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Roll No: NPTEL20AE02S1853086

To

ABHISHEK MN  
#25,ASHIRVADHA NILAYA,CHAYAMMA LAYOUT  
VIDYA NAGAR  
SHIMOGA  
KARNATAKA - 577203  
PH. NO :8970437537



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

**ABHISHEK MN**

for passing the course

**Rocket Propulsion**

with Score\* **92** %

Covid-19  
impacted  
January 2020  
semester

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

Jan-Apr 2020  
(12 week course)

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



Indian Institute of Technology Madras



\*Continuous online assessment score

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

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Roll No: NPTEL20AE03S1984884

To  
PRABHANJAN M  
#90, "SRI PADUKA", SURYA LAYOUT,  
VINOBANAGAR, SHIMOGA  
SHIMOGA  
KARNATAKA-577204  
PH. NO :9845328737



No. of credits recommended by NPTEL:1

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



# NPTEL Online Certification

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



This certificate is awarded to

**PRABHANJAN M**

for passing the course

**Aircraft Maintenance**

with Score\* **93** %

Covid-19  
impacted  
January 2020  
semester

**Prof. Rajesh M. Hegde**

Chairman, Centre for Continuing Education  
IIT Kanpur

Jan-Feb 2020  
(4 week course)

**Prof. Satyaki Roy**

NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



\*Continuous online assessment score

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

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Roll No: NPTEL20CE12S1637898

To

BRUNDA.R.V  
#275, 5TH CROSS, ANJANEYA AGRAHARA  
NEWTOWN BHADRAVATHI  
BHADRAVATHI  
SHIMOGA  
KARNATAKA - 577301  
PH. NO :8105340093



No. of credits recommended by NPTEL:1

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



# NPTEL Online Certification

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



This certificate is awarded to

**BRUNDA.R.V**

for passing the course

**Electronic Waste Management - Issues and Challenges**

with Score\* **89** %

Covid-19  
impacted  
January 2020  
semester

A. Goswami

Prof. Adrijit Goswami

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur

Jan-Feb 2020

(4 week course)



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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



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Roll No: NPTEL20CE18S1510037

To  
ABHAY JAGADISH AGASIBAGALAVAR  
66, 1ST CROSS  
HOSMANE EXTENSION  
SHIMOGA  
KARNATAKA - 577201  
PH. NO :9481373593



No. of credits 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

**ABHAY JAGADISH AGASIBAGALAVAR**

for passing the course

**Digital Land Surveying and Mapping (DLS&M)**

with Score\* **84** %

Covid-19  
impacted  
January 2020  
semester

**Prof. V. C. Srivastava**

Coordinator, Continuing Education Centre  
IIT Roorkee

Feb-Apr 2020  
(8 week course)

**Prof. Inderdeep Singh**

NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



\*Continuous online assessment score

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



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

Roll No: NPTEL20CE40S52000089

To  
ABDUL REHMAN S  
#5,3RD CROSS ,TANK MOHALLA  
SHIVAMOGGA  
KARNATAKA - 577201  
PH. NO :7019552545



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

No. of credits recommended by NPTEL:1

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



# NPTEL Online Certification

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



This certificate is awarded to  
**ABDUL REHMAN S**  
for successfully completing the course

## Reinforced Concrete Road Bridges

with a consolidated score of **55** %

Online Assignments	19.17/25	Proctored Exam	36/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 111

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

Sep-Oct 2020  
(4 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



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

Roll No: NPTEL20CE41S32000105

To  
ABDUL REHMAN S  
#5,3RD CROSS ,TANK MOHALLA  
SHIVAMOGGA  
KARNATAKA - 577201  
PH. NO :7019552545



Score	Type 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  
**ABDUL REHMAN S**  
for successfully completing the course

## Matrix Method of Structural Analysis

with a consolidated score of **63** %

Online Assignments	20.42/25	Proctored Exam	42.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **38**

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

Sep-Nov 2020  
(8 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



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

Roll No: NPTEL20CE44S42000305

To  
SHASHANK A  
SHASHANK A S/O ANANDAPPA N ,  
#23 FIRE QUATRESS, 100 FEET ROAD  
GOPALA EXTENSION, SHIMOGA.  
KARNATAKA - 577205  
PH. NO :8277269635



Score	Type 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  
**SHASHANK A**  
for successfully completing the course

## Project Planning & Control

with a consolidated score of **57** %

Online Assignments	23.63/25	Proctored Exam	33/75
--------------------	----------	----------------	-------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **518**

Sep-Nov 2020  
(8 week course)

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras





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

Roll No: NPTEL20CS06S1320196

To

ARPITHA S V  
MATHRUSHREE NILAYA ABLOCK A60 9TH CROSS  
CITB LAYOUT  
GOPALA GOWDA EXTN  
SHIMOGA  
KARNATAKA - 577205  
PH. NO :8951958785



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

**ARPITHA S V**

for passing the course

**Problem Solving through Programming in C**

with Score\* **99** %

Covid-19  
impacted  
January 2020  
semester

A. Goswami

**Prof. Adrijit Goswami**

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur

Jan-Apr 2020

(12 week course)



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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

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

Roll No: NPTEL20CS06S1631098

To  
SUPRIYA B A  
NO253, "SUPRIYA" CBLOCK, GOPAL GOWDA  
EXTENTION  
SHIMOGA  
KARNATAKA-577204  
PH. NO :9482579262



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

**SUPRIYA B A**

for passing the course

**Problem Solving through Programming in C**

with Score\* **99** %

Covid-19  
impacted  
January 2020  
semester

A. Goswami

Prof. Adrijit Goswami

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur

Jan-Apr 2020  
(12 week course)



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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

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

Roll No: NPTEL20CS06S1695669

To  
NEHA K  
E91, E BLOCK, VASISHTA, 1ST  
MAIN, GOPALAGOWDA EXTENSION  
SHIVAMOGGA  
SHIMOGA  
KARNATAKA - 577205  
PH. NO : 6362675620



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

**NEHA K**

for passing the course

**Problem Solving through Programming in C**

with Score\* **96** %

Covid-19  
impacted  
January 2020  
semester

A. Goswami

Prof. Adrijit Goswami

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur

Jan-Apr 2020  
(12 week course)



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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



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Roll No: NPTEL20CS06S1809844

To  
SPOORTHI D A  
DOOR 14 SPOORTHI D A DO DINESH A S  
LINGAYATH STREET 1  
ARAHATHOLALU  
SHIMOGA  
KARNATAKA - 577243  
PH. NO :9901067450



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

**SPOORTHI D A**

for passing the course

**Problem Solving through Programming in C**

with Score\* **92** %

Covid-19  
impacted  
January 2020  
semester

A. Goswami

Prof. Adrijit Goswami

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur

Jan-Apr 2020  
(12 week course)



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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

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Roll No: NPTEL20CS06S1914915

To  
PRAJWAL M DIXIT  
HOUSE NO 32, MUTTUVALLI  
THIRTHAHALLI  
SHIMOGA  
KARNATAKA - 577432  
PH. NO :9480670596



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  
**PRAJWAL M DIXIT**  
for passing the course

**Problem Solving through Programming in C**

with Score\* **99** %

Covid-19  
impacted  
January 2020  
semester

A. Goswami

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

Jan-Apr 2020  
(12 week course)



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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

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Roll No: NPTEL20CS07S1487284

To

NANDEESH H U  
6TH CROSS, NEAR MOSQUE, KAVALGUNDHI,  
BHANDARAHALLI,  
BHADRAVATHI  
SHIMOGA  
KARNATAKA - 577301  
PH. NO :7026061715



No. of credits 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

**NANDEESH H U**

for passing the course

**Programming in C++**

with Score\* **99** %

Covid-19  
impacted  
January 2020  
semester

A. Goswami

**Prof. Adrijit Goswami**

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur

Jan-Mar 2020  
(8 week course)



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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



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Roll No: NPTEL20CS07S1972022

To

NAVANEETH N KAMATH  
SO NARENDRA KAMATH KS CO K SEETHARAM  
KAMATH & COAZAD ROAD ,KATPADI HOUSE  
THIRTHAHALLI  
SHIMOGA  
KARNATAKA - 577432  
PH. NO :9448171177



No. of credits 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  
**NAVANEETH N KAMATH**  
for passing the course  
**Programming in C++**

with Score\* **98** %

Covid-19  
impacted  
January 2020  
semester

A. Goswami

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

Jan-Mar 2020  
(8 week course)



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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

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Roll No: NPTEL20CS08S1113994

To  
SHRESTHA S BHARADWAJ  
DOOR NO. 98, 3RD CROSS, RAVINDRA NAGAR,  
SHIMOGA  
SHIMOGA  
KARNATAKA-577204  
PH. NO :6362639870



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  
**SHRESTHA S BHARADWAJ**  
for passing the course  
**Programming in Java**

with Score\* **100 %**



*A. Goswami*

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

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



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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

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Roll No: NPTEL20CS08S1224738

To

RATHAN KUMAR HR  
RATHAN KUMAR HR BHOVI COLONY LIBRARY  
BACKSIDE SUBBEGOWDA VIDYANAGARA SHIMOGGA

SHIMOGGA  
KARNATAKA-577201  
PH. NO :9611812992



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  
**RATHAN KUMAR HR**  
for passing the course

**Programming in Java**

with Score\* **99** %



*A. Goswami*

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

Jan-Apr 2020  
(12 week course)



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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



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

Roll No: NPTEL20CS08S1401893

To

NEHA CB  
NO.117 MALLIKARJUNA NILAYA A BLOCK 3RD  
MAINSHIVAPPANAYAKA EXTENSION  
SHIMOGA  
KARNATAKA-577204  
PH. NO :6362091295



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

**NEHA CB**

for passing the course

**Programming in Java**

with Score\* **91** %

Covid-19  
impacted  
January 2020  
semester

A. Goswami

**Prof. Adrijit Goswami**

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur

Jan-Apr 2020  
(12 week course)



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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

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Roll No: NPTEL20CS08S1501999

To

RAGHAVENDRA S  
#310, 2ND PHASE, BEHIND NALANDA COLLEGE,  
AKSHAY COLONY  
HUBBALLI  
DHARWAD  
KARNATAKA - 580030  
PH. NO :9482799802



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

**RAGHAVENDRA S**

for passing the course

**Programming in Java**

with Score\* **95** %

Covid-19  
impacted  
January 2020  
semester

A. Goswami

**Prof. Adrijit Goswami**

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur

Jan-Apr 2020  
(12 week course)



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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

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

Roll No: NPTEL20CS08S1524868

To  
SANKALP B GARUTHMAN  
SO VENUGOPALAN B, 'SNEHA SOURABHA', 12TH  
CROSS, 2ND STAGE, 60 FEET ROAD, VINOBANAGAR  
SHIMOGA  
KARNATAKA-577204  
PH. NO :8951864841



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  
**SANKALP B GARUTHMAN**  
for passing the course  
**Programming in Java**

with Score\* **99** %



*A. Goswami*

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

Jan-Apr 2020  
(12 week course)



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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



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

Roll No: NPTEL20CS08S1554219

To  
NANDEESH H U  
6TH CROSS, NEAR MOSQUE, KAVALGUNDHI,  
BHANDARAHALLI,  
BHADRAVATHI  
SHIMOGA  
KARNATAKA - 577301  
PH. NO :7026061715



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

**NANDEESH H U**

for passing the course

**Programming in Java**

with Score\* **98** %

Covid-19  
impacted  
January 2020  
semester

A. Goswami

**Prof. Adrijit Goswami**

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur

Jan-Apr 2020  
(12 week course)



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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

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

Roll No: NPTEL20CS08S1576660

To  
MADHU H R  
12  
HULEGARU  
SHIMOGA  
KARNATAKA - 577401  
PH. NO :9481008280



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

**MADHU H R**

for passing the course

**Programming in Java**

with Score\* **97** %

Covid-19  
impacted  
January 2020  
semester

A. Goswami

**Prof. Adrijit Goswami**

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur

Jan-Apr 2020  
(12 week course)



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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

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

Roll No: NPTEL20CS08S1578217

To

ZAHEER ABBAS  
RAHAMANIYA COMPOUND, 1ST CROSS INDIRA  
NAGAR, OLD TOWN BHADRAVATHI  
BHADRAVATHI  
SHIMOGA  
KARNATAKA - 577301  
PH. NO :8073240928



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

**ZAHEER ABBAS**

for passing the course

**Programming in Java**

with Score\* **100 %**

Covid-19  
impacted  
January 2020  
semester

A. Goswami

**Prof. Adrijit Goswami**

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur

Jan-Apr 2020  
(12 week course)



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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



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

Roll No: NPTEL20CS08S1598223

To

PRASAD PATEL H E  
#235 VEERABHADRESHWARA NILAYA OPP  
RAILWAY TRACK ROAD,2ND BLOCK,VINOBANAGAR  
SHIVAMOGGA  
SHIMOGA  
KARNATAKA - 577204  
PH. NO :9663302133



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  
**PRASAD PATEL H E**  
for passing the course

**Programming in Java**

with Score\* **86** %

Covid-19  
impacted  
January 2020  
semester

A. Goswami

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

Jan-Apr 2020  
(12 week course)



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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

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

Roll No: NPTEL20CS08S1669363

To  
SHREYAS KUNTE S  
#392 SHARADHA NILAYA JAYNAGAR 3RD CROSS  
SHIMOGA  
KARNATAKA-577201  
PH. NO :7795250455



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  
**SHREYAS KUNTE S**  
for passing the course

**Programming in Java**

with Score\* **68** %

Covid-19  
impacted  
January 2020  
semester

A. Goswami

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

Jan-Apr 2020  
(12 week course)



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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

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

Roll No: NPTEL20CS08S1685925

To  
SAPTHAMI BHAT  
#4, 'SRI MAHALASA', GOLAGODU,  
SHIRAVANTHE (P)  
SAGAR (TQ)  
SHIMOGA  
KARNATAKA - 577401  
PH. NO :7022138684



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

**SAPTHAMI BHAT**

for passing the course

**Programming in Java**

with Score\* **99** %

Covid-19  
impacted  
January 2020  
semester

A. Goswami

**Prof. Adrijit Goswami**

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur

Jan-Apr 2020  
(12 week course)



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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



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

Roll No: NPTEL20CS08S1810643

To  
GOURISH BHAIRU PATAGAR  
SHRI SHANTIKA NILAYATERAKANALLI POKOLVE  
SIRSI  
UTTARA KANNADA  
KARNATAKA - 581403  
PH. NO :9480256242



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  
**GOURISH BHAIRU PATAGAR**  
for passing the course  
**Programming in Java**

with Score\* **97** %

Covid-19  
impacted  
January 2020  
semester

A. Goswami

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

Jan-Apr 2020  
(12 week course)



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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

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

Roll No: NPTEL20CS08S1831699

To  
VINAY N M  
VENKATAMAHALAKSHMI NILAYA,ACHYUTH RAO  
LAYOUT,1ST CROSS,JAIL CIRCLE.  
SHIMOGA  
KARNATAKA-577201  
PH. NO :7022231882



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

**VINAY N M**

for passing the course

**Programming in Java**

with Score\* **93** %

Covid-19  
impacted  
January 2020  
semester

A. Goswami

**Prof. Adrijit Goswami**

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur

Jan-Apr 2020  
(12 week course)



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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

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

Roll No: NPTEL20CS08S1859543

To  
SHARATH UP  
SO G P PRAKASH, BEHIND CHANDANA  
NILAYA, 1ST CROSS, CHANNAPPA LAYOUT  
SHIMOGA  
KARNATAKA-577201  
PH. NO :8861885594



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

**SHARATH UP**

for passing the course

**Programming in Java**

with Score\* **99** %

Covid-19  
impacted  
January 2020  
semester

A. Goswami

**Prof. Adrijit Goswami**

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur

Jan-Apr 2020  
(12 week course)



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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



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

Roll No: NPTEL20CS08S1885300

To  
SHAMBHAVI M S  
SRI LAKSHMI NARASIMHA KRUPARUKMINI  
SADANA3RD CROSSGANAPATHI LAYOUT  
VIDYANAGARA  
SHIMOGA  
KARNATAKA - 577203  
PH. NO :6362373766



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

**SHAMBHAVI M S**

for passing the course

**Programming in Java**

with Score\* **94** %

Covid-19  
impacted  
January 2020  
semester

A. Goswami

**Prof. Adrijit Goswami**

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur

Jan-Apr 2020  
(12 week course)



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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

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

Roll No: NPTEL20CS08S1919815

To  
NANDEESH B S  
#410 SRI RANGA NILAYA, NMC MAIN ROAD,  
HOSAMANE  
BHADRAVATHI  
SHIMOGA  
KARNATAKA - 577301  
PH. NO :6360439725



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

**NANDEESH B S**

for passing the course

**Programming in Java**

with Score\* **77** %

Covid-19  
impacted  
January 2020  
semester

A. Goswami

**Prof. Adrijit Goswami**

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur

Jan-Apr 2020  
(12 week course)



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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

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

Roll No: NPTEL20CS09S1198297

To  
SOUNDARYA PS  
166  
PILLANGIRI  
SHIMOGA  
KARNATAKA - 577227  
PH. NO :9148942442



No. of credits 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

**SOUNDARYA PS**

for passing the course

**Data Base Management System**

with Score\* **59** %

Covid-19  
impacted  
January 2020  
semester

A. Goswami

**Prof. Adrijit Goswami**

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur

Jan-Mar 2020  
(8 week course)



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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



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

Roll No: NPTEL20CS18S1720967

To

PRAJWAL S YALLUR  
#132, "PRATHIMA", 1ST CROSS, 1ST MAIN,  
LBS NAGAR, SAVALANGA ROAD,  
SHIVAMOGGA  
SHIMOGA  
KARNATAKA - 577204  
PH. NO :8861792023



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  
**PRAJWAL S YALLUR**  
for passing the course

**VLSI Physical Design**

with Score\* **56** %

Covid-19  
impacted  
January 2020  
semester

A. Goswami

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

Jan-Apr 2020  
(12 week course)



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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

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

Roll No: NPTEL20CS21S1320581

To

PRATHIMA P  
PRATHIMA P, DO VANI K, JUNIOR ASST,  
KPTCL, SHANTHA MANSION ROAD,  
GANDHINAGAR,  
SHIVAMOGGA  
SHIMOGA  
KARNATAKA - 577201  
PH. NO :9036942724



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

**PRATHIMA P**

for passing the course

**Cryptography and Network Security**

with Score\* **68** %

Covid-19  
impacted  
January 2020  
semester

A. Goswami

Prof. Adrijit Goswami

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur

Jan-Apr 2020  
(12 week course)



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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

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

Roll No: NPTEL20CS22S1165416

To  
PUNEETH K S  
HOSUDI FARM  
HOSUDI FARM  
SHIMOGA  
KARNATAKA - 577222  
PH. NO :7338107409



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

**PUNEETH K S**

for passing the course

**Introduction to Internet of Things**

with Score\* **77** %

Covid-19  
impacted  
January 2020  
semester

A. Goswami

Prof. Adrijit Goswami

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur

Jan-Apr 2020  
(12 week course)



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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



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

Roll No: NPTEL20CS22S1214050

To  
SAMEERA NADIG A V  
#160, "SREEKARA", 2ND STAGE 2ND BLOCK  
VINOBHANAGARA  
SHIVAMOGGA  
SHIMOGA  
KARNATAKA - 577204  
PH. NO :7760117006



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  
**SAMEERA NADIG A V**  
for passing the course

**Introduction to Internet of Things**

with Score\* **81** %

Covid-19  
impacted  
January 2020  
semester

A. Goswami

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

Jan-Apr 2020  
(12 week course)



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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

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

Roll No: NPTEL20CS22S1225868

To  
SUBRAMANYA KS  
SURESH K LIG 139A SRI LAKSHMI NARASIMHA  
NILAYA C BLOCK KASHIPURA VINOBANAGAR  
SHIVAMOGGA  
SHIMOGA  
KARNATAKA - 577204  
PH. NO :9535290710



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

**SUBRAMANYA KS**

for passing the course

**Introduction to Internet of Things**

with Score\* **96** %

Covid-19  
impacted  
January 2020  
semester

A. Goswami

**Prof. Adrijit Goswami**

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur

Jan-Apr 2020  
(12 week course)



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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

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

Roll No: NPTEL20CS26S1101988

To  
BHUMIKA S B  
BHUMIKA S B DO SHIVANANDAPPA B ARUNDI  
(P) NYAMATHI (T) DAVANGERE (D) 577223  
ARUNDI  
DAVANAGERE  
KARNATAKA - 577223  
PH. NO :9663589849



No. of credits 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

**BHUMIKA S B**

for passing the course

**Programming, Data Structures and  
Algorithms using Python**

with Score\* **61** %



*Devendra Jalihal*

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

Jan-Mar 2020  
(8 week course)

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



\*Continuous online assessment score

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



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

Roll No: NPTEL20CS26S1207970

To  
PRAJWAL M  
DVS COLONY,SAVALANGA ROAD  
NAVULE  
SHIMOGA  
KARNATAKA - 577201  
PH. NO :7624900614



No. of credits 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

**PRAJWAL M**

for passing the course

**Programming, Data Structures and  
Algorithms using Python**

with Score\* **96** %



*Devendra Jalihal*

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

Jan-Mar 2020  
(8 week course)

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



\*Continuous online assessment score

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

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

Roll No: NPTEL20CS26S1212188

To  
ABHISHEK N S  
"DHANANJAYA NILAYA", 2ND CROSS, RIGHT  
SIDE, D.NO 875, NEAR HOSAMANE CIRCLE  
BHADRAVATHI  
SHIMOGA  
KARNATAKA - 577301  
PH. NO :7204780257



No. of credits 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

**ABHISHEK N S**

for passing the course

**Programming, Data Structures and  
Algorithms using Python**

with Score\* **100 %**



*Devendra Jalihal*

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

Jan-Mar 2020  
(8 week course)

*Andrew Thangaraj*

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



Indian Institute of Technology Madras



\*Continuous online assessment score

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

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

Roll No: NPTEL20CS26S1223481

To  
GURURAJA H S  
SRI LAXMINARASIMHA SWAMY PRASNNA1ST  
CROSS AMRUTH LAYOUT GADIKOPPA  
SHIVAMOGGA  
SHIMOGA  
KARNATAKA - 577205  
PH. NO :7019470778



No. of credits 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

**GURURAJA H S**

for passing the course

**Programming, Data Structures and  
Algorithms using Python**

with Score\* **100 %**



*Devendra Jalihal*

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

Jan-Mar 2020  
(8 week course)

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



\*Continuous online assessment score

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



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

Roll No: NPTEL20CS26S1292284

To  
SOUMYA S SHIRALI  
KIRAN SHENOY, ARUNODHAYA, 4TH CROSS, P  
AND T COLONY, NEAR GANAPATI TEMPLE  
P AND T COLONY  
SHIMOGA  
KARNATAKA - 577204  
PH. NO :9686443893



No. of credits 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  
**SOUMYA S SHIRALI**

for passing the course

**Programming, Data Structures and  
Algorithms using Python**

with Score\* **100 %**



*Devendra Jalihal*

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

Jan-Mar 2020  
(8 week course)

*Andrew Thangaraj*

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



Indian Institute of Technology Madras



\*Continuous online assessment score

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

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

Roll No: NPTEL20CS26S1452356

To  
NIRANJANA B G  
BHARMANNA B S, GOULI KERI, NEAR  
MALLESHWARA TEMPLE, NERALAGI (V),  
MANCHIKOPPA (P)  
NERALAGI  
SHIMOGA  
KARNATAKA - 577428  
PH. NO : 8971608266



No. of credits 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

**NIRANJANA B G**

for passing the course

**Programming, Data Structures and  
Algorithms using Python**

with Score\* **100 %**



*Devendra Jalihal*

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

Jan-Mar 2020  
(8 week course)

*Andrew Thangaraj*

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



Indian Institute of Technology Madras



\*Continuous online assessment score

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

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

Roll No: NPTEL20CS26S1533079

To  
ASHA R C  
#53, 'KRISHNA COMPOUND', OPP.CITY  
COOPERATIVE BANK, KOTE ROAD  
SHIVAMOGGA  
SHIMOGA  
KARNATAKA - 577202  
PH. NO :7406104321



No. of credits recommended by NPTEL:2

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



# NPTEL Online Certification

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



This certificate is awarded to

**ASHA R C**

for passing the course

**Programming, Data Structures and Algorithms using Python**

with Score\* **85** %



*Devendra Jalihal*

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

Jan-Mar 2020  
(8 week course)

*Andrew Thangaraj*

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



Indian Institute of Technology Madras



\*Continuous online assessment score

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



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

Roll No: NPTEL20CS26S1619529

To

ANUSHA H M  
YELLAMMA DEVI KRUPA 4TH CROSS GANESH  
COLONY  
BHADRAVATHI  
SHIMOGA  
KARNATAKA - 577301  
PH. NO :6363512357



No. of credits 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

**ANUSHA H M**

for passing the course

**Programming, Data Structures and  
Algorithms using Python**

with Score\* **61** %

**Covid-19  
impacted  
January 2020  
semester**

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

Jan-Mar 2020  
(8 week course)

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



Indian Institute of Technology Madras



\*Continuous online assessment score

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

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

Roll No: NPTEL20CS26S1624771

To  
PAVANKUMAR B J  
SUNDRAMMA COMPLEX  
TOWN  
BELLARY  
KARNATAKA - 583121  
PH. NO :9632133889



No. of credits 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

**PAVANKUMAR B J**

for passing the course

**Programming, Data Structures and  
Algorithms using Python**

with Score\* **61** %



*Devendra Jalihal*

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

Jan-Mar 2020  
(8 week course)

*Andrew Thangaraj*

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



Indian Institute of Technology Madras



\*Continuous online assessment score

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

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

Roll No: NPTEL20CS26S1682653

To  
ACHALA K SHETTY  
#206, "SHARVARI NILAYA", ALHAREEM  
LAYOUT, GOPALA, SHIMOGA  
SHIMOGA  
KARNATAKA-577205  
PH. NO :9108455612



No. of credits 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  
**ACHALA K SHETTY**



for passing the course  
**Programming, Data Structures and  
Algorithms using Python**

with Score\* **79** %

*Devendra Jalihal*

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

Jan-Mar 2020  
(8 week course)

*Andrew Thangaraj*

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



Indian Institute of Technology Madras



\*Continuous online assessment score

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



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

Roll No: NPTEL20CS26S1794544

To  
VARDHAN A C  
CO K S GOPALAKRISHNA, MATHRU CHAYA,  
NEAR BHADRESHWARA SABHA BHAVANA  
LOWER HUTHA  
SHIMOGA  
KARNATAKA - 577301  
PH. NO :8722272358



No. of credits 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

**VARDHAN A C**

for passing the course

**Programming, Data Structures and  
Algorithms using Python**

with Score\* **92** %



*Devendra Jalihal*

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

Jan-Mar 2020  
(8 week course)

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



\*Continuous online assessment score

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

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

Roll No: NPTEL20CS26S1894416

To  
PAVAN G L  
ARUNODHAYA, P AND T COLONY 4TH CROSS, NEAR  
GANAPATI TEMPLE  
SHIMOGA  
KARNATAKA-577204  
PH. NO :7022361536



No. of credits 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

**PAVAN G L**

for passing the course

**Programming, Data Structures and  
Algorithms using Python**

with Score\* **100 %**



*Devendra Jalihal*

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

Jan-Mar 2020  
(8 week course)

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



\*Continuous online assessment score

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

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

Roll No: NPTEL20CS27S1009705

To

ZAHEER ABBAS  
RAHAMANIYA COMPOUND, 1ST CROSS INDIRA  
NAGAR, OLD TOWN BHADRAVATHI  
BHADRAVATHI  
SHIMOGA  
KARNATAKA - 577301  
PH. NO :8073240928



No. of credits 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

**ZAHEER ABBAS**

for passing the course

**Design and Analysis of Algorithms**

with Score\* **56** %

Covid-19  
impacted  
January 2020  
semester

*Devendra Jalihal*

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

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

*Andrew Thangaraj*

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



Indian Institute of Technology Madras



\*Continuous online assessment score

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



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

Roll No: NPTEL20CS22S1165416

To  
PUNEETH K S  
HOSUDI FARM  
HOSUDI FARM  
SHIMOGA  
KARNATAKA - 577222  
PH. NO :7338107409



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

**PUNEETH K S**

for passing the course

**Introduction to Internet of Things**

with Score\* **77** %

Covid-19  
impacted  
January 2020  
semester

A. Goswami

**Prof. Adrijit Goswami**

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur

Jan-Apr 2020  
(12 week course)



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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

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

Roll No: NPTEL20CS35S1493419

To  
ABHISHEK  
SO VIKRAM, #93, UMBELEBAILU, SHIMOGA  
TQ, SHIMOGA DIST.  
UMBELEBAILU VILLAGE  
SHIMOGA  
KARNATAKA - 577511  
PH. NO : 7975829123



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

**ABHISHEK**

for passing the course

**The Joy of Computing using Python**

with Score\* **96** %

Covid-19  
impacted  
January 2020  
semester

*Devendra Jalihal*

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

Jan-Apr 2020  
(12 week course)

*Andrew Thangaraj*

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



Indian Institute of Technology Madras



\*Continuous online assessment score

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

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

Roll No: NPTEL20CS36S1985641

To  
PRAJWAL S YALLUR  
#132, "PRATHIMA", 1ST CROSS, 1ST MAIN,  
LBS NAGAR, SAVALANGA ROAD,  
SHIVAMOGGA  
SHIMOGA  
KARNATAKA - 577204  
PH. NO :8861792023



No. of credits recommended by NPTEL:1

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



# NPTEL Online Certification

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



This certificate is awarded to  
**PRAJWAL S YALLUR**  
for passing the course

**Python for Data Science**

with Score\* **68** %

Covid-19  
impacted  
January 2020  
semester

*Devendra Jalihal*

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

Jan-Feb 2020  
(4 week course)

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



\*Continuous online assessment score

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



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

Roll No: NPTEL20CS44S1921669

To

PRAJWAL S YALLUR  
#132, "PRATHIMA", 1ST CROSS, 1ST MAIN,  
LBS NAGAR, SAVALANGA ROAD,  
SHIVAMOGGA  
SHIMOGA  
KARNATAKA - 577204  
PH. NO :8861792023



No. of credits 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  
**PRAJWAL S YALLUR**  
for passing the course

**Practical Machine Learning with Tensorflow**

with Score\* **44** %

Covid-19  
impacted  
January 2020  
semester

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Jan-Mar 2020  
(8 week course)

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



\*Continuous online assessment score

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

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

Roll No: NPTEL20CS46S1067341

To  
KAVYASHREE R A  
212,PRIYADARSHINI LAYOUT,3RD MAIN, 1ST  
CROSS,ALKOLA,VINOBANAGAR,SHIMOGA  
SHIMOGA  
KARNATAKA-577204  
PH. NO :9742738578



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

**KAVYASHREE R A**

for passing the course

**Data Analytics with Python**

with Score\* **82** %

**Covid-19  
impacted  
January 2020  
semester**

**Prof. V. C. Srivastava**

Coordinator, Continuing Education Centre  
IIT Roorkee

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

**Prof. Inderdeep Singh**

NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



\*Continuous online assessment score

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

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

Roll No: NPTEL20CS46S1147715

To  
RAKSHITHA.J  
HOUSE NO 21SHREE VEERABADRESWARA NILAYA  
THIMMAPPANA KOPULU  
SHIMOGA  
KARNATAKA-577202  
PH. NO :7019317044



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

**RAKSHITHA.J**

for passing the course

**Data Analytics with Python**

with Score\* **84** %

Covid-19  
impacted  
January 2020  
semester

**Prof. V. C. Srivastava**

Coordinator, Continuing Education Centre  
IIT Roorkee

Jan-Apr 2020  
(12 week course)

**Prof. Inderdeep Singh**

NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



\*Continuous online assessment score

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



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

Roll No: NPTEL20CS49S1550652

To

PUNITH K N  
PUNITH K N. SRI RATHNAGIRISADANA, NEAR  
PETROL BUNK.AMBEDKAR EXT, TH ROAD  
AJJAMPURA  
CHIKMAGALUR  
KARNATAKA - 577547  
PH. NO :7090799568



No. of credits 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

**PUNITH K N**

for passing the course

**Machine Learning, ML**

with Score\* **46** %

Covid-19  
impacted  
January 2020  
semester

*Devendra Jalihal*

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

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

*Andrew Thangaraj*

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



Indian Institute of Technology Madras



\*Continuous online assessment score

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

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

Roll No: NPTEL20CS49S1691481

To

KARTHIK O  
SO OBALESH ,INDIRA EXT, 2ND MAIN 3RD  
CROSS NEAR SANTHEPETTE SCHOOL JAGLUR  
JAGLUR  
DAVANAGERE  
KARNATAKA - 577528  
PH. NO :7760516947



No. of credits 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

**KARTHIK O**

for passing the course

**Machine Learning, ML**

with Score\* **53** %

Covid-19  
impacted  
January 2020  
semester

*Devendra Jalihal*

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

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

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



\*Continuous online assessment score

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

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

Roll No: NPTEL20CS53S1264516

To

SATHWIK P BHAT  
#49, 'PADMASHRI', 2ND STAGE, OLD  
RAMAKRISHNA ASHRAMA ROAD, VINOBANAGAR  
SHIMOGA  
KARNATAKA-577204  
PH. NO :9845926208



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

**SATHWIK P BHAT**

for passing the course

**An Introduction to Programming through C++**

with Score\* **82** %

Covid-19  
impacted  
January 2020  
semester

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

Jan-Apr 2020  
(12 week course)



Indian Institute of Technology Bombay



\*Continuous online assessment score

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



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

Roll No: NPTEL20CS53S1717900

To  
SRUJAN G RAVI  
VEERABHADRESHWARA NILAYA, RENUKAMBA  
EXTENTION 2ND CROSS, KASHIPURA MAIN ROAD  
SHIMOGA  
KARNATAKA-577204  
PH. NO :7411087409



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

**SRUJAN G RAVI**

for passing the course

**An Introduction to Programming through C++**

with Score\* **68** %

**Covid-19  
impacted  
January 2020  
semester**

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

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



Indian Institute of Technology Bombay



\*Continuous online assessment score

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

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

Roll No: NPTEL20CS56S51211412

To  
PRAJWAL M DIXIT  
MUTTUVALI  
RAMAKRISHNAPURA, THIRTHAHALLI(TQ)  
SHIVAMOGGA(D)  
KARNATAKA - 577432  
PH. NO :9480670596



Score	Type 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

**PRAJWAL M DIXIT**

for successfully completing the course

## Problem Solving through Programming in C

with a consolidated score of **84** %

Online Assignments	24.69/25	Programming Exam	25/25	Proctored Exam	34.54/50
--------------------	----------	------------------	-------	----------------	----------

Total number of candidates certified in this course: 1756



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

Sep-Dec 2020  
(12 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



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

Roll No: NPTEL20CS56S61211779

To  
SPOORTHI D A  
D/O DINESH A S ARAHATHOLALU BHADRAVATHI  
TALUK, SHIMOGGA DISTRICT.  
D/O DINESH A S ARAHATHOLALU BHADRAVATHI  
TALUK, SHIMOGGA DISTRICT.  
SHIMOGGA  
KARNATAKA - 577243  
PH. NO :9901067450



Score	Type 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

**SPOORTHI D A**

for successfully completing the course

## Problem Solving through Programming in C

with a consolidated score of **72** %

Online Assignments	24.78/25	Programming Exam	25/25	Proctored Exam	22/50
--------------------	----------	------------------	-------	----------------	-------

Total number of candidates certified in this course: 1756



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

Sep-Dec 2020  
(12 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur





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

Roll No: NPTEL20CS56S61211792

To  
SUPRIYA B A  
NO:253, "SUPRIYA" C-BLOCK, GOPAL GOWDA  
EXTENTION  
SHIMOGA  
KARNATAKA - 577204  
PH. NO :9482579262



Score	Type 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

**SUPRIYA B A**

for successfully completing the course

## Problem Solving through Programming in C

with a consolidated score of **80** %

Online Assignments	24.75/25	Programming Exam	25/25	Proctored Exam	30.5/50
--------------------	----------	------------------	-------	----------------	---------

Total number of candidates certified in this course: 1756



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

Sep-Dec 2020  
(12 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



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

Roll No: NPTEL20CS58S61210654

To  
SHAMBHAVI M S  
SRI LAKSHMI NARASIMHA KRUPA  
RUKMINI SADANA  
3RD CROSS  
GANAPATHI LAYOUT  
VIDYANAGARA  
SHIMOGA  
KARNATAKA - 577203  
PH. NO :6362373766



Score	Type 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

**SHAMBHAVI M S**

for successfully completing the course

**Programming in Java**

with a consolidated score of **72** %



Online Assignments	23.47/25	Programming Exam	25/25	Proctored Exam	23.33/50
--------------------	----------	------------------	-------	----------------	----------

Total number of candidates certified in this course: **3157**

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

Sep-Dec 2020  
(12 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



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

Roll No: NPTEL20CS58S61210675

To  
ZAHEER ABBAS  
RAHAMANIYA COMPOUND, 1ST CROSS INDIRA  
NAGAR, OLD TOWN BHADRAVATHI  
BHADRAVATHI  
SHIMOGA  
KARNATAKA - 577301  
PH. NO :8073240928



Score	Type 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

**ZAHEER ABBAS**

for successfully completing the course

**Programming in Java**

with a consolidated score of **85** %



Online Assignments	25/25	Programming Exam	25/25	Proctored Exam	35/50
--------------------	-------	------------------	-------	----------------	-------

Total number of candidates certified in this course: 3157

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

Sep-Dec 2020  
(12 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur





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

Roll No: NPTEL20CS62S61211733

To  
SUDARSHAN N  
JANANI 3RD MAIN 6TH CROSS PRIYADARSHINI  
LAYOUT SHIMOGA  
KARNATAKA - 577204  
PH. NO :9480599645



Score	Type 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  
**SUDARSHAN N**  
for successfully completing the course



## Deep Learning

with a consolidated score of **75** %

Online Assignments	16.00/25	Proctored Exam	58.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **500**

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

Sep-Dec 2020  
(12 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



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

Roll No: NPTEL20CS66S81211030

To  
ADITHYA T R  
MIG 395 G BLOCK 2ND PHASE KHB COLONY  
VINOBANAGAR  
SHIVAMOGGA  
KARNATAKA - 577201  
PH. NO :8431735634



Score	Type 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  
**ADITHYA T R**  
for successfully completing the course

## Introduction to Internet of Things

with a consolidated score of **67** %

Online Assignments	22.09/25	Proctored Exam	45/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **4785**

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

Sep-Dec 2020  
(12 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



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

Roll No: NPTEL20CS73S81211977

To  
SUDARSHAN N  
JANANI 3RD MAIN 6TH CROSS PRIYADARSHINI  
LAYOUT SHIMOGA  
KARNATAKA - 577204  
PH. NO :9480599645



Score	Type 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

**SUDARSHAN N**

for successfully completing the course

## Introduction to Machine Learning

with a consolidated score of **68** %

Online Assignments	20/25	Proctored Exam	48.25/75
--------------------	-------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **1150**

Sep-Dec 2020  
(12 week course)

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL20CS73S81211977

To validate 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: NPTEL20CS80S31940111

To  
SUBRAMANYA KS  
#LIG 139/A SRI LAKSHMI NARASHIMHA NILAYA  
C BLOCK KASHIPURA VINOBANAGAR SHIMOGA  
KARNATAKA - 577204  
PH. NO :9535290710



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

No. of credits recommended by NPTEL:1

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



Elite

# NPTEL Online Certification

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

This certificate is awarded to

**SUBRAMANYA KS**

for successfully completing the course

**Python for Data Science**

with a consolidated score of **76** %



Online Assignments	21/25	Programming Exam	25/25	Proctored Exam	29.52/50
--------------------	-------	------------------	-------	----------------	----------

Total number of candidates certified in this course: 2008

*Devendra Jalihal*

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

Sep-Oct 2020  
(4 week course)

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



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

Roll No: NPTEL20CS83S61211243

To  
PRAJWAL M DIXIT  
MUTTUVALI  
RAMAKRISHNAPURA, THIRTHAHALLI(TQ)  
SHIVAMOGGA(D)  
KARNATAKA - 577432  
PH. NO :9480670596



Score	Type 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

**PRAJWAL M DIXIT**

for successfully completing the course



## The Joy of Computing using Python

with a consolidated score of **93** %

Online Assignments	24.75/25	Programming Exam	25/25	Proctored Exam	43.38/50
--------------------	----------	------------------	-------	----------------	----------

Total number of candidates certified in this course: **5563**

*Devendra Jalihal*

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

Sep-Dec 2020  
(12 week course)

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL20CS83S61211243

To validate 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: NPTEL20CS83S61211537

To  
TEJAS S D  
PARVATHIPARAMESHWARA NILAYA  
5TH CROSS RAVINDRANAGARA  
SHIVAMOGGA  
KARNATAKA - 577201  
PH. NO :9481371241



Score	Type 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

**TEJAS S D**

for successfully completing the course

## The Joy of Computing using Python

with a consolidated score of **76** %

Online Assignments	24.56/25	Programming Exam	25/25	Proctored Exam	26.04/50
--------------------	----------	------------------	-------	----------------	----------

Total number of candidates certified in this course: **5563**

*Devendra Jalihal*

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

Sep-Dec 2020  
(12 week course)

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras





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

Roll No: NPTEL20CY17S41210130

To  
SUMANTH SHANBOG H R  
"ANITHA NIVASA", SHANKAR GAS AGENCY ROAD  
(D. G. ROAD)  
LOWER HUTTA  
BHADRAVATHI  
KARNATAKA - 577301  
PH. NO :9686330315



Score	Type 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  
**SUMANTH SHANBOG H R**  
for successfully completing the course



## Laser: Fundamentals and Applications

with a consolidated score of **90** %

Online Assignments	20.42/25	Proctored Exam	70/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 134

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

Sep-Nov 2020  
(8 week course)

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



Indian Institute of Technology Kanpur



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

Roll No: NPTEL20DE04S1114272

To

SRIKANTA DATTA KASHYAP  
ANANTHA NILIYA 5TH GANESHA COLONY  
JANNAPURA  
BHADRAVATHI  
SHIMOGA  
KARNATAKA - 577301  
PH. NO :9482483290



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

**SRIKANTA DATTA KASHYAP**

for passing the course

**Geographic Information System**

with Score\* **83** %

Covid-19  
impacted  
January 2020  
semester

A. Goswami

**Prof. Adrijit Goswami**

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur

Jan-Apr 2020

(12 week course)



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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

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

Roll No: NPTEL20EE11S1953555

To  
SUMANTH SHANBOG H R  
ANITHA NIVASA, SHANKAR GAS AGENCY  
ROAD, LOWER HUTTA,  
BHADRAVATHI  
SHIMOGA  
KARNATAKA - 577301  
PH. NO :9686330315



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  
**SUMANTH SHANBOG H R**

for passing the course

**Microprocessors and Interfacing**

with Score\* **85** %

**Covid-19  
impacted  
January 2020  
semester**

Jan-Apr 2020  
(12 week course)

  
**Prof. Hemant B Kaushik**  
Head, Centre for Educational Technology  
& NPTEL Coordinator  
IIT Guwahati



Indian Institute of Technology Guwahati



\*Continuous online assessment score

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



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

Roll No: NPTEL20EE18S1012960

To  
SANTOSH M KUMBAR  
900A , HIREKERUR ROAD  
HALAGERI  
HAVERI DISTRICT  
KARNATAKA - 581208  
PH. NO :7996703493



No. of credits recommended by NPTEL:1

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



# NPTEL Online Certification

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



This certificate is awarded to

**SANTOSH M KUMBAR**

for passing the course

**Electric Vehicles - Part 1**

with Score\* **66** %

**Covid-19  
impacted  
January 2020  
semester**

*Devendra Jalihal*

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

**Feb-Mar 2020**  
(4 week course)

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



\*Continuous online assessment score

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

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

Roll No: NPTEL20EE18S1056268

To  
DARSHAN VEERAPPA KUMBAR  
N M C 2ND CROSS ,LEFT SIDE  
BHADRAVATHI  
SHIMOGA  
KARNATAKA - 577301  
PH. NO :6363566088



No. of credits recommended by NPTEL:1

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



# NPTEL Online Certification

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



This certificate is awarded to

**DARSHAN VEERAPPA KUMBAR**

for passing the course

**Electric Vehicles - Part 1**

with Score\* **73** %

Covid-19  
impacted  
January 2020  
semester

*Devendra Jalihal*

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

**Feb-Mar 2020**  
(4 week course)

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



\*Continuous online assessment score

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

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

Roll No: NPTEL20EE18S1547556

To  
VINOD KUMAR M G  
#948 7TH CROSS ZINKLINE  
BHADRAVATHI  
SHIMOGA  
KARNATAKA - 577301  
PH. NO :9008402792



No. of credits recommended by NPTEL:1

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



# NPTEL Online Certification

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



This certificate is awarded to  
**VINOD KUMAR M G**

for passing the course

**Electric Vehicles - Part 1**

with Score\* **71** %

Covid-19  
impacted  
January 2020  
semester

*Devendra Jalihal*

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

**Feb-Mar 2020**  
(4 week course)

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



\*Continuous online assessment score

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



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

Roll No: NPTEL20EE18S1655658

To

PRUTHVIK M  
NETHRA NILAYA, 7TH CROSS 1ST MAIN A  
BLOCK,SHARAVATHI NAGARA, SHIMOGA  
SHIVAMOGGA  
SHIMOGA  
KARNATAKA - 577201  
PH. NO :8147190484



No. of credits recommended by NPTEL:1

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



# NPTEL Online Certification

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



This certificate is awarded to

**PRUTHVIK M**

for passing the course

**Electric Vehicles - Part 1**

with Score\* **70** %

Covid-19  
impacted  
January 2020  
semester

*Devendra Jalihal*

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

**Feb-Mar 2020**  
(4 week course)

*Andrew Thangaraj*

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



Indian Institute of Technology Madras



\*Continuous online assessment score

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

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

Roll No: NPTEL20EE18S1705574

To  
SOMESHA NAIK K  
SIDDAPURA THANDA HOSA SIDDAPURA POST  
BHADRAVTHI TQ  
BHADRAVTHI  
SHIMOGA  
KARNATAKA - 577301  
PH. NO :8884576721



No. of credits recommended by NPTEL:1

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



# NPTEL Online Certification

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



This certificate is awarded to  
**SOMESHA NAIK K**  
for passing the course

**Electric Vehicles - Part 1**

with Score\* **71** %

**Covid-19  
impacted  
January 2020  
semester**

*Devendra Jalihal*

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

**Feb-Mar 2020**  
**(4 week course)**

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



\*Continuous online assessment score

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

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

Roll No: NPTEL20EE80S42000194

To  
DARSHAN VEERAPPA KUMBAR  
S/O VEERAPPA BHARMAPPA KUMBAR  
#1033 N.M.C 2ND CROSS LEFT SIDE HOSMANE,  
BHADRAVATHI  
KARNATAKA - 577301  
PH. NO :7795617065



Score	Type 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  
**DARSHAN VEERAPPA KUMBAR**  
for successfully completing the course

## Power System Protection and Switchgear

with a consolidated score of **64** %

Online Assignments	21.38/25	Proctored Exam	42.43/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 309

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

Sep-Nov 2020  
(8 week course)

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



Indian Institute of Technology Roorkee





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

Roll No: NPTEL20EE80S32000281

To  
SANTOSH M KUMBAR  
S/O MAHESHWARAPPA G KUMBAR, HIREKERUR  
ROAD, HALAGERI-581208  
TQ/RANEBENNUR, DIST/HAVERI  
RANEBENNUR  
KARNATAKA - 581208  
PH. NO :7996703493



Score	Type 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  
**SANTOSH M KUMBAR**  
for successfully completing the course

## Power System Protection and Switchgear

with a consolidated score of **55** %

Online Assignments	20.29/25	Proctored Exam	34.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 309

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

Sep-Nov 2020  
(8 week course)

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



Indian Institute of Technology Roorkee



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

Roll No: NPTEL20EE80S32000294

To  
VINOD KUMAR M G  
S/O MANJACHAR N, 943, 7TH CROSS ZINK  
LINE BHADRAVATI, SHIMOGA  
KARNATAKA - 577301  
PH. NO :9008402792



Score	Type 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  
**VINOD KUMAR M G**  
for successfully completing the course

## Power System Protection and Switchgear

with a consolidated score of **69** %

Online Assignments	21.38/25	Proctored Exam	47.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 309

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

Sep-Nov 2020  
(8 week course)

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



Indian Institute of Technology Roorkee



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

Roll No: NPTEL20EE98S71210534

To  
RAGHAVENDRA G  
GURUKRUPA 2ND CROSS  
BASAVESHWARA NAGAR  
SHIVAMOGGA  
KARNATAKA - 577204  
PH. NO :9483771945



Score	Type 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  
**RAGHAVENDRA G**  
for successfully completing the course



## Introduction to Embedded System Design

with a consolidated score of **80** %

Online Assignments	22.50/25	Proctored Exam	57/75
--------------------	----------	----------------	-------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **1371**

Sep-Dec 2020  
(12 week course)

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras





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

Roll No: NPTEL20EE98S71210110

To  
SIDDARTH M MUCHADI  
AT POST:YATTINAHALLI(MK)  
TQ:HIREKERUR  
DIST:HAVERI  
KARNATAKA - 581109  
PH. NO :8105414991



Score	Type 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  
**SIDDARTH M MUCHADI**  
for successfully completing the course

## Introduction to Embedded System Design

with a consolidated score of **57** %

Online Assignments	21.72/25	Proctored Exam	35.25/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **1371**

Sep-Dec 2020  
(12 week course)

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



Indian Institute of Technology Madras



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

Roll No: NPTEL20EE98S71210176

To  
SHASHANK G S  
HOUSE NO. 62,  
1ST CROSS, CHANNAPA LAYOUT,  
SHIVAMOGGA  
KARNATAKA - 577201  
PH. NO : 7019782812



Score	Type 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  
**SHASHANK G S**  
for successfully completing the course

## Introduction to Embedded System Design

with a consolidated score of **65** %

Online Assignments	23.63/25	Proctored Exam	41.25/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **1371**

Sep-Dec 2020  
(12 week course)

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



Indian Institute of Technology Madras



Roll No: NPTEL20EE98S71210176

To validate 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: NPTEL20EE98S71210190

To  
SHRIPADA ADIGA  
#101/1 RAGAVENDRA NILAYA (UPSTAIRS)  
3RD CROSS 3RD PARALLEL ROAD JAYANAGARA  
SHIVAMOGGA  
KARNATAKA - 577201  
PH. NO :9019107124



Score	Type 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  
**SHRIPADA ADIGA**  
for successfully completing the course

## Introduction to Embedded System Design

with a consolidated score of **65** %

Online Assignments	24.06/25	Proctored Exam	40.5/75
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*Devendra Jalihal*

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

Total number of candidates certified in this course: **1371**

Sep-Dec 2020  
(12 week course)

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras





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

Roll No: NPTEL20HS06S1634294

To  
TANUJA V  
1ST CROSS PENSION MOHALLA B H ROAD OPP  
BRAHMIN HOSTEL  
SHIMOGA  
KARNATAKA-577201  
PH. NO :9386613459



No. of credits recommended by NPTEL:1

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



# NPTEL Online Certification

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



This certificate is awarded to

**TANUJA V**

for passing the course

**Effective Writing**

with Score\* **97** %

Covid-19  
impacted  
January 2020  
semester

**Prof. V. C. Srivastava**

Coordinator, Continuing Education Centre  
IIT Roorkee

Jan-Feb 2020  
(4 week course)

**Prof. Inderdeep Singh**

NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



\*Continuous online assessment score

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

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

Roll No: NPTEL20HS10S1014559

To  
SHREYA PARAMESHWAR BHAT  
KEREKAI BANAVASI ROAD SIRSI  
SIRSI  
UTTARA KANNADA  
KARNATAKA - 581402  
PH. NO :8971207997



No. of credits 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

**SHREYA PARAMESHWAR BHAT**

for passing the course

**Enhancing Soft Skills and Personality**

with Score\* **83** %

**Covid-19  
impacted  
January 2020  
semester**

**Prof. Rajesh M. Hegde**

Chairman, Centre for Continuing Education  
IIT Kanpur

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

**Prof. Satyaki Roy**

NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



\*Continuous online assessment score

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

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

Roll No: NPTEL20HS10S1160607

To  
ABHISHREE G L  
SRI VENKATESHWARA NILAYA 3RD CROSS K H B  
QRTS HOSAMANE  
SHIMOGGA  
SHIMOGA  
KARNATAKA - 577201  
PH. NO :8296350255



No. of credits 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

**ABHISHREE G L**

for passing the course

**Enhancing Soft Skills and Personality**

with Score\* **75** %

**Covid-19  
impacted  
January 2020  
semester**

**Prof. Rajesh M. Hegde**

Chairman, Centre for Continuing Education  
IIT Kanpur

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

**Prof. Satyaki Roy**

NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



\*Continuous online assessment score

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



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

Roll No: NPTEL20HS10S1352795

To  
CHETHANA S  
CHETHANA S DO SOUNDAR RAJ PHOSAHALLI  
POST N T ROADSHIVAMOGGA (T) & (D) 577202  
HOSAHALLI  
SHIMOGA  
KARNATAKA - 577202  
PH. NO :9483194229



No. of credits 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

**CHETHANA S**

for passing the course

**Enhancing Soft Skills and Personality**

with Score\* **87** %

Covid-19  
impacted  
January 2020  
semester

**Prof. Rajesh M. Hegde**

Chairman, Centre for Continuing Education  
IIT Kanpur

Feb-Apr 2020  
(8 week course)

**Prof. Satyaki Roy**

NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



\*Continuous online assessment score

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

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

Roll No: NPTEL20HS10S1398127

To  
PRERANA C RAO  
HOUSE NO.21,"CHIRANTHANA",NANJAPPA  
LAYOUT 2 ND MAIN,BY PASS ROAD  
SHIVAMOGGA  
SHIMOGA  
KARNATAKA - 577203  
PH. NO :7899034810



No. of credits 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

**PRERANA C RAO**

for passing the course

**Enhancing Soft Skills and Personality**

with Score\* **85** %

**Covid-19  
impacted  
January 2020  
semester**

**Prof. Rajesh M. Hegde**

Chairman, Centre for Continuing Education  
IIT Kanpur

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

**Prof. Satyaki Roy**

NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



\*Continuous online assessment score

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

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

Roll No: NPTEL20HS10S1408059

To  
SOUJANYA S K  
ANAVATTI SORAB TALUK SHIMOGA  
ANAVATTI  
SHIMOGA  
KARNATAKA - 577413  
PH. NO :9008685312



No. of credits 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

**SOUJANYA S K**

for passing the course

**Enhancing Soft Skills and Personality**

with Score\* **99** %

Covid-19  
impacted  
January 2020  
semester

**Prof. Rajesh M. Hegde**

Chairman, Centre for Continuing Education  
IIT Kanpur

Feb-Apr 2020  
(8 week course)

**Prof. Satyaki Roy**

NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



\*Continuous online assessment score

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



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

Roll No: NPTEL20HS10S1605170

To  
PRAJWAL S YALLUR  
#132, "PRATHIMA", 1ST CROSS, 1ST MAIN,  
LBS NAGAR, SAVALANGA ROAD,  
SHIVAMOGGA  
SHIMOGA  
KARNATAKA - 577204  
PH. NO :8861792023



No. of credits 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  
**PRAJWAL S YALLUR**  
for passing the course

**Enhancing Soft Skills and Personality**

with Score\* **92** %



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

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

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



Indian Institute of Technology Kanpur



\*Continuous online assessment score

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

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

Roll No: NPTEL20HS10S1686019

To  
DEEKSHA A H  
NO.442 , 5TH CROSS BASAVANAGUDI ,  
SHIVAMOGGA, KARNATAKA  
SHIVAMOGGA  
SHIMOGA  
KARNATAKA - 577201  
PH. NO :8088493089



No. of credits 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

**DEEKSHA A H**

for passing the course

**Enhancing Soft Skills and Personality**

with Score\* **85** %

**Covid-19  
impacted  
January 2020  
semester**

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

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

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



Indian Institute of Technology Kanpur



\*Continuous online assessment score

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

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

Roll No: NPTEL20HS10S1775481

To  
ASHWITHA H N JOIS  
NO 6, ANUGRAHA NILAYA, AKLAPURA, VIA  
KONANDUR  
AKLAPURA  
SHIMOGA  
KARNATAKA - 577422  
PH. NO : 6364669568



No. of credits 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  
**ASHWITHA H N JOIS**

for passing the course

**Enhancing Soft Skills and Personality**

with Score\* **57** %

**Covid-19  
impacted  
January 2020  
semester**

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

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

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



Indian Institute of Technology Kanpur



\*Continuous online assessment score

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



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

Roll No: NPTEL20HS10S1843138

To  
BHOOMIKA S  
NAVULE, SHIMOGA, KARNATAKA.  
CHANDRAGUTTI  
SHIMOGA  
KARNATAKA - 577429  
PH. NO :8431267852



No. of credits 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

**BHOOMIKA S**

for passing the course

**Enhancing Soft Skills and Personality**

with Score\* **99** %

Covid-19  
impacted  
January 2020  
semester

**Prof. Rajesh M. Hegde**

Chairman, Centre for Continuing Education  
IIT Kanpur

Feb-Apr 2020  
(8 week course)

**Prof. Satyaki Roy**

NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



\*Continuous online assessment score

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

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

Roll No: NPTEL20HS10S1860582

To  
MADHU M S  
CHEERANAHALLI AJJAMPURA, KARNATAKA.  
AJAMPURA  
CHIKMAGALUR  
KARNATAKA - 577101  
PH. NO :9353927710



No. of credits 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

**MADHU M S**

for passing the course

**Enhancing Soft Skills and Personality**

with Score\* **99** %

Covid-19  
impacted  
January 2020  
semester

**Prof. Rajesh M. Hegde**

Chairman, Centre for Continuing Education  
IIT Kanpur

Feb-Apr 2020  
(8 week course)

**Prof. Satyaki Roy**

NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



\*Continuous online assessment score

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

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

Roll No: NPTEL20HS10S1879678

To  
AISHWARYA P  
MANJUNATHA BADAVANE, PURLE, HOSUDI ROAD,  
HOLEBENAVALLI POST  
SHIMOGA  
KARNATAKA-577222  
PH. NO :6360828609



No. of credits 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

**AISHWARYA P**

for passing the course

**Enhancing Soft Skills and Personality**

with Score\* **83** %

Covid-19  
impacted  
January 2020  
semester

**Prof. Rajesh M. Hegde**

Chairman, Centre for Continuing Education  
IIT Kanpur

Feb-Apr 2020  
(8 week course)

**Prof. Satyaki Roy**

NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



\*Continuous online assessment score

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



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

Roll No: NPTEL20HS10S1959218

To

SONIYA C  
ARCHANA CLINIC ROAD MALAVAGOPPA  
SHIVAMOGGA  
SHIMOGA  
KARNATAKA-577222  
PH. NO :8088412245



No. of credits 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

**SONIYA C**

for passing the course

**Enhancing Soft Skills and Personality**

with Score\* **87** %

Covid-19  
impacted  
January 2020  
semester

**Prof. Rajesh M. Hegde**

Chairman, Centre for Continuing Education  
IIT Kanpur

Feb-Apr 2020  
(8 week course)

**Prof. Satyaki Roy**

NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



\*Continuous online assessment score

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

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

Roll No: NPTEL20HS10S1986452

To  
PARVATHI SALERA J  
NO 101, HONNA SALERA SADANA, NTB  
ROAD,JANNAPURA, BHADRAVATHI  
BHADRAVATHI  
SHIMOGA  
KARNATAKA - 577301  
PH. NO :9739108140



No. of credits 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  
**PARVATHI SALERA J**

for passing the course

**Enhancing Soft Skills and Personality**

with Score\* **97** %



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

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

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



Indian Institute of Technology Kanpur



\*Continuous online assessment score

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

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

Roll No: NPTEL20HS14S1303012

To

TANUJA V  
1ST CROSS PENSION MOHALLA B H ROAD OPP  
BRAHMIN HOSTEL  
SHIMOGA  
KARNATAKA-577201  
PH. NO :9386613459



No. of credits 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

**TANUJA V**

for passing the course

**Speaking Effectively**

with Score\* **99** %

Covid-19  
impacted  
January 2020  
semester

A. Goswami

**Prof. Adrijit Goswami**

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur

Jan-Mar 2020  
(8 week course)



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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



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

Roll No: NPTEL20HS16S1123746

To  
NAGASHRI B N  
#221 VINOBA NAGAR KASHIPURA GATE  
YASHONATH SHIVAMOGGA  
SHIMOGA  
KARNATAKA-577204  
PH. NO :9448081708



No. of credits 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

**NAGASHRI B N**

for passing the course

**Soft Skill Development**

with Score\* **58** %

Covid-19  
impacted  
January 2020  
semester

A. Goswami

**Prof. Adrijit Goswami**

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur

Jan-Mar 2020  
(8 week course)



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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

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

Roll No: NPTEL20HS16S1282445

To  
MICHELA C  
GANDHINAGAR 2ND CROSS CHURCH ROAD OLD  
TOWN BHADRAVATHI  
BHADRAVATHI  
SHIMOGA  
KARNATAKA - 577301  
PH. NO :9741156774



No. of credits 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

**MICHELA C**

for passing the course

**Soft Skill Development**

with Score\* **78** %

Covid-19  
impacted  
January 2020  
semester

A. Goswami

**Prof. Adrijit Goswami**

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur

Jan-Mar 2020  
(8 week course)



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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

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

Roll No: NPTEL20HS16S1420221

To

N G SANMITHA  
GOPALA GOWDA EXTENSION 'B' BLOCK 3RD  
CROSS SHIMOGA  
SHIMOGA  
KARNATAKA-577201  
PH. NO :9663081743



No. of credits 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

**N G SANMITHA**

for passing the course

**Soft Skill Development**

with Score\* **78** %

Covid-19  
impacted  
January 2020  
semester

A. Goswami

**Prof. Adrijit Goswami**

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur

Jan-Mar 2020  
(8 week course)



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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



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

Roll No: NPTEL20HS19S1821858

To  
ABHISHEK MN  
#25,ASHIRVADHA NILAYA,CHAYAMMA LAYOUT  
VIDYA NAGAR  
SHIMOGA  
KARNATAKA - 577203  
PH. NO :8970437537



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

**ABHISHEK MN**

for passing the course

**English Language for Competitive Exams**

with Score\* **86** %

Covid-19  
impacted  
January 2020  
semester

*Devendra Jalihal*

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

Jan-Apr 2020  
(12 week course)

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



\*Continuous online assessment score

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

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

Roll No: NPTEL20MA22S1342831

To  
SRIKANTA DATTA KASHYAP  
ANANTHA NILIYA 5TH GANESHA COLONY  
JANNAPURA  
BHADRAVATHI  
SHIMOGA  
KARNATAKA - 577301  
PH. NO :9482483290



No. of credits recommended by NPTEL:1

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



# NPTEL Online Certification

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



This certificate is awarded to

**SRIKANTA DATTA KASHYAP**

for passing the course

**Introduction to Probability and Statistics**

with Score\* **78** %

**Covid-19  
impacted  
January 2020  
semester**

*Devendra Jalihal*

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

**Jan-Feb 2020**  
**(4 week course)**

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



\*Continuous online assessment score

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

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

Roll No: NPTEL20MG15S1321877

To

CHAITRA M I  
DOM.S.INDUSHEKAR,#1052,3RD CROSS ,  
JAYANAGARA,SHIMOGA, KARNATAKA  
SHIMOGA  
KARNATAKA-577201  
PH. NO :8197257404



No. of credits 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

**CHAITRA M I**

for passing the course

**Principles of Human Resource Management**

with Score\* **90** %

Covid-19  
impacted  
January 2020  
semester

A. Goswami

Prof. Adrijit Goswami

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur

Jan-Mar 2020  
(8 week course)



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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



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

Roll No: NPTEL20MG15S1758942

To

NITHIN K G  
SO S K GURUMURTHY, 1ST WARD, SRINIVAS  
THEATRE ROAD, OPPOSITE TMC PARK  
SANDUR  
BELLARY  
KARNATAKA - 583119  
PH. NO :9741548818



No. of credits 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

**NITHIN K G**

for passing the course

**Principles of Human Resource Management**

with Score\* **96** %

Covid-19  
impacted  
January 2020  
semester

A. Goswami

**Prof. Adrijit Goswami**

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur

Jan-Mar 2020  
(8 week course)



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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

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

Roll No: NPTEL20MG15S1870894

To  
SUPRADHA RAO K G  
DO GURUPRASAD RAO, SHRIVASUPRADHA  
NILAYA, KADASUR POST AND VILLAGE,  
HOSNAGARA  
KADASUR  
SHIMOGA  
KARNATAKA - 577436  
PH. NO :8496028976



No. of credits 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

**SUPRADHA RAO K G**

for passing the course

**Principles of Human Resource Management**

with Score\* **94** %

Covid-19  
impacted  
January 2020  
semester

A. Goswami

Prof. Adrijit Goswami

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur

Jan-Mar 2020  
(8 week course)



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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

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

Roll No: NPTEL20MM05S1206168

To  
SAMMED S MUPPANE  
#ON6,PWD OFFICERS  
QURTZ,BASAVANAGUDI,SHIVAMOGGA577201  
SHIVAMOGGA  
SHIMOGA  
KARNATAKA - 577201  
PH. NO :9482478332



No. of credits 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

**SAMMED S MUPPANE**

for passing the course

**Solar Photovoltaics : Principles,  
Technologies & Materials**

with Score\* **51** %



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

Jan-Mar 2020  
(8 week course)

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



Indian Institute of Technology Kanpur



\*Continuous online assessment score

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



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

Roll No: NPTEL20MM05S1414484

To  
SOURABHA JOIS  
DARSHAN ELECTRONICS, MAIN ROAD  
SORAB  
SHIMOGA  
KARNATAKA - 577429  
PH. NO :9980330864



No. of credits 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

**SOURABHA JOIS**

for passing the course

**Solar Photovoltaics : Principles,  
Technologies & Materials**

with Score\* **45** %

**Covid-19  
impacted  
January 2020  
semester**

**Prof. Rajesh M. Hegde**

Chairman, Centre for Continuing Education  
IIT Kanpur

Jan-Mar 2020  
(8 week course)

**Prof. Satyaki Roy**

NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



\*Continuous online assessment score

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

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

Roll No: NPTEL20MM05S1443594

To  
PRIYANKA P  
9TH CROSS,VINAYAKA PARKBASVANGUDII  
SHIVAMOGA  
SHIMOGA  
KARNATAKA - 577201  
PH. NO :8618379481



No. of credits 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

**PRIYANKA P**

for passing the course

**Solar Photovoltaics : Principles,  
Technologies & Materials**

with Score\* **51** %



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

Jan-Mar 2020  
(8 week course)

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



Indian Institute of Technology Kanpur



\*Continuous online assessment score

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

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

Roll No: NPTEL20MM05S1536703

To  
GANESH HV  
TOWN STREAT  
HOLEHONNUR  
SHIMOGA  
KARNATAKA - 577201  
PH. NO :9886443431



No. of credits 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

**GANESH HV**

for passing the course

**Solar Photovoltaics : Principles,  
Technologies & Materials**

with Score\* **56** %



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

Jan-Mar 2020  
(8 week course)

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



Indian Institute of Technology Kanpur



\*Continuous online assessment score

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



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

Roll No: NPTEL20MM05S1791898

To  
PRUTHVIK M  
NETHRA NILAYA, 7TH CROSS 1ST MAIN A  
BLOCK,SHARAVATHI NAGARA, SHIMOGA  
SHIVAMOGGA  
SHIMOGA  
KARNATAKA - 577201  
PH. NO :8147190484



No. of credits 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

**PRUTHVIK M**

for passing the course

**Solar Photovoltaics : Principles,  
Technologies & Materials**

with Score\* **53** %



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

Jan-Mar 2020  
(8 week course)

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



Indian Institute of Technology Kanpur



\*Continuous online assessment score

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

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

Roll No: NPTEL20PH24S51210262

To  
SUMANTH SHANBOG H R  
"ANITHA NIVASA", SHANKAR GAS AGENCY ROAD  
(D. G. ROAD)  
LOWER HUTTA  
BHADRAVATHI  
KARNATAKA - 577301  
PH. NO :9686330315



Score	Type 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  
**SUMANTH SHANBOG H R**  
for successfully completing the course



## Semiconductor Optoelectronics

with a consolidated score of **76** %

Online Assignments	19.69/25	Proctored Exam	56.25/75
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*Devendra Jalihal*

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

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

Sep-Dec 2020  
(12 week course)

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras





# Certificate of Completion

*This is to certify that Rohith adiga hr successfully completed 9.5 total hours of Automate the Boring Stuff with Python Programming online course on*

*April 4, 2020*

*Al Sweigart*

Al Sweigart, Instructor

&

 Udemy

Certificate no: UC-dab87aff-0d8e-4812-8827-de8ca55bf527  
Certificate uri: ude.my/UC-dab87aff-0d8e-4812-8827-de8ca55bf527

#BeAble







# CERTIFICATE OF COMPLETION

Presented to

**Umesha Ramesha Hugger**

For successfully completing a free online course

**Python for Machine Learning**

Provided by

**Great Learning Academy**

(On July 2020)

# Certificate of Training

**GanaShree K G,**

student of Jawaharlal Nehru National College Of Engineering, has successfully completed a eight weeks online training on **Android App Development** from 19th June 2020 to 14th August 2020. The training consisted of Introduction to Android, World of Kotlin, Android Kick-Off, Higher Order Functionalities and The Final Project modules. We wish GanaShree all the best for the future.

A handwritten signature in black ink, appearing to read "Sarvesh".

**Sarvesh Agrawal**  
Founder & CEO, Internshala

Date of certification: 2020-07-27

Certificate no. : 6DDECCD2-5A09-A0ED-0A87-FDBDA7FC76DC

For certificate authentication, please visit [https://trainings.internshala.com/verify\\_certificate](https://trainings.internshala.com/verify_certificate)

*This is to certify that*  
**UMESHA RAMESHA HUGGER UMESHA RAMESHA HUGGE**  
*has successfully completed*  
**Career Edge - Knockdown the Lockdown**  
*online course offered by TCS iON*

**Start Date: 08 Apr 2020** | **End Date: 06 May 2020**

**Topics:**

- Communication Skills
- Presentation Skills
- Soft Skills
- Career Guidance Framework
- Resume Writing
- Group Discussion Skills
- Interview Skills
- Business Etiquette
- Effective Email Writing
- Telephone Etiquette
- Accounting Fundamentals
- IT Foundational Skills
- Overview of Artificial Intelligence\* (Source: NPTEL)



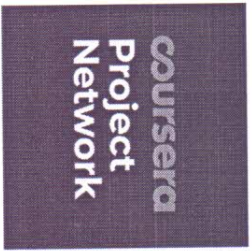
Cert. ID.: 119854-6667116-1016  
Dated: 06 May 2020

*Mehul Mehta*

**Mehul Mehta**

Global Delivery Head, TCS iON





Jun 19, 2020

Sindhhu K

has successfully completed

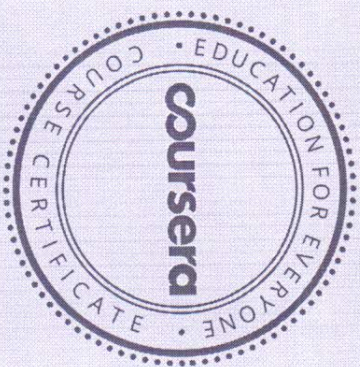
Build Your Portfolio Website with HTML and CSS

an online non-credit course authorized by Coursera Project Network and offered through Coursera

A handwritten signature in black ink that reads "Harrison Kong".

Harrison Kong  
Subject Matter Expert / Instructor

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/ZANQLSH29QQL](https://coursera.org/verify/ZANQLSH29QQL)  
Coursera has confirmed the identity of this individual and their participation in the course.



COURSE  
CERTIFICATE

Jun 27, 2020

Sindhv K

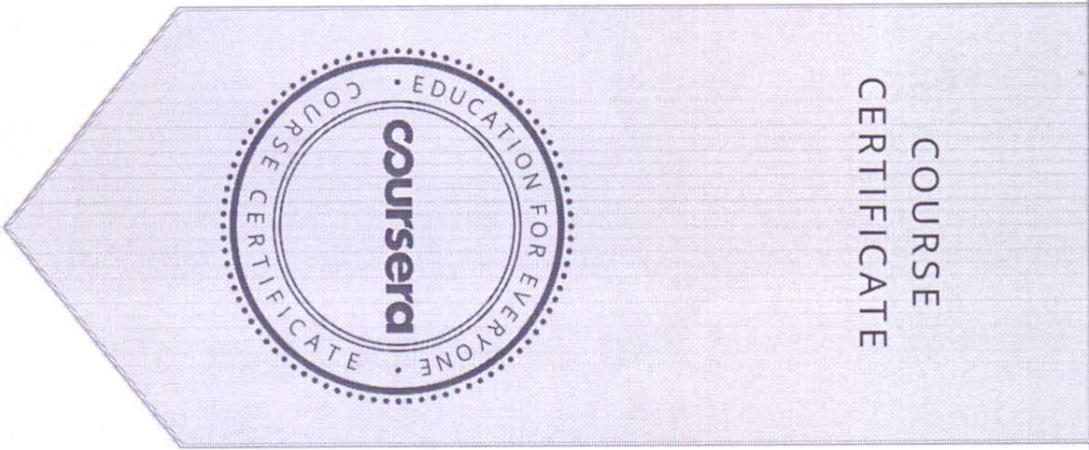
has successfully completed

Python Data Structures

an online non-credit course authorized by University of Michigan and offered through  
Coursera

A handwritten signature in black ink, appearing to read 'CS', written over a horizontal dotted line.

Charles Severance  
Clinical Professor, School of Information  
University of Michigan



Verify at [coursera.org/verify/ZUYCAVYZRWHF](https://coursera.org/verify/ZUYCAVYZRWHF)  
Coursera has confirmed the identity of this individual and their  
participation in the course.





COURSE  
CERTIFICATE

07/10/2020

**Soumya S Shirali**

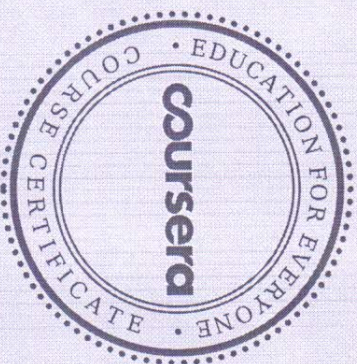
has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera

A handwritten signature in black ink, appearing to read 'CS', written over a horizontal dotted line.

Charles Severance  
Clinical Professor, School of Information  
University of Michigan



Verify at [coursera.org/verify/5LHWXXY48WMFB](https://coursera.org/verify/5LHWXXY48WMFB)  
Coursera has confirmed the identity of this individual and their participation in the course.





COURSE  
CERTIFICATE

07/13/2020

**Soumya S Shirali**

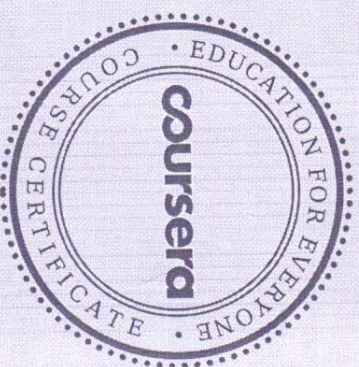
has successfully completed

**Python Data Structures**

an online non-credit course authorized by University of Michigan and offered through  
Coursera

A handwritten signature in black ink, appearing to read 'CS', followed by a horizontal line.

Charles Severance  
Clinical Professor, School of Information  
University of Michigan



Verify at [coursera.org/verify/SS6QTNQUYXHU](https://coursera.org/verify/SS6QTNQUYXHU)  
Coursera has confirmed the identity of this individual and  
their participation in the course.

Google

07/26/2020

Harsha H G

has successfully completed

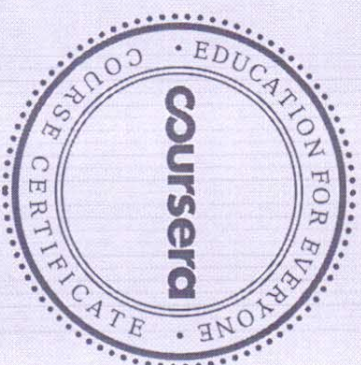
Using Python to Interact with the Operating System

an online non-credit course authorized by Google and offered through Coursera

Google

Google

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/U339HZSYH8C9](https://coursera.org/verify/U339HZSYH8C9)  
Coursera has confirmed the identity of this individual and  
their participation in the course.





UNIVERSITY  
OF LONDON

07/26/2020

**Soumya S Shirali**

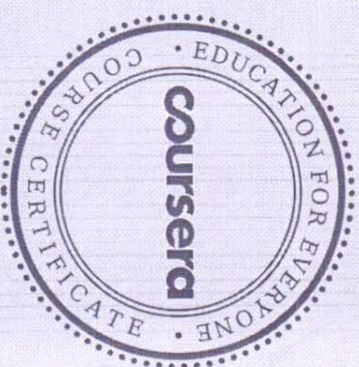
has successfully completed

**Responsive Website Basics: Code with HTML, CSS,  
and JavaScript**

an online non-credit course authorized by University of London and Goldsmiths,  
University of London and offered through Coursera

Dr. Matthew Yee-King, Dr. Marco Gillies, Dr. Kate Devlin  
Computing Department  
Goldsmiths, University of London

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/PJZY9MVEAVR2](https://coursera.org/verify/PJZY9MVEAVR2)  
Coursera has confirmed the identity of this individual and  
their participation in the course.





Aug 1, 2020

Clinton U Peter

has successfully completed

Introduction to Artificial Intelligence (AI)

an online non-credit course authorized by IBM and offered through Coursera

Rav Ahuja  
AI & Data Science Program Director  
IBM Skills Network

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/FBZER4WWA63L](https://coursera.org/verify/FBZER4WWA63L)  
Coursera has confirmed the identity of this individual and their participation in the course.



08/06/2020

**Ranjitha M**

has successfully completed

**Introduction to HTML5**

an online non-credit course authorized by University of Michigan and offered through Coursera

**COURSE  
CERTIFICATE**



*Colleen van Lent*

Colleen van Lent, Ph.D.  
Lecturer  
School of Information, University of Michigan

*Charles Severance*

Charles Severance  
Clinical Professor, School of Information  
University of Michigan

Verify at [coursera.org/verify/ZS8LZFMB58FH](https://coursera.org/verify/ZS8LZFMB58FH)  
Coursera has confirmed the identity of this individual and  
their participation in the course.



COURSE  
CERTIFICATE

08/10/2020

**Soumya S Shirali**

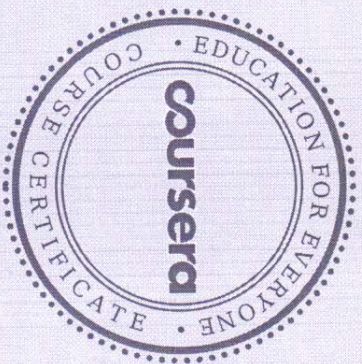
has successfully completed

**Using Python to Access Web Data**

an online non-credit course authorized by University of Michigan and offered through  
Coursera

A handwritten signature in black ink, appearing to read 'CS', written over a horizontal dotted line.

Charles Severance  
Clinical Professor, School of Information  
University of Michigan



Verify at [coursera.org/verify/ESZAHBTYCRKF](https://coursera.org/verify/ESZAHBTYCRKF)  
Coursera has confirmed the identity of this individual and  
their participation in the course.





COURSE  
CERTIFICATE

08/22/2020

**Soumya S Shirali**

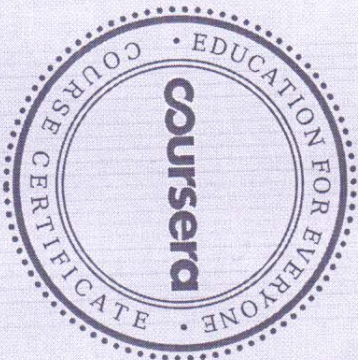
has successfully completed

**Using Databases with Python**

an online non-credit course authorized by University of Michigan and offered through  
Coursera

A handwritten signature in black ink, appearing to read 'CS', followed by a horizontal line.

Charles Severance  
Clinical Professor, School of Information  
University of Michigan



Verify at [coursera.org/verify/QWHzXULSACY3](https://coursera.org/verify/QWHzXULSACY3)  
Coursera has confirmed the identity of this individual and  
their participation in the course.

# Google

08/25/2020

## Harsha H G

has successfully completed

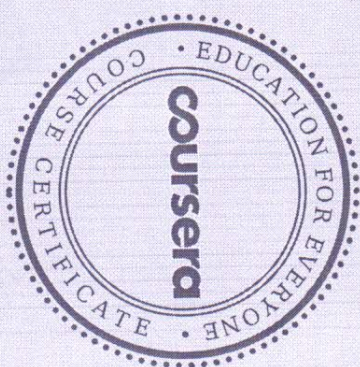
### Introduction to Git and GitHub

an online non-credit course authorized by Google and offered through Coursera

*Google*

Google

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/NZPBVQXD43H6](https://coursera.org/verify/NZPBVQXD43H6)  
Coursera has confirmed the identity of this individual and  
their participation in the course.





COURSE  
CERTIFICATE

08/27/2020

**Soumya S Shirali**

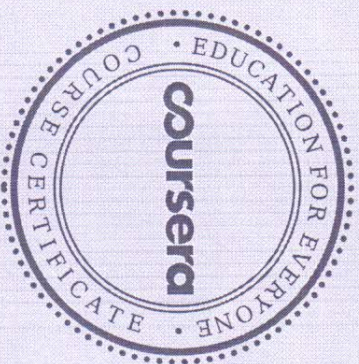
has successfully completed

**Capstone: Retrieving, Processing, and Visualizing  
Data with Python**

an online non-credit course authorized by University of Michigan and offered through  
Coursera

A handwritten signature in black ink, appearing to read 'CS', written over a horizontal dotted line.

Charles Severance  
Clinical Professor, School of Information  
University of Michigan



Verify at [coursera.org/verify/Y34BQLXCNDUSK](https://coursera.org/verify/Y34BQLXCNDUSK)  
Coursera has confirmed the identity of this individual and  
their participation in the course.





The State University  
of New York

Sep 1, 2020

Clinton U Peter

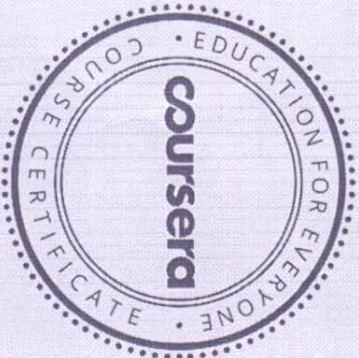
has successfully completed

Blockchain Basics

an online non-credit course authorized by University at Buffalo, The State University of  
New York and offered through Coursera

Bina Ramanurthy  
Teaching Professor  
Computer Science and Engineering

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/C7ZZA8AZQA5W](https://coursera.org/verify/C7ZZA8AZQA5W)  
Coursera has confirmed the identity of this individual and their  
participation in the course.

Google

Sep 10, 2020

Harsha H G

has successfully completed

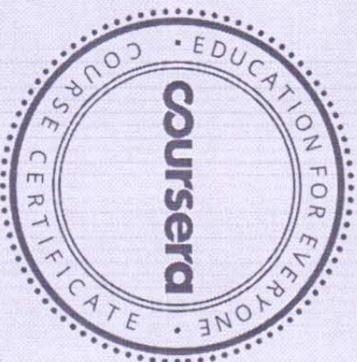
Troubleshooting and Debugging Techniques

an online non-credit course authorized by Google and offered through Coursera

Google

Google

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/K7YVCAZMGKGZ](https://coursera.org/verify/K7YVCAZMGKGZ)  
Coursera has confirmed the identity of this individual and their participation in the course.

# UNIVERSITY OF MICHIGAN

COURSE  
CERTIFICATE

Jun 20, 2022

**Kavana J S**

has successfully completed

**Programming for Everybody (Getting Started with Python)**

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Sevrance  
Clinical Professor, School of Information  
University of Michigan



Verify at:

<https://coursera.org/verify/FNSCZPSSB5UDP>

Coursera has confirmed the identity of this individual and their participation in the course.





COURSE  
CERTIFICATE

Jul 23, 2022

**Kavana J S**

has successfully completed

**Introduction to Java**

an online non-credit course authorized by LearnQuest and offered through Coursera

*Noel J. Bergman*

Noel J Bergman

Evan Bergman



Verify at:

<https://coursera.org/verify/7X588VRAFGK2>

Coursera has confirmed the identity of this individual and their participation in the course.