK NO-3
FAIR RESIDENCY,NEAR ARATI CINEMA HALL
MADHYAMGRAM
WEST BENGAL - 700130
PH. NO :8882671648

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

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

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SRIJAN MAJUMDAR

for successfully completing the course

The Joy of Computing using Python

with a consolidated score of **82** %

Online Assignments	24.22/25	Programming Exam	25/25	Proctored Exam	32.98/50

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

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Apr 2022
(12 week course)

Prof. Andrew Thangaraj
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: NPTEL21MG60S13830579

To
SRIJIT BASU
P 12-B MADAN MOHAN TALA STREET
KOLKATA-700005
KOLKATA
WEST BENGAL [WB] - 700005
PH. NO :6290348377

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

SRIJIT BASU

for successfully completing the course

Ethics in Engineering Practice

with a consolidated score of **62** %

Online Assignments	21.67/25	Proctored Exam	40.5/75

Total number of candidates certified in this course: **1029**

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

Aug-Oct 2021
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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

Roll No: NPTEL22CS45S23703136

To
SRIJIT BASU
P 12-B MADAN MOHAN TALA STREET
KOLKATA-700005
KOLKATA
WEST BENGAL [WB] - 700005
PH. NO :6290348377

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

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

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SRIJIT BASU

for successfully completing the course

Problem Solving through Programming in C

with a consolidated score of **69** %

Online Assignments	20.38/25	Programming Exam	25/25	Proctored Exam	23.5/50

Total number of candidates certified in this course: **2233**

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Apr 2022
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

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: NPTEL21CS86S43831066

To
SUBHADIP NAYEK
BARUIPUR, SUPER SPECIALITY HOSPITAL
S 24 PARGANAS , KOL -700144 WEST BENGAL
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

Big Data Computing

with a consolidated score of **67** %

Online Assignments	25/25	Proctored Exam	42/75

Total number of candidates certified in this course: **1394**

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

Aug-Oct 2021
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

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: NPTEL21CS62S23831400

To
SUBHAJIT BOKSHI
73 A C BAERJEE LANE
RASHMONI BAZAR, BELIAGHATA
KOLKATA
WEST BENGAL - 700010
PH. NO :9116450742

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

SUBHAJIT BOKSHI

for successfully completing the course

Cloud Computing

with a consolidated score of **40** %

Online Assignments	10.33/25	Proctored Exam	30/75

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

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

Aug-Oct 2021
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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

Roll No: NPTEL22HS08S43703057

To
SUBHAJIT BOKSHI
73 A C BAERJEE LANE
RASHMONI BAZAR, BELIAGHATA
KOLKATA
WEST BENGAL - 700010
PH. NO :9116450742

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

No. of credits recommended by NPTEL:2
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SUBHAJIT BOKSHI

for successfully completing the course

Enhancing Soft Skills and Personality

with a consolidated score of **64** %

Online Assignments	18.54/25	Proctored Exam	45.26/75

Total number of candidates certified in this course: **9994**

Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Feb-Apr 2022
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No:NPTEL22HS08S43703057

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

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

Roll No: NPTEL22CS45S23703235

To
SUKANYA SAHA
11-NOV
BIJOYGARH
KOLKATA
WEST BENGAL - 700032
PH. NO :6289798316

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

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

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SUKANYA SAHA

for successfully completing the course

Problem Solving through Programming in C

with a consolidated score of **71** %

Online Assignments	24.38/25	Programming Exam	25/25	Proctored Exam	21.5/50

Total number of candidates certified in this course: **2233**

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Apr 2022
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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

Roll No: NPTEL22HS08S43703107

To
SUKANYA SAHA
11-NOV
BIJOYGARH
KOLKATA
WEST BENGAL - 700032
PH. NO :6289798316

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

No. of credits recommended by NPTEL:2
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SUKANYA SAHA

for successfully completing the course

Enhancing Soft Skills and Personality

with a consolidated score of **78** %

Online Assignments	22.92/25	Proctored Exam	55.33/75

Total number of candidates certified in this course: **9994**

Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Feb-Apr 2022
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

Roll No:NPTEL22HS08S43703107

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

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

Roll No: NPTEL22CS45S23703254

To
SUMAN ROY
VILL-NAHAPAR, P. O. -KHATNAGAR
DIST. -PASCHIM MEDINIPUR
KHARAGPUR
WEST BENGAL - 721451
PH. NO :7719171154

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

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

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

TOP TOPPER 1%

This certificate is awarded to

SUMAN ROY

for successfully completing the course

Problem Solving through Programming in C

with a consolidated score of **93** %

Online Assignments	24.88/25	Programming Exam	25/25	Proctored Exam	43.5/50

Total number of candidates certified in this course: **2233**

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Apr 2022
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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

Roll No: NPTEL22CS31S23703266

To
SUMIT RAJAK
115/71 PALASH SARANI,BHADRAKALI.
BHADRAKALI.HOOGHLY-7112232
UTTARPARA
WEST BENGAL - 712232
PH. NO :9903613256

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

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

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SUMIT RAJAK

for successfully completing the course

The Joy of Computing using Python

with a consolidated score of **76** %

Online Assignments	25/25	Programming Exam	25/25	Proctored Exam	25.53/50

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

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Apr 2022
(12 week course)

Prof. Andrew Thangaraj
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.

Roll No: NPTEL22HS07S43751471

To
SUMIT RAJAK
115/71 PALASH SARANI,BHADRAKALI.
BHADRAKALI.HOOGHLY-7112232
UTTARPARA
WEST BENGAL - 712232
PH. NO :9903613256

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

No. of credits recommended by NPTEL:2
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SUMIT RAJAK

for successfully completing the course

Soft Skill Development

with a consolidated score of **61** %

Online Assignments	22.79/25	Proctored Exam	38.25/75

Total number of candidates certified in this course: **8130**

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Mar 2022
(8 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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

Roll No: NPTEL22CS42S43140083

To
SUMAN SENGUPTA
93/3 ARABINDA NAGAR, BANKURA (M)
RAMPUR JUNBEDIA ROAD
BANKURA
WEST BENGAL - 722101
PH. NO :7908304170

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

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

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SUMAN SENGUPTA

for successfully completing the course

An Introduction to Programming through C++

with a consolidated score of **61** %

Online Assignments	23.36/25	Programming Assignment	17.86/25	Proctored Exam	20/50

Total number of candidates certified in this course: **2183**

Jan-Apr 2022
(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

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

Roll No: NPTEL22CS45S23140094

To
SUMAN SENGUPTA
93/3 ARABINDA NAGAR, BANKURA (M)
RAMPUR JUNBEDIA ROAD
BANKURA
WEST BENGAL - 722101
PH. NO :7908304170

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

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

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SUMAN SENGUPTA

for successfully completing the course

Problem Solving through Programming in C

with a consolidated score of **70** %

Online Assignments	24.94/25	Programming Exam	25/25	Proctored Exam	20/50

Total number of candidates certified in this course: **2233**

Prof. Jayanta Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Apr 2022
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

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: NPTEL21CS83S23700088

To
DEBMALYA SUR
66/5 GIRISH GHOSAL ROAD, NAIHATI, NORTH
24 PGS
NAIHATI
WEST BENGAL - 743165
PH. NO :9330427919

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

DEBMALYA SUR

for successfully completing the course

Theory of Computation

with a consolidated score of **85** %

Online Assignments	22.33/25	Proctored Exam	62.63/75

Total number of candidates certified in this course: **158**

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

Jul-Sep 2021
(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: NPTEL21HS64S23771643

To
TANMOY BHUINYA
VILL. & P.O.- MANSINGHAPUR,
MANSINGHAPUR, BARGACHIA -2, J.B.PUR
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

Consumer Psychology

with a consolidated score of **69** %

Online Assignments	21.46/25	Proctored Exam	48/75

Total number of candidates certified in this course: **1544**

Jul-Sep 2021
(8 week course)

Prof. Hemant B Kaushik
Head, Center for Educational Technology
NPTEL Coordinator, IIT Guwahati

Indian Institute of Technology Guwahati

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: NPTEL21CS83S13150013

To
AKASH ROY
BARASAT NOAPARA KALIBARI ROAD KOLKATA
BARASAT NOAPARA KALIBARI ROAD
BARASAT
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

Theory of Computation

with a consolidated score of **70** %

Online Assignments	21.33/25	Proctored Exam	48.99/75

Total number of candidates certified in this course: **158**

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

Jul-Sep 2021
(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: NPTEL21CS86S43750073

To
TIRTHADWEEP PRAMANIK
C/O NITAIDAS PRAMANIK
H/O TAPAN KUMAR ROY,BUDHBARHUTTALA
BETHUADAHARI
WEST BENGAL - 741126
PH. NO :8967190139

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

TIRTHADWEEP PRAMANIK

for successfully completing the course

Big Data Computing

with a consolidated score of **55** %

Online Assignments	25/25	Proctored Exam	30/75

Total number of candidates certified in this course: **1394**

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

Aug-Oct 2021
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

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: NPTEL21CS54S23831546

To
SHREYA CHATTERJEE
22,HATEM MUNSHI LANE, ALAMBAZAR
NEAR KALAKARPARA DURGA PUJA SPOT
KOLKATA
WEST BENGAL - 700035
PH. NO :7980876362

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

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

Elite

NPTEL Online Certification

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

This certificate is awarded to

SHREYA CHATTERJEE

for successfully completing the course

Problem Solving through Programming in C

with a consolidated score of **70** %

Online Assignments	24.88/25	Programming Exam	25/25	Proctored Exam	20/50

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

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

Jul-Oct 2021
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

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: NPTEL21HS76S43831131

To
SHREYA CHATTERJEE
22,HATEM MUNSHI LANE, ALAMBAZAR
NEAR KALAKARPARA DURGA PUJA SPOT
KOLKATA
WEST BENGAL - 700035
PH. NO :7980876362

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

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

Elite

NPTEL Online Certification

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

This certificate is awarded to

SHREYA CHATTERJEE

for successfully completing the course

Soft Skills

with a consolidated score of **73** %

Online Assignments	23.44/25	Proctored Exam	49.5/75

Total number of candidates certified in this course: **7293**

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

Jul-Oct 2021
(12 week course)

Priti Maheshwari

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee

Indian Institute of Technology Roorkee

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत

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

Roll No: NPTEL22CS18S43751656

To
SHREYA CHATTERJEE
22,HATEM MUNSHI LANE, ALAMBAZAR
NEAR KALAKARPARA DURGA PUJA SPOT
KOLKATA
WEST BENGAL - 700035
PH. NO :7980876362

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

No. of credits recommended by NPTEL:2
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SHREYA CHATTERJEE

for successfully completing the course

Cloud Computing and Distributed Systems

with a consolidated score of **75** %

Online Assignments	22.33/25	Proctored Exam	52.75/75

Total number of candidates certified in this course: **943**

Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Jan-Mar 2022
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

FREE ONLINE EDUCATION swayam शिक्षित भारत, उन्नत भारत