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Roll No: NPTEL19AE05S61140802

To  
SATYA PANDYA  
C318, NEW CAUVERY HOSTEL, RV COLLEGE OF  
ENGINEERING, RV VIDYANIKETAN, MYSORE ROAD  
BANGALORE  
BANGALORE RURAL DISTRICT  
KARNATAKA  
560059  
PH. NO : 9512644488



Score	Type 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)



SATYA PANDYA  
02.11.2017



This certificate is awarded to

**SATYA PANDYA**

for successfully completing the course

## Introduction to Aerospace Engineering - Flight

with a consolidated score of **78** %

Online Assignments	18.31/25	Proctored Exam	60/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **156**

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Bombay



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Roll No: NPTEL19AE06S61140073

To  
SIDDALINGANA GOWDA  
#12,2ND CROSS,9TH MAIN  
NEAR PRATHAM VIDYA MANDIR,VIRATNAGAR  
BOMMANAHALLI  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560068  
PH. NO :8310678139



Score	Type 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  
**SIDDALINGANA GOWDA**  
for successfully completing the course

## Design of Fixed Wing Unmanned Aerial Vehicles

with a consolidated score of **66** %

Online Assignments	17.79/25	Proctored Exam	48/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 146

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

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

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



Indian Institute of Technology Kanpur





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Roll No: NPTEL19AE06S61141512

To  
YESHAS M N BHARADWAJ  
#44, 1ST MAIN, 3RD CROSS, MEENAKSHI  
RESIDENCY,  
KODIPALYA, KENGERI, BANGALORE-60  
BANGALORE URBAN  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560060  
PH. NO :9916820038



Score	Type 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

**YESHAS M N BHARADWAJ**

for successfully completing the course

## Design of Fixed Wing Unmanned Aerial Vehicles

with a consolidated score of **48** %

Online Assignments	13.58/25	Proctored Exam	34.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 146

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

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

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



Indian Institute of Technology Kanpur



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Roll No: NPTEL19AE06S61142590

To  
DEEPIKA VARSHINI R  
SAPTHAGIRI HEIGHTS VINAYAK NAGAR OLD  
AIRPORT ROAD BANGALORE  
BENGALURU  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560017  
PH. NO :9164378796



Score	Type 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  
**DEEPIKA VARSHINI R**  
for successfully completing the course

## Design of Fixed Wing Unmanned Aerial Vehicles

with a consolidated score of **70** %

Online Assignments	20.00/25	Proctored Exam	49.5/75
--------------------	----------	----------------	---------

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

Total number of candidates certified in this course: 146

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

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



Indian Institute of Technology Kanpur



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Roll No: NPTEL19AE06S61140411

To  
AADITYA WANGIKAR  
C215, CAUVERY HOSTEL, RV COLLEGE OF  
ENGINEERING, MYSORE ROAD  
BENGALURU  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560059  
PH. NO :8734934809



Score	Type 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  
**AADITYA WANGIKAR**  
for successfully completing the course

## Design of Fixed Wing Unmanned Aerial Vehicles

with a consolidated score of **72** %

Online Assignments	17.92/25	Proctored Exam	54/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 146

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

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

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



Indian Institute of Technology Kanpur





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



Roll No: NPTEL19AE06S61140858

To  
DEEKSHA K  
101, LAKSHMI NARAYANA NILAYA  
5TH MAIN, 3RD CROSS, M E I LAYOUT,  
BAGALAGUNTE,  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560073  
PH. NO :7760853260



Score	Type 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

**DEEKSHA K**

for successfully completing the course

## Design of Fixed Wing Unmanned Aerial Vehicles

with a consolidated score of **67** %

Online Assignments	17.79/25	Proctored Exam	49.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 146

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

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

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



Indian Institute of Technology Kanpur



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



Roll No: NPTEL19AE06S61140874

To  
VISHAL HJ  
#972, 65TH CROSS, 5TH BLOCK, RAJAJI  
NAGAR  
BENGALURU  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560010  
PH. NO :9483729601



Score	Type 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

**VISHAL HJ**

for successfully completing the course

## Design of Fixed Wing Unmanned Aerial Vehicles

with a consolidated score of **65** %

Online Assignments	18.75/25	Proctored Exam	46.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 146

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

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

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



Indian Institute of Technology Kanpur



Roll No: NPTEL19AE06S61140874

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

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Roll No: NPTEL19AE06S61141522

To

GOVARDHAN K  
NO. 9, 8TH MAIN ROAD, ANANDA NAGAR, NEAR  
VENKATAPPA LAYOUT, HOSAKEREHALLI  
BSK 3RD STAGE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560085  
PH. NO :8123609565



Score	Type 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

**GOVARDHAN K**

for successfully completing the course

## Design of Fixed Wing Unmanned Aerial Vehicles

with a consolidated score of **56** %

Online Assignments	20.00/25	Proctored Exam	36/75
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**Prof. Rajesh M. Hegde**

Chairman, Centre for Continuing Education  
IIT Kanpur

Total number of candidates certified in this course: **146**

**Aug-Oct 2019**

**(8 week course)**

**Prof. Satyaki Roy**

NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur





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Roll No: NPTEL19AE08S31141110

To  
AADITYA WANGIKAR  
C215, CAUVERY HOSTEL, RV COLLEGE OF  
ENGINEERING, MYSORE ROAD  
BENGALURU  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560059  
PH. NO :8734934809



Score	Type 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  
**AADITYA WANGIKAR**  
for successfully completing the course

## Introduction to Rocket Propulsion

with a consolidated score of **57** %

Online Assignments	22.44/25	Proctored Exam	34.5/75
--------------------	----------	----------------	---------

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

Total number of candidates certified in this course: 96

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

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



Indian Institute of Technology Kanpur



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Roll No: NPTEL19AE09S61140469

To

ANANTHA KRISHNAN R  
ROOM NO. C 336, CAUVERY HOSTEL, RV  
COLLEGE OF ENGINEERING, MYSURU ROAD  
Kengeri  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560059  
PH. NO :8197564096



Score	Type 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

**ANANTHA KRISHNAN R**

for successfully completing the course

## Vibration and Structural Dynamics

with a consolidated score of **62** %

Online Assignments	15.08/25	Proctored Exam	46.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 92

A. Goswami

Aug-Oct 2019  
(8 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19AE09S61140469

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

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



Roll No: NPTEL19AE09S61142762

To  
BHARATH E  
181/3, C-5, MARUTHI KRUPA,  
6TH G CROSS, KAGGADASAPURA  
BENGALURU  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560093  
PH. NO :8904651195



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

No. of credits recommended by NPTEL:2

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to

**BHARATH E**

for successfully completing the course

## Vibration and Structural Dynamics

with a consolidated score of **73** %

Online Assignments	21.96/25	Proctored Exam	51/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 92

A. Goswami

Aug-Oct 2019  
(8 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19AE09S61142762

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



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



Roll No: NPTEL19AE10S51140115

To  
SIDDALINGANA GOWDA  
#12,2ND CROSS,9TH MAIN  
NEAR PRATHAM VIDYA MANDIR,VIRATNAGAR  
BOMMANAHALLI  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560068  
PH. NO :8310678139



Score	Type 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  
**SIDDALINGANA GOWDA**  
for successfully completing the course  
**Aircraft Stability and Control**

with a consolidated score of **62** %

Online Assignments	15.31/25	Proctored Exam	46.5/75
--------------------	----------	----------------	---------

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

Total number of candidates certified in this course: 46

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

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



Indian Institute of Technology Kanpur



Roll No: NPTEL19AE10S51140115

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

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Roll No: NPTEL19AG05S41141636

To

RAKSHA.M  
#30/108/1,3RD MAIN,TUNGA RIVER ROAD,  
DATTATREYA NAGAR,  
BSK -3RD STAGE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560085  
PH. NO :8618554024



Score	Type 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

**RAKSHA.M**

for successfully completing the course

## Dairy and Food Process and Products Technology

with a consolidated score of **62** %

Online Assignments	20.00/25	Proctored Exam	42/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **544**

*A. Goswami*

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19AG05S41141636

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

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Roll No: NPTEL19BT18S61141568

To

SHIVAPRADA.S.HEGDE  
#6 E.W.S SRI LAXMI NARASIMHA NILAYA, 8TH  
CROSS, 2ND STAGE KENGERI SATELLITE TOWN  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560060  
PH. NO : 9482932199



Score	Type 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  
**SHIVAPRADA.S.HEGDE**  
for successfully completing the course  
**Plant Cell Bioprocessing**

with a consolidated score of **85** %

Online Assignments	23.29/25	Proctored Exam	61.5/75
--------------------	----------	----------------	---------

*Devendra Jalihal*

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

Total number of candidates certified in this course: 229

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

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL19BT18S61141568

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



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Roll No: NPTEL19BT18S61141368

To

O . SRUTI

ROOM NO. 304, RR NAGAR PATTANAGARE,  
GLOBAL VILLAGE FRONT GATE, MYSORE ROAD  
RR NAGAR, PATTANAGARE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560059  
PH. NO : 8972050898



Score	Type 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

**O . SRUTI**

for successfully completing the course

**Plant Cell Bioprocessing**

with a consolidated score of **78** %

Online Assignments	22.33/25	Proctored Exam	55.5/75
--------------------	----------	----------------	---------

*Devendra Jalihal*

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

Total number of candidates certified in this course: 229

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

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL19BT18S61141368

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

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



Roll No: NPTEL19BT20S31141752

To

RAKSHA.M  
#30/108/1,3RD MAIN,TUNGA RIVER ROAD,  
DATTATREYA NAGAR,  
BSK -3RD STAGE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560085  
PH. NO :8618554024



Score	Type 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

**RAKSHA.M**

for successfully completing the course

**Industrial Biotechnology**

with a consolidated score of **69** %

Online Assignments	21.22/25	Proctored Exam	47.73/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 263

A. Goswami

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19BT20S31141752

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

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Roll No: NPTEL19BT20S41141643

To  
AKSHAYA.A  
Q 32 1ST MAIN ROAD, 1ST CROSS  
MARUTHI EXTENSION  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560021  
PH. NO :9538286066



Score	Type 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

**AKSHAYA.A**

for successfully completing the course

**Industrial Biotechnology**

with a consolidated score of **61** %

Online Assignments	22.00/25	Proctored Exam	39/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 263

Jul-Oct 2019  
(12 week course)

A. Goswami

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19BT20S41141643

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



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



Roll No: NPTEL19BT22S11121141

To  
PRESHITA SANJAY DAVE  
A-3/1002, ELITA PROMENADE  
J.P NAGAR 7TH PHASE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560078  
PH. NO :9663380723



Score	Type 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  
**PRESHITA SANJAY DAVE**  
for successfully completing the course  
**Computer Aided Drug Design**

with a consolidated score of **80** %

Online Assignments	18.83/25	Proctored Exam	60.75/75
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*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **154**

Jul-Sep 2019  
(8 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19BT22S11121141

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

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



Roll No: NPTEL19BT28S31140951

To  
PAVITRA RAJURR  
RV COLLEGE OF ENGINEERING, MYSORE ROAD  
RV VIDYANIKETAN POST  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560059  
PH. NO : 7975788323



Score	Type 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  
**PAVITRA RAJURR**  
for successfully completing the course  
**Biomedical Nanotechnology**

with a consolidated score of **76** %

Online Assignments	23.25/25	Proctored Exam	52.5/75
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Total number of candidates certified in this course: 957

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

**Aug-Sep 2019**  
**(4 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: NPTEL19BT28S41141056

To  
ACHISHA SAIKIA  
FLAT NO. 201, LAKHIMI APARTMENT,  
LAKHIMI NAGAR, HATIGAON  
GUWAHATI  
ASSAM  
781005  
PH. NO :9127351628



Score	Type 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  
**ACHISHA SAIKIA**  
for successfully completing the course  
**Biomedical Nanotechnology**

with a consolidated score of **69** %

Online Assignments	24.17/25	Proctored Exam	45/75
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Total number of candidates certified in this course: **957**

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

**Aug-Sep 2019**  
**(4 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: NPTEL19BT28S31141670

To  
AKSHAYA.A  
Q 32 1ST MAIN ROAD, 1ST CROSS  
MARUTHI EXTENSION  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560021  
PH. NO :9538286066



Score	Type 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

**AKSHAYA.A**

for successfully completing the course

**Biomedical Nanotechnology**

with a consolidated score of **76** %

Online Assignments	23.25/25	Proctored Exam	52.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **957**

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

**Aug-Sep 2019**  
**(4 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: NPTEL19BT29S61142837

To  
GIRISH K H  
#17, 3RD CROSS, CHOWDESHWARI LAYOUT  
KODIGEHALI  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560092  
PH. NO :8151982854



Score	Type 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

**GIRISH K H**

for successfully completing the course

## Fundamentals of Micro and Nanofabrication

with a consolidated score of **75** %

Online Assignments	20.88/25	Proctored Exam	54.58/75
--------------------	----------	----------------	----------

**Prof. G. L. Sivakumar Babu**  
Chairman, Centre for Continuing Education  
IISc Bangalore

Total number of candidates certified in this course: 19

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

**Prof. L. Umanand**  
NPTEL Coordinator  
IISc Bangalore



Indian Institute of Science Bangalore



Roll No: NPTEL19BT29S61142837

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

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



Roll No: NPTEL19CE18S51140002

To  
MOHAMMED FARAAZ S  
216, 2ND B CROSS, KASTURINAGAR  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560043  
PH. NO :9742985245



Score	Type 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  
**MOHAMMED FARAAZ S**  
for successfully completing the course  
**Strength of Materials**

with a consolidated score of **78** %

Online Assignments	22.09/25	Proctored Exam	56.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 416

A. Goswami

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CE18S51140002

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



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



Roll No: NPTEL19CE18S51140008

To  
GIRISH BALACHANDRA UMADI  
C 326, CAUVERY HOSTEL, R V COLLEGE,  
MYSURU ROAD  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560059  
PH. NO :8884639929



Score	Type 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  
**GIRISH BALACHANDRA UMADI**  
for successfully completing the course  
**Strength of Materials**

with a consolidated score of **75** %

Online Assignments	23.41/25	Proctored Exam	51.25/75
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Total number of candidates certified in this course: **416**

A. Goswami

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CE18S51140008

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

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



Roll No: NPTEL19CE18S51140014

To

VAIBHAV M N  
2107,1ST FLOOR,31ST CROSS ROAD,D-GROUP  
LAYOUT,SRIGANDADA KAVAL  
GIDADAKONENAHALLI  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560091  
PH. NO :8050573803



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

No. of credits recommended by NPTEL:3

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to

**VAIBHAV M N**

for successfully completing the course

**Strength of Materials**

with a consolidated score of **85** %

Online Assignments	23.13/25	Proctored Exam	61.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **416**

*A. Goswami*

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CE18S51140014

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

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



Roll No: NPTEL19CE18S61140343

To  
PRAJWAL T R  
MELUKUNTE(POST), THOGARAGUNTE  
SIRA(TQ)  
TUMKUR  
KARNATAKA  
572137  
PH. NO :9972350195



Score	Type 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  
**PRAJWAL T R**  
for successfully completing the course  
**Strength of Materials**

with a consolidated score of **50** %

Online Assignments	15.19/25	Proctored Exam	35.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **416**

*A. Goswami*

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CE18S61140343

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



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



Roll No: NPTEL19CE18S61140096

To  
VENKAT KUMAR P  
R V COLLEGE OF ENGINEERING  
R.V.VIDYANIKETAN POST, MYSORE ROAD, M.V  
HOSTEL  
BENGALURU  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560059  
PH. NO :9902164626



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

No. of credits recommended by NPTEL:3

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to  
**VENKAT KUMAR P**  
for successfully completing the course  
**Strength of Materials**

with a consolidated score of **61** %

Online Assignments	20.97/25	Proctored Exam	39.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **416**

A. Goswami

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CE18S61140096

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

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



Roll No: NPTEL19CE18S61140098

To

SYED SALMAN

#30 2ND CROSS DEAD END, SHAKTIFARM ROAD

,OPP VIDYASAGAR SCHOOL

BHOOPASANDRA

BANGALORE URBAN DISTRICT

KARNATAKA

560094

PH. NO :8095693528



Score	Type 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

**SYED SALMAN**

for successfully completing the course

**Strength of Materials**

with a consolidated score of **66** %

Online Assignments	21.16/25	Proctored Exam	45/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **416**

*A. Goswami*

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CE18S61140098

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

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



Roll No: NPTEL19CE18S61140341

To  
ABHISHEK AKIRI  
R V COLLEGE OF ENGINEERING MYSORE ROAD  
BANGLORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560059  
PH. NO :9686351538



Score	Type 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  
**ABHISHEK AKIRI**  
for successfully completing the course  
**Strength of Materials**

with a consolidated score of **57** %

Online Assignments	20.50/25	Proctored Exam	36/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **416**

*A. Goswami*

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CE18S61140341

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



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



Roll No: NPTEL19CE18S61141452

To  
SATISH G HIREMATH  
C 326 CAUVERY HOSTELL  
RV COLLEGE OF ENGINEERING  
MAILASANDRA  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560059  
PH. NO :9980315941



Score	Type 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  
**SATISH G HIREMATH**  
for successfully completing the course  
**Strength of Materials**

with a consolidated score of **79** %

Online Assignments	23.50/25	Proctored Exam	55.5/75
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Total number of candidates certified in this course: 416

A. Goswami

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CE18S61141452

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

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



Roll No: NPTEL19CE18S61142625

To

K.S.TANISH  
#12, BLOCK 8-B, NANDI GARDENS, PHASE-1,  
ANJANAPURA POST, J.P.NAGAR 9TH PHASE  
BENGALURU  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560062  
PH. NO :9731893278



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

No. of credits recommended by NPTEL:3

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



# NPTEL Online Certification

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



This certificate is awarded to

**K.S.TANISH**

for successfully completing the course

**Strength of Materials**

with a consolidated score of **49** %

Online Assignments	18.94/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **416**

*A. Goswami*

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CE18S61142625

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

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



Roll No: NPTEL19CE18S51140004

To  
MAYANK B SIMHA  
717, 10TH A MAIN ROAD  
4TH BLOCK JAYANAGAR  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560011  
PH. NO : 9632323078



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

No. of credits recommended by NPTEL:3

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to  
**MAYANK B SIMHA**  
for successfully completing the course  
**Strength of Materials**

with a consolidated score of **60** %

Online Assignments	22.69/25	Proctored Exam	37.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 416

A. Goswami

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CE18S51140004

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



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



Roll No: NPTEL19CE18S61141470

To  
DWITHIJ R  
416, 14TH C  
CROSS, BHOVIPALYA, MAHALAKSHMIPURAM, BANGALORE-560086  
MAHALAKSHMIPURAM  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560086  
PH. NO : 8277912967



Score	Type 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  
**DWITHIJ R**  
for successfully completing the course  
**Strength of Materials**

with a consolidated score of **84** %

Online Assignments	22.88/25	Proctored Exam	60.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 416

A. Goswami

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CE18S61141470

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

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



Roll No: NPTEL19CE18S61140331

To

ABHISHEK S J  
R V COLLEGE OF ENGINEERING MYSORE ROAD  
BANGLORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560059  
PH. NO :8971538474



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

No. of credits recommended by NPTEL:3

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to

**ABHISHEK S J**

for successfully completing the course

**Strength of Materials**

with a consolidated score of **65** %

Online Assignments	19.31/25	Proctored Exam	45.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **416**

*A. Goswami*

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CE18S61140331

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

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



Roll No: NPTEL19CE18S61140339

To  
G NITHIN  
#2-475/12-B, BAPUJI NAGAR  
KRPALLI  
CHITTOOR  
ANDHRA PRADESH  
517001  
PH. NO :9177659767



Score	Type 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

**G NITHIN**

for successfully completing the course

**Strength of Materials**

with a consolidated score of **64** %

Online Assignments	19.63/25	Proctored Exam	44.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **416**

*A. Goswami*

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CE18S61140339

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



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



Roll No: NPTEL19CE18S61141446

To

NIKHIL SHREEARUN  
D2041 SOBHA TULIP 24TH MAIN JP NAGAR  
6TH PHASE  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560078  
PH. NO :9886823823



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

No. of credits recommended by NPTEL:3

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to  
**NIKHIL SHREEARUN**  
for successfully completing the course  
**Strength of Materials**

with a consolidated score of **69** %

Online Assignments	18.28/25	Proctored Exam	50.25/75
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Total number of candidates certified in this course: **416**

A. Goswami

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CE18S61141446

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

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



Roll No: NPTEL19CE18S61141458

To  
PRATEEK RAJU MALAGANVE  
BASAVANNA GALLI  
SHEDBAL  
ATHNI  
BELGAUM  
KARNATAKA  
591315  
PH. NO : 7411219796



Score	Type 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  
**PRATEEK RAJU MALAGANVE**  
for successfully completing the course  
**Strength of Materials**

with a consolidated score of **65** %

Online Assignments	18.03/25	Proctored Exam	46.5/75
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Total number of candidates certified in this course: 416

A. Goswami

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CE18S61141458

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

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



Roll No: NPTEL19CE18S61141460

To  
CHODAGIRI ABHISHEK  
FLAT NO. G2, BHANU SYMPHONY APARTMENT,  
20TH CROSS, AKSHAYA NAGAR, BANGALORE  
560016  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560016  
PH. NO : 8971725662



Score	Type 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  
**CHODAGIRI ABHISHEK**  
for successfully completing the course  
**Strength of Materials**

with a consolidated score of **73** %

Online Assignments	21.44/25	Proctored Exam	51.75/75
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Total number of candidates certified in this course: 416

A. Goswami

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CE18S61141460

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



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



Roll No: NPTEL19CE18S61141464

To

HARSHITH N G  
SRI ANJANADHRI NIVASA 6TH CROSS SUBASH  
NAGAR 2ND STAGE  
NELAMANGALA  
BANGALORE RURAL DISTRICT  
KARNATAKA  
562123  
PH. NO :9108593595



Score	Type 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

**HARSHITH N G**

for successfully completing the course

**Strength of Materials**

with a consolidated score of **56** %

Online Assignments	20.53/25	Proctored Exam	35.25/75
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Total number of candidates certified in this course: **416**

*A. Goswami*

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CE18S61141464

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

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



Roll No: NPTEL19CE18S61141468

To  
QIRANUL SAADIYEAN  
CAUVERY HOSTEL, ROOM NO :A-315  
RV COLLEGE OF ENGINEERING ,RV  
VIDEYANIKETAN POST  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560059  
PH. NO :8296523947



Score	Type 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  
**QIRANUL SAADIYEAN**  
for successfully completing the course  
**Strength of Materials**

with a consolidated score of **55** %

Online Assignments	22.03/25	Proctored Exam	33/75
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Total number of candidates certified in this course: **416**

*A. Goswami*

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CE18S61141468

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

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



Roll No: NPTEL19CE18S61142617

To  
B SUJITH REDDY  
FLAT NO 305,S.V.PARADISE,DHARMA  
PET,KURNOOL,ANDHRA PRADESH  
KURNOOL  
ANDHRA PRADESH  
518004  
PH. NO :9100690722



Score	Type 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  
**B SUJITH REDDY**  
for successfully completing the course  
**Strength of Materials**

with a consolidated score of **84** %

Online Assignments	23.59/25	Proctored Exam	60/75
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Total number of candidates certified in this course: 416

A. Goswami

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CE18S61142617

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



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



Roll No: NPTEL19CE18S61142623

To  
GIRIDHAR RAMJI  
#1539, A.E.C.S LAYOUT, E BLOCK, 1ST  
MAIN, 1ST CROSS, KUNDANAHALLI,  
BANGALORE-37  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560037  
PH. NO :9538105475



Score	Type 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  
**GIRIDHAR RAMJI**  
for successfully completing the course  
**Strength of Materials**

with a consolidated score of **46** %

Online Assignments	14.00/25	Proctored Exam	31.5/75
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Total number of candidates certified in this course: **416**

*A. Goswami*

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CE18S61142623

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

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



Roll No: NPTEL19CE18S51140018

To

ROHAN SINGH  
ROOM NUMBER 331, NEW CAUVERY HOSTEL, RV  
COLLEGE OF ENGINEERING  
MYSURU ROAD  
BANGALORE RURAL DISTRICT  
KARNATAKA  
560059  
PH. NO : 9380461970



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

No. of credits recommended by NPTEL:3

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to  
**ROHAN SINGH**  
for successfully completing the course  
**Strength of Materials**

with a consolidated score of **81** %

Online Assignments	23.00/25	Proctored Exam	57.75/75
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Total number of candidates certified in this course: 416

A. Goswami

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CE18S51140018

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

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



Roll No: NPTEL19CE18S61140934

To

PRANIT PRASOON  
C 318, NEW CAUVERY HOSTEL, RV COLLEGE OF  
ENGINEERING, RV VIDYA NIKETAN, MYSORE  
ROAD.  
BENGALURU  
BANGALORE RURAL DISTRICT  
KARNATAKA  
560059  
PH. NO : 9880354975



Score	Type 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  
**PRANIT PRASOON**  
for successfully completing the course  
**Strength of Materials**

with a consolidated score of **64** %

Online Assignments	19.38/25	Proctored Exam	44.25/75
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Total number of candidates certified in this course: 416

A. Goswami

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CE18S61140934

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



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



Roll No: NPTEL19CE18S61140936

To  
SARTHAK  
FLAT NO 104, RISHAV APPARTMENT,  
ASHIANA DIGHA ROAD,  
NEAR RED CHILLI RESTURANT  
PATNA  
BIHAR  
800025  
PH. NO :7782851779



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

No. of credits recommended by NPTEL:3

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



# NPTEL Online Certification

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



This certificate is awarded to

**SARTHAK**

for successfully completing the course

**Strength of Materials**

with a consolidated score of **56** %

Online Assignments	22.56/25	Proctored Exam	33/75
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Total number of candidates certified in this course: **416**

*A. Goswami*

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CE18S61140936

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

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



Roll No: NPTEL19CE18S61142629

To  
NARAYAN RALHAN  
D-930, KRIBHCO NAGAR  
HAZIRA ROAD  
SURAT  
GUJARAT  
394515  
PH. NO :9380763721



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

No. of credits recommended by NPTEL:3

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to  
**NARAYAN RALHAN**  
for successfully completing the course  
**Strength of Materials**

with a consolidated score of **62** %

Online Assignments	21.75/25	Proctored Exam	39.75/75
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Total number of candidates certified in this course: **416**

A. Goswami

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CE18S61142629

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

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



Roll No: NPTEL19CE18S61142633

To  
HARSH MIMANI  
BEHIND GREEN PARK  
JORETHANG  
SOUTH SIKKIM  
SIKKIM  
737121  
PH. NO :8967988777



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

No. of credits recommended by NPTEL:3

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



# NPTEL Online Certification

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



This certificate is awarded to  
**HARSH MIMANI**  
for successfully completing the course  
**Strength of Materials**

with a consolidated score of **53** %

Online Assignments	21.75/25	Proctored Exam	31.5/75
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Total number of candidates certified in this course: 416

Jul-Oct 2019  
(12 week course)

A. Goswami

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CE18S61142633

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



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



Roll No: NPTEL19CE22S41141551

To  
VENKAT KUMAR P  
R V COLLEGE OF ENGINEERING  
R.V.VIDYANIKETAN POST, MYSORE ROAD, M.V  
HOSTEL  
BENGALURU  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560059  
PH. NO :9902164626



Score	Type 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

**VENKAT KUMAR P**

for successfully completing the course

## Design of Reinforced Concrete Structures

with a consolidated score of **79** %

Online Assignments	24.69/25	Proctored Exam	54/75
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Total number of candidates certified in this course: 983

A. Goswami

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CE22S41141551

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

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



Roll No: NPTEL19CE22S31141128

To

PRAVEEN KUMAR K  
FLAT NO 302,3RD FLOOR, PREMIER  
RESIDENCY, 1ST MAIN,BEML LAYOUT 3RD  
STAGE,  
RAJARAJESHWARINAGAR  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560098  
PH. NO :9008252329



Score	Type 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

**PRAVEEN KUMAR K**

for successfully completing the course

## Design of Reinforced Concrete Structures

with a consolidated score of **87** %

Online Assignments	22.81/25	Proctored Exam	64.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 983

A. Goswami

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CE22S31141128

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

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



Roll No: NPTEL19CE22S41140995

To  
RAVIKIRAN S WALI  
48/11, 19 MAIN, M C LAYOUT  
VIJAYANAGAR  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560040  
PH. NO :9008925882



Score	Type 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  
**RAVIKIRAN S WALI**  
for successfully completing the course

## Design of Reinforced Concrete Structures

with a consolidated score of **91** %

Online Assignments	21.56/25	Proctored Exam	69.75/75
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Total number of candidates certified in this course: 983

A. Goswami

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CE22S41140995

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



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



Roll No: NPTEL19CE25S61140481

To  
JHASHWANTH RAJ B H  
NO 7, M S RAMAIAH ROAD, SUBEDARPALYA  
YESHWANTHAPURA, BANGALORE  
BENGALURU URBAN  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560022  
PH. NO : 7892752672



Score	Type 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  
**JHASHWANTH RAJ B H**  
for successfully completing the course  
**Design of Steel Structures**

with a consolidated score of **60** %

Online Assignments	11.59/25	Proctored Exam	48.25/75
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Total number of candidates certified in this course: 322

A. Goswami

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CE25S61140481

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

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



Roll No: NPTEL19CE25S61142715

To  
PARIKSHITH PARTHASARATHY KALASE GOWDA  
#348, 15TH MAIN, 1ST BLOCK, 3RD STAGE  
BASAVESHWARANAGAR  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560079  
PH. NO :9513347247



Score	Type 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  
**PARIKSHITH PARTHASARATHY KALASE GOWDA**

for successfully completing the course

## Design of Steel Structures

with a consolidated score of **70** %

Online Assignments	24.53/25	Proctored Exam	45.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 322

A. Goswami

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CE25S61142715

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

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



Roll No: NPTEL19CE25S61142725

To  
GURUNATH KARIYAPPA PUJAR  
C/O K S PUJAR, VIKRAM BUILDING, VIKAS  
NAGAR, KOPPAL.  
KOPPAL  
KARNATAKA  
583231  
PH. NO :8970280072



Score	Type 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  
**GURUNATH KARIYAPPA PUJAR**  
for successfully completing the course  
**Design of Steel Structures**

with a consolidated score of **53** %

Online Assignments	19.34/25	Proctored Exam	33.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 322

A. Goswami

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CE25S61142725

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



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



Roll No: NPTEL19CE25S61142727

To  
MRITYUNJAY  
MATRU KRUPA 7TH CROSS KALYAN NAGAR  
DHARWAD  
DHARWAD  
KARNATAKA  
580007  
PH. NO :9620698696



Score	Type 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

**MRITYUNJAY**

for successfully completing the course

## Design of Steel Structures

with a consolidated score of **66** %

Online Assignments	21.19/25	Proctored Exam	45/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 322

A. Goswami

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CE25S61142727

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

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



Roll No: NPTEL19CE25S61142729

To

B CHETAN RAJ MEDA  
H.NO-1-11-52/12/1, MARUTI NAGAR NEAR  
VIDYA BHARATHI SCHOOL  
RAICHUR  
KARNATAKA  
584101  
PH. NO :8618016952



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

No. of credits recommended by NPTEL:3

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



# NPTEL Online Certification

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



This certificate is awarded to  
**B CHETAN RAJ MEDA**  
for successfully completing the course  
**Design of Steel Structures**

with a consolidated score of **55** %

Online Assignments	21.19/25	Proctored Exam	33.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 322

A. Goswami

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CE25S61142729

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

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



Roll No: NPTEL19CE26S51140169

To  
VENKAT KUMAR P  
R V COLLEGE OF ENGINEERING  
R.V.VIDYANIKETAN POST, MYSORE ROAD, M.V  
HOSTEL  
BENGALURU  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560059  
PH. NO :9902164626



Score	Type 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  
**VENKAT KUMAR P**  
for successfully completing the course  
**Structural Analysis-I**

with a consolidated score of **65** %

Online Assignments	18.63/25	Proctored Exam	46.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 117

A. Goswami

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CE26S51140169

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



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



Roll No: NPTEL19CE30S11121134

To

YASHAS V  
#563 BANAKSHANKARI 6TH STAGE 11TH BLOCK  
NEAR JSS SCHOOL  
BENGALURU  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560060  
PH. NO :9743514454



Score	Type 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

**YASHAS V**

for successfully completing the course

**Project Planning & Control**

with a consolidated score of **90** %

Online Assignments	23.83/25	Proctored Exam	65.82/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **403**

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

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL19CE30S11121134

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

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



Roll No: NPTEL19CE38S31141716

To  
UJWAL MIRJI  
E-1102, K H B PLATINUM APARTMENTS, NEAR  
SHIRKE CIRCLE, KENGERI SATELLITE TOWN  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560060  
PH. NO :9481562586



Score	Type 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)



10-12-2017



This certificate is awarded to

**UJWAL MIRJI**

for successfully completing the course

## Remote Sensing and Digital Image Processing of Satellite Data

with a consolidated score of **77** %

Online Assignments	22.50/25	Proctored Exam	54/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **323**

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

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

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



Indian Institute of Technology Roorkee



Roll No: NPTEL19CE38S31141716

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

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



Roll No: NPTEL19CE38S31141333

To  
VIKAS S  
VIKAS S  
KURUBARAHALLI  
DABBEGHATTA POST  
MADHUGIRI TALUK  
TUMKUR  
KARNATAKA  
572112  
PH. NO :8197000746



Score	Type 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)



VIKAS S  
01.12.2017

This certificate is awarded to

**VIKAS S**

for successfully completing the course

## Remote Sensing and Digital Image Processing of Satellite Data

with a consolidated score of **66** %

Online Assignments	23.75/25	Proctored Exam	42/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **323**

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

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

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



Indian Institute of Technology Roorkee



Roll No: NPTEL19CE38S31141333

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



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



Roll No: NPTEL19CH20S61140423

To  
ADITYA JITENDRA JANGAM  
NEW CAUVERY HOSTEL ,R.V COLLEGE OF  
ENGINEERING, MYSORE ROAD  
Kengeri, BENGALURU,  
BENGALURU  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560059  
PH. NO :9986399705



Score	Type 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

**ADITYA JITENDRA JANGAM**

for successfully completing the course

**Chemical Reaction Engineering-I**

with a consolidated score of **69** %

Online Assignments	21.53/25	Proctored Exam	47.42/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **93**

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Guwahati



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



Roll No: NPTEL19CH20S61140429

To

SAHANA ANANTH GANGOLLI  
#11, 11TH CROSS, PAPREDDYPALYA, NAGARBHAVI  
2ND STAGE  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560072  
PH. NO : 9741978441



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

No. of credits recommended by NPTEL:3

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to

**SAHANA ANANTH GANGOLLI**

for successfully completing the course

**Chemical Reaction Engineering-I**

with a consolidated score of **68** %

Online Assignments	19.94/25	Proctored Exam	48.28/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **93**

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Guwahati



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



Roll No: NPTEL19CH20S61141558

To  
NEETHA R HEGDE  
OM NILAYA, KANNURAHALLI ROAD, MV  
EXTENSION  
HOSAKOTE  
BANGALORE RURAL DISTRICT  
KARNATAKA  
562114  
PH. NO :9008581540



Score	Type 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

**NEETHA R HEGDE**

for successfully completing the course

## Chemical Reaction Engineering-I

with a consolidated score of **69** %

Online Assignments	19.47/25	Proctored Exam	49.14/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **93**

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Guwahati





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



Roll No: NPTEL19CH20S61140427

To  
RUTUJA AJJANNAVAR  
883 SHASTRI CHOWK  
SADALGA  
BELGAUM  
KARNATAKA  
591239  
PH. NO :7411752789



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

No. of credits recommended by NPTEL:3

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



# NPTEL Online Certification

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



This certificate is awarded to

**RUTUJA AJJANNAVAR**

for successfully completing the course

## Chemical Reaction Engineering-I

with a consolidated score of **55** %

Online Assignments	15.81/25	Proctored Exam	39.65/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **93**

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Guwahati



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



Roll No: NPTEL19CH20S61140425

To  
SUSHANTH M  
ROOM NUMBER B-103  
NEW CAUVERY HOSTEL,  
RV COLLEGE OF ENGINEERING  
BANGALORE  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560059  
PH. NO :9113662349



Score	Type 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

**SUSHANTH M**

for successfully completing the course

## Chemical Reaction Engineering-I

with a consolidated score of **48** %

Online Assignments	15.22/25	Proctored Exam	32.76/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **93**

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Guwahati



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



Roll No: NPTEL19CH20S61142830

To  
MADHUSHREE R  
NO 3,  
4TH MAIN,  
MANASA LAYOUT  
KENGARI UPANAGARA  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560060  
PH. NO :9113804828



Score	Type 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

**MADHUSHREE R**

for successfully completing the course

## Chemical Reaction Engineering-I

with a consolidated score of **64** %

Online Assignments	19.06/25	Proctored Exam	44.83/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 93

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Guwahati





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



Roll No: NPTEL19CH26S11121192

To  
AKANKSHA SHETTY  
545, KUVEMPU ROAD,  
NEAR BBMP SAMUDHAYA BHAVANA, BHEL  
LAYOUT, PATTANGERE, RR NAGAR  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560098  
PH. NO : 9343569069



Score	Type 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  
**AKANKSHA SHETTY**  
for successfully completing the course

## Technologies for Clean and Renewable Energy Production

with a consolidated score of **72** %

Online Assignments	25.00/25	Proctored Exam	46.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **461**

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

Jul-Sep 2019  
(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: NPTEL19CS40S11120607

To  
SHREENIDHI  
DESHPANDE GALLI ,BHALKI  
BHALKI  
BIDAR  
KARNATAKA  
585328  
PH. NO :9480511703



Score	Type 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

**SHREENIDHI**

for successfully completing the course

## Programming, Data Structures and Algorithms Using Python

with a consolidated score of **73** %

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

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

*Devendra Jalihal*

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

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

*Prof. Andrew Thangaraj*

**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: NPTEL19CS40S11120681

To  
SRINIVAS PRABHU B  
#38, 201, INDUS HOMES, 1ST MAIN,  
VINAYAKA LAYOUT, 3RD STAGE, VIJAYANAGAR  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560040  
PH. NO : 7019101206



Score	Type 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

**SRINIVAS PRABHU B**  
for successfully completing the course



## Programming, Data Structures and Algorithms Using Python

with a consolidated score of **81** %

Online Assignments	22.88/25	Programming Exam	24.25/25	Proctored Exam	33.75/50
--------------------	----------	------------------	----------	----------------	----------

Total number of candidates certified in this course: 2779

*Devendra Jalihal*

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

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

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL19CS40S11120681

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



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



Roll No: NPTEL19CS40S11120703

To  
DEEKSHITH NAYAK  
RSB BHAVAN MACHOHALLI FOREST GATE  
KAMATH LAYOUT  
BANGALORE RURAL DISTRICT  
KARNATAKA  
560091  
PH. NO :8105737344



Score	Type 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

**DEEKSHITH NAYAK**  
for successfully completing the course

## Programming, Data Structures and Algorithms Using Python

with a consolidated score of **66** %

Online Assignments	20/25	Programming Exam	25/25	Proctored Exam	21.25/50
--------------------	-------	------------------	-------	----------------	----------

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

*Devendra Jalihal*

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

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

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL19CS40S11120703

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

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



Roll No: NPTEL19CS40S11120707

To  
ABHISHEK RAMAN  
118 5TH CROSS KASTURINAGAR  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560043  
PH. NO :7620789177



Score	Type 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

**ABHISHEK RAMAN**  
for successfully completing the course



## Programming, Data Structures and Algorithms Using Python

with a consolidated score of **76** %

Online Assignments	22.88/25	Programming Exam	18/25	Proctored Exam	35/50
--------------------	----------	------------------	-------	----------------	-------

Total number of candidates certified in this course: 2779

*Devendra Jalihal*

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

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

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL19CS40S11120707

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

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



Roll No: NPTEL19CS40S21120473

To

SHIWAM BIRAJDAR  
401 SIDDHIVINAYAK RESIDENCY, 85 RAILWAY  
LINES, OLD RTO CHOWK  
SOLAPUR  
MAHARASHTRA  
413001  
PH. NO :9823766522



Score	Type 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

**SHIWAM BIRAJDAR**  
for successfully completing the course

## Programming, Data Structures and Algorithms Using Python

with a consolidated score of **74** %

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

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

*Devendra Jalihal*

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

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

*Prof. Andrew Thangaraj*

**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: NPTEL19CS41S61141027

To  
GOLLAMUDI SAI SRIKAR  
T-05, SILVERWAVES ELEGANCE, BEHIND  
SHRUNGERI SHARADA MATT, KENGERI SATELLITE  
TOWN  
BENGALURU  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560060  
PH. NO :8977480085



Score	Type 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

**GOLLAMUDI SAI SRIKAR**

for successfully completing the course

## The Joy of Computing Using Python

with a consolidated score of **87** %

Online Assignments	24.5/25	Programming Exam	25/25	Proctored Exam	37/50
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Total number of candidates certified in this course: **8505**

*Devendra Jalihal*

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

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

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL19CS41S61141027

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

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



Roll No: NPTEL19CS49S61140393

To  
NITYAM AGARWAL  
NEW CAUVERY HOSTEL, C-316, R.V. COLLEGE OF  
ENGINEERING, BANGALORE  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560059  
PH. NO : 9830275784



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

No. of credits recommended by NPTEL:3

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to  
**NITYAM AGARWAL**  
for successfully completing the course  
**Discrete Mathematics**

with a consolidated score of **67** %

Online Assignments	18.88/25	Proctored Exam	48/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **64**

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Guwahati



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



Roll No: NPTEL19CS50S11120733

To  
L VENKATA CHAITANYA REDDY  
#25, 3RD CROSS, 11TH MAIN, MILK MUNIYAPPA  
ROAD, KALANAGAR, K.G. HALLI, JALAHALLI WEST  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560015  
PH. NO : 7760092897



Score	Type 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

**L VENKATA CHAITANYA REDDY**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **51** %

Online Assignments	20.83/25	Proctored Exam	30.62/75
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*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

**Jul-Sep 2019**  
(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: NPTEL19CS50S11120739

To  
NIDHI K  
RV COLLEGE OF ENGINEERING  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560059  
PH. NO :6361908690



Score	Type 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

**NIDHI K**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **53** %

Online Assignments	20.50/25	Proctored Exam	32.15/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

**Jul-Sep 2019**  
**(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: NPTEL19CS50S11120741

To  
ABHAY M S  
137 BHEL LAYOUT NORTH PATTANAGERE RR  
NAGAR  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560098  
PH. NO :7022761410



Score	Type 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

**ABHAY M S**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **63** %

Online Assignments	21.29/25	Proctored Exam	41.33/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

**Jul-Sep 2019**  
**(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: NPTEL19CS50S11120743

To

AKHIL DUA  
#20, 2ND FLOOR, ANIPPURA MAIN ROAD  
SUDHAMNAGAR  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560027  
PH. NO :8197784197



Score	Type 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

**AKHIL DUA**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **67** %

Online Assignments	21.33/25	Proctored Exam	45.92/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 506

Jul-Sep 2019  
(8 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS50S11120743

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



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



Roll No: NPTEL19CS50S11120745

To  
KRITHI D SHETTY  
RV COLLEGE OF ENGINEERING  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560059  
PH. NO :7022783201



Score	Type 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

**KRITHI D SHETTY**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **66** %

Online Assignments	20.50/25	Proctored Exam	45.92/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

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

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL19CS50S11120745

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

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



Roll No: NPTEL19CS50S11120749

To

YATIN SATIJA  
92/9, NEAR SHIV MANDIR, SHIVPURI GURGAON  
HARYANA  
GURGAON  
HARYANA  
122001  
PH. NO :9999080884



Score	Type 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

**YATIN SATIJA**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **61** %

Online Assignments	21.33/25	Proctored Exam	39.8/75
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*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

**Jul-Sep 2019**  
**(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: NPTEL19AE05S61141551

To

KARAN H BALIGA  
NO. 1267, GANRAJ, BTM LAYOUT, 15TH MAIN,  
2ND STAGE, 1ST PHASE  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560076  
PH. NO : 9845011631



Score	Type 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

**KARAN H BALIGA**

for successfully completing the course

## Introduction to Aerospace Engineering - Flight

with a consolidated score of **72** %

Online Assignments	14.88/25	Proctored Exam	57/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **156**

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Bombay



Roll No: NPTEL19AE05S61141551

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



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



Roll No: NPTEL19CS50S11120753

To

MONISH S  
#2, FLAT NO F1, SUNDARAM ENCLAVE, 4TH  
CROSS, ABBAH REDDY LAYOUT, KAGGADASAPURA  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560093  
PH. NO : 7349448656



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

No. of credits recommended by NPTEL: 2

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to

**MONISH S**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **68** %

Online Assignments	22.13/25	Proctored Exam	45.92/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 506

Jul-Sep 2019  
(8 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS50S11120753

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

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



Roll No: NPTEL19CS50S11120757

To

KRUTHI MN  
SRI VENKATESHWARA NILAYA, PRASHANTH  
NAGAR  
CHICKBALLAPUR  
CHIKBALLAPUR  
KARNATAKA  
562101  
PH. NO :9743358268



Score	Type 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

**KRUTHI MN**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **58** %

Online Assignments	20.13/25	Proctored Exam	38.27/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

**Jul-Sep 2019**  
(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: NPTEL19CS50S11120759

To  
GIRIDHAR K SHANBHAG  
WARD B, H. NO. 205/13, "GIRIDHAM",  
BAGGON  
KUMTA  
UTTARA KANNADA  
KARNATAKA  
581332  
PH. NO :7411858583



Score	Type 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

**GIRIDHAR K SHANBHAG**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **62** %

Online Assignments	20.50/25	Proctored Exam	41.33/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

**Jul-Sep 2019**  
(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: NPTEL19CS50S11120763

To

HARISH A JARTARGHAR  
#187/D/02 GOLDEN PARK MANOJ ESTATE NEAR  
TULASIVIHAR APARTMENT, BEHIND K.E.B GRID  
HUBLI  
DHARWAD  
KARNATAKA  
580023  
PH. NO :8762448499



Score	Type 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

**HARISH A JARTARGHAR**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **56** %

Online Assignments	21.25/25	Proctored Exam	35.21/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

**Jul-Sep 2019**  
(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: NPTEL19CS50S11120773

To  
MANAS MAYANK  
FLAT NO.12, GURUKRIPA ISHWAR APT,  
RAJENDRA VIHAR, NEWADA  
SUNDERPUR  
VARANASI  
UTTAR PRADESH  
221005  
PH. NO :7007048537



Score	Type 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

**MANAS MAYANK**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **51** %

Online Assignments	21.25/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

**Jul-Sep 2019**  
**(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: NPTEL19CS50S11120775

To  
BHARGAVI H S  
HIRANYA LADIES HOSTEL, PATTANGERE MAIN  
ROAD, MYSORE ROAD  
BENGALURU  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560059  
PH. NO :6360322811



Score	Type 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

**BHARGAVI H S**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **63** %

Online Assignments	20.08/25	Proctored Exam	42.86/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 506

Jul-Sep 2019  
(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: NPTEL19CS50S11120779

To  
ABHAY JOGENIPALLI  
12-517  
CHAITANYA CHILDRENS HOSPITAL  
MANCHERIAL  
ADILABAD  
TELANGANA  
504208  
PH. NO :9676506757



Score	Type 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  
**ABHAY JOGENIPALLI**  
for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **53** %

Online Assignments	20.50/25	Proctored Exam	32.15/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

**Jul-Sep 2019**  
(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: NPTEL19CS50S11120781

To

ANANYA B S  
#206 A 2ND MAIN 4TH CROSS MATHURANAGARA  
METAGALLI MYSORE  
METAGALLI  
MYSORE  
KARNATAKA  
570016  
PH. NO :9380585696



Score	Type 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

**ANANYA B S**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **55** %

Online Assignments	19.67/25	Proctored Exam	35.21/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

**Jul-Sep 2019**  
**(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: NPTEL19CS50S11120783

To

SUJAY HEBBAR  
526, 10TH MAIN, 3RD CROSS, BHCS LAYOUT  
UTTARAHALLI  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560061  
PH. NO : 8762563905



Score	Type 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

**SUJAY HEBBAR**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **64** %

Online Assignments	21.33/25	Proctored Exam	42.86/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

**Jul-Sep 2019**  
**(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: NPTEL19CS50S11120787

To  
VENNAPUSA VENKATA JASWANTH KUMAR REDDY  
FLAT NO.211,SRI KALESWARI  
RESIDENCY,MYDUKUR ROAD  
PRODDATUR  
KADAPA  
ANDHRA PRADESH  
516362  
PH. NO :9381932610



Score	Type 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

**VENNAPUSA VENKATA JASWANTH KUMAR REDDY**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **73** %

Online Assignments	19.58/25	Proctored Exam	53.57/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

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

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL19CS50S11120787

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

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



Roll No: NPTEL19CS50S11120789

To

RAJATH S VASISTH  
#415 3RD MAIN 9TH CROSS CHENNAMANAKERE  
ACHUKATTU  
BSK 3RD STAGE  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560085  
PH. NO :8105339674



Score	Type 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

**RAJATH S VASISTH**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **58** %

Online Assignments	21.71/25	Proctored Exam	36.74/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

**Jul-Sep 2019**  
**(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: NPTEL19CS50S11120795

To  
SHIVANI C H  
3575/35 A, BESIDE PARK, BALAJI NAGAR,  
KUNDUWADA ROAD  
DAVANGERE  
DAVANAGERE  
KARNATAKA  
577006  
PH. NO :9900821211



Score	Type 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

**SHIVANI C H**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **69** %

Online Assignments	20.42/25	Proctored Exam	48.98/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

**Jul-Sep 2019**  
**(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: NPTEL19CS50S11120797

To  
MANJUNATH S NAYAK  
#419, BLOCK 5, SKYLINE CITY APARTMENTS,  
CHANDRA LAYOUT, VIJAYANAGAR  
BENGALURU  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560072  
PH. NO :8050246991



Score	Type 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  
**MANJUNATH S NAYAK**  
for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **66** %

Online Assignments	21.67/25	Proctored Exam	44.39/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 506

Jul-Sep 2019  
(8 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS50S11120797

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

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



Roll No: NPTEL19CS50S11120799

To  
LIKHITH S REDDY  
B-208 ,PURVI MITHILA APARTMENT  
KUNDANAHALLI GATE,MARATHAHALLI  
,BENGALURU  
MARATHAHALLI  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560037  
PH. NO :8310698913



Score	Type 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

**LIKHITH S REDDY**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **64** %

Online Assignments	21.33/25	Proctored Exam	42.86/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 506

Jul-Sep 2019  
(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: NPTEL19CS50S11120801

To

KARUNATHARAKA B  
RVCE GIRLS HOSTEL, VENKATADHRI  
NILAYA, #62 UTTARAHALLI-KENGERIMAIN  
ROAD, KENGERI  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA

560060

PH. NO : 7760363887



Score	Type 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

**KARUNATHARAKA B**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **63** %

Online Assignments	20.50/25	Proctored Exam	42.86/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

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

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL19CS50S11120801

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



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



Roll No: NPTEL19CS50S11120803

To  
RAMA SURENDRA  
FLAT NOM304, NEHRUNAGAR 5TH  
LANE, BOMMARILLU APT, GUNTUR, AP  
GUNTUR  
ANDHRA PRADESH  
522021  
PH. NO :6303174580



Score	Type 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  
**RAMA SURENDRA**  
for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **54** %

Online Assignments	19.25/25	Proctored Exam	35.21/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

**Jul-Sep 2019**  
**(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: NPTEL19CS50S11120807

To  
SOUMYA SAXENA  
405, VENKATADRI NILAYA, RVCE GIRLS  
HOSTEL, UTTARAHALLI MAIN ROAD  
BENGALURU  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560060  
PH. NO: 6265501978



Score	Type 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

**SOUMYA SAXENA**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **60** %

Online Assignments	20.50/25	Proctored Exam	39.8/75
--------------------	----------	----------------	---------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

**Jul-Sep 2019**  
**(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: NPTEL19CS50S11120809

To  
DAVE SHIVANGI DEVENDRA  
VILLA NO.C-36,STERLING VILLA GRANDE  
SEEGEHALLI  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560067  
PH. NO :9739133374



Score	Type 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

**DAVE SHIVANGI DEVENDRA**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **51** %

Online Assignments	20.00/25	Proctored Exam	30.62/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

**Jul-Sep 2019**  
(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: NPTEL19CS50S11120811

To  
THEJAS BU  
17, 5TH CROSS, 1ST MAIN  
HOSAHALLI, VIJAYNAGAR  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560040  
PH. NO : 9141177944



Score	Type 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

**THEJAS BU**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **57** %

Online Assignments	21.71/25	Proctored Exam	35.21/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

**Jul-Sep 2019**  
(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: NPTEL19CS50S11120813

To  
MANOJ KARTIK R  
1340/1, 2ND CROSS  
MANJUNATHA LAYOUT  
RT NAGAR POST  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560032  
PH. NO :8618693262



Score	Type 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

**MANOJ KARTIK R**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **67** %

Online Assignments	20.96/25	Proctored Exam	45.92/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

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

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL19CS50S11120813

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

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



Roll No: NPTEL19CS50S11120815

To  
SOUNDARYA S V  
RV COLLEGE OF ENGINEERING  
MYSORE RD, RV VIDYANIKETAN, POST,  
BENGALURU, KARNATAKA  
BENGALURU  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560059  
PH. NO :6361924976



Score	Type 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

**SOUNDARYA S V**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **55** %

Online Assignments	20.13/25	Proctored Exam	35.21/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

**Jul-Sep 2019**  
**(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: NPTEL19CS50S11120817

To  
DHRITHI HARISH  
#19, "SPOORTHY", 6TH MAIN, B BLOCK  
J P NAGAR  
MYSORE  
KARNATAKA  
570008  
PH. NO :9945079007



Score	Type 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

**DHRITHI HARISH**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **56** %

Online Assignments	20.50/25	Proctored Exam	35.21/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

**Jul-Sep 2019**  
(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: NPTEL19CS50S11120819

To  
DINESH BABU S  
111, NARAYANA PILLAI STREET,  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560001  
PH. NO :8123461381



Score	Type 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

**DINESH BABU S**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **57** %

Online Assignments	20.54/25	Proctored Exam	36.74/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

**Jul-Sep 2019**  
**(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: NPTEL19CS50S11120821

To  
SHAIK ABRAR UL HAQ  
54/84-1, KAGITHALA PENTA, RAVINDRA NAGAR  
KADAPA  
ANDHRA PRADESH  
516003  
PH. NO :9381617255



Score	Type 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  
**SHAIK ABRAR UL HAQ**  
for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **63** %

Online Assignments	20.54/25	Proctored Exam	42.86/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

**Jul-Sep 2019**  
**(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: NPTEL19CS50S11120823

To

SHLOKA DOREPALLY  
326, SOBHA ZIRCON, JAKKUR PLANTATIONS,  
YELAHANKA  
BENGALURU  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560064  
PH. NO :9611718464



Score	Type 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  
**SHLOKA DOREPALLY**  
for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **63** %

Online Assignments	20.54/25	Proctored Exam	42.86/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 506

Jul-Sep 2019  
(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: NPTEL19CS50S11120825

To

MRIDUL MOHTA  
B-204, GOLDEN MAHAK ENCLAVE, D-12,  
MEERA MARG, BANIPARK  
JAIPUR  
RAJASTHAN  
302016  
PH. NO :7790833943



Score	Type 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

**MRIDUL MOHTA**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **61** %

Online Assignments	21.25/25	Proctored Exam	39.8/75
--------------------	----------	----------------	---------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

**Jul-Sep 2019**  
**(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: NPTEL19CS50S11120829

To  
PRIYANKA M B  
MANJUNATHA NILAYA, ANJANI EXTENSION  
WEST, CHINTAMANI, CHIKKABALLAPUR DIST  
CHINTAMANI  
CHIKBALLAPUR  
KARNATAKA  
563125  
PH. NO : 9380302709



Score	Type 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

**PRIYANKA M B**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **52** %

Online Assignments	19.71/25	Proctored Exam	32.15/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

**Jul-Sep 2019**  
(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: NPTEL19CS50S11120831

To

M KRISHNA SAKETH  
11/242,DRC COMPLEX,MADANAPALLE, CHITTOOR  
DIST. ,AP  
MADANAPALLI  
CHITTOOR  
ANDHRA PRADESH  
517325  
PH. NO :8106419159



Score	Type 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

**M KRISHNA SAKETH**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **52** %

Online Assignments	20.13/25	Proctored Exam	32.15/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

**Jul-Sep 2019**  
(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: NPTEL19CS50S11120833

To

PAVAN K R  
#298, 8TH MAIN, EESHAVASYAM  
OPPOSITE TO CHANNAMMANAKERE ACHUKATTU  
POLICE STATION  
BENGALURU  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560085  
PH. NO :8310233896



Score	Type 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

**PAVAN K R**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **65** %

Online Assignments	20.50/25	Proctored Exam	44.39/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

**Jul-Sep 2019**  
**(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: NPTEL19CS50S11120837

To

VARSHA R JENNI

#497, 13TH A CROSS, 28TH MAIN, J.P NAGAR

BANGALORE

BANGALORE URBAN DISTRICT

KARNATAKA

560078

PH. NO :7348818625



Score	Type 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

**VARSHA R JENNI**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **73** %

Online Assignments	22.08/25	Proctored Exam	50.51/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

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

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL19CS50S11120837

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



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



Roll No: NPTEL19CS50S21120767

To  
SHREENIDHI  
DESHPANDE GALLI ,BHALKI  
BHALKI  
BIDAR  
KARNATAKA  
585328  
PH. NO :9480511703



Score	Type 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

**SHREENIDHI**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **56** %

Online Assignments	19.17/25	Proctored Exam	36.74/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

**Jul-Sep 2019**  
**(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: NPTEL19CS50S21120769

To  
REVATHI S A  
333, 10TH CROSS, MPM LAYOUT,  
MALATHAHALLI,  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560056  
PH. NO :9740817897



Score	Type 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

**REVATHI S A**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **44** %

Online Assignments	14.00/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

**Jul-Sep 2019**  
**(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: NPTEL19CS50S21120771

To  
SUMITH KUMAR S  
TYPE-2, FLAT NO -7, G S I QUATRES,  
PANDESHWARA, MANGALORE-575001  
MANGALORE  
DAKSHINA KANNADA  
KARNATAKA  
575001  
PH. NO :6362939902



Score	Type 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)



SUMITH KUMAR S  
18-12-2017

This certificate is awarded to

**SUMITH KUMAR S**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **68** %

Online Assignments	20.54/25	Proctored Exam	47.45/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

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

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL19CS50S21120771

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



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



Roll No: NPTEL19CS50S21120773

To

AYUSH KUMAR  
FLAT NO-115,HILL VIEW GARDEN,A  
BLOCK,NEAR INDANE GAS AGENCY,DIMNA ROAD  
JAMSHEDPUR  
PURBA SINGHBHUM  
JHARKHAND  
831018  
PH. NO :6204927159



Score	Type 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

**AYUSH KUMAR**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **54** %

Online Assignments	20.54/25	Proctored Exam	33.68/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

**Jul-Sep 2019**  
**(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: NPTEL19CS50S21120777

To  
SHREYASH GUPTA  
CAUVERY HOSTEL, RVCE  
MYSORE ROAD  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560059  
PH. NO :9140701395



Score	Type 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

**SHREYASH GUPTA**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **56** %

Online Assignments	19.71/25	Proctored Exam	36.74/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

**Jul-Sep 2019**  
**(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: NPTEL19CS50S21120781

To  
SRISHTI MOORTHY  
E-603, MANTRI ELEGANCE  
BANNERGHATTA ROAD, NS PALYA  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560076  
PH. NO : 7847986775



Score	Type 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  
**SRISHTI MOORTHY**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **73** %

Online Assignments	21.42/25	Proctored Exam	52.04/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

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

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL19CS50S21120781

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



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



Roll No: NPTEL19CS50S21120785

To

SHAILESH KUMAR SHARMA  
F-5, BHARATHI TOWERS, BALAJI ENCLAVE,  
DODDANEKUNDI  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560037  
PH. NO :9686195598



Score	Type 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

**SHAILESH KUMAR SHARMA**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **53** %

Online Assignments	19.17/25	Proctored Exam	33.68/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

**Jul-Sep 2019**  
**(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: NPTEL19CS50S21120787

To  
KUSHAGRA SIROTHIA  
ROOM NO 314,A-BLOCK,NEW CAUVERY  
HOSTEL,RV COLLEGE OF ENGINEERING,MYSORE  
ROAD  
BENGALURU  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560059  
PH. NO :9621664559



Score	Type 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  
**KUSHAGRA SIROTHIA**  
for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **56** %

Online Assignments	20.96/25	Proctored Exam	35.21/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

**Jul-Sep 2019**  
(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: NPTEL19CS50S21120789

To

AKSHAY KUMAR  
WARD NO. 17, KABIR NAGAR, KATHUA, JAMMU,  
J&K  
KATHUA  
JAMMU AND KASHMIR  
184101  
PH. NO :7006624590



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

No. of credits recommended by NPTEL:2

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



# NPTEL Online Certification

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



This certificate is awarded to

**AKSHAY KUMAR**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **51** %

Online Assignments	21.25/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

**Jul-Sep 2019**  
**(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: NPTEL19CS50S21120791

To  
**SREEDHAR S DHULKHED**  
11, MAYURI SOCIETY, RH-143, G-BLOCK,  
MIDC, SHAHUNAGAR, CHINCHWAD, PUNE- 411019  
CHINCHWAD  
PUNE  
MAHARASHTRA  
411019  
PH. NO : 9588462067



Score	Type 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  
**SREEDHAR S DHULKHED**  
for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **70** %

Online Assignments	20.83/25	Proctored Exam	48.98/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

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

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL19CS50S21120791

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

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



Roll No: NPTEL19CS50S21120793

To  
KSHITIJ AGARWAL  
C.P-16, FLAT NO.001, SHIVA PALACE,  
MUNSHIPULIA, INDIRA NAGAR  
LUCKNOW  
UTTAR PRADESH  
226016  
PH. NO :8687446565



Score	Type 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  
**KSHITIJ AGARWAL**  
for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **52** %

Online Assignments	21.25/25	Proctored Exam	30.62/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

**Jul-Sep 2019**  
**(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: NPTEL19CS50S21120795

To  
SHREESH MANSOTRA  
H NO. 349, PREM NAGAR, NEWPLOTS  
JAMMU  
JAMMU AND KASHMIR  
180005  
PH. NO :9682629809



Score	Type 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  
**SHREESH MANSOTRA**  
for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **56** %

Online Assignments	21.25/25	Proctored Exam	35.21/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

**Jul-Sep 2019**  
**(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: NPTEL19CS50S21120797

To  
SHAURYA GUPTA  
5/57A VIPUL KHAND  
GOMTINAGAR  
LUCKNOW  
UTTAR PRADESH  
226010  
PH. NO :7390875221



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

No. of credits recommended by NPTEL:2

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



# NPTEL Online Certification

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



This certificate is awarded to

**SHAURYA GUPTA**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **55** %

Online Assignments	19.71/25	Proctored Exam	35.21/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

**Jul-Sep 2019**  
**(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: NPTEL19CS50S21120801

To  
VINAYAK JOGE  
NEAR SBI BANK  
MUDBI  
BIDAR  
KARNATAKA  
585437  
PH. NO :7349177107



Score	Type 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

**VINAYAK JOGE**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **51** %

Online Assignments	20.13/25	Proctored Exam	30.62/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

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

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL19CS50S21120801

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

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



Roll No: NPTEL19CS50S21120803

To  
VISHAL M  
DOOR NO 418, WARD 1, CARSTREET  
KARKALA  
UDUPI  
KARNATAKA  
574104  
PH. NO :9845280221



Score	Type 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

**VISHAL M**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **68** %

Online Assignments	22.17/25	Proctored Exam	45.92/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

**Jul-Sep 2019**  
**(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: NPTEL19CS50S21120807

To  
MAHEK JAIN  
E 1702, BRIGADE GATEWAY  
MALLESHWARAM  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560055  
PH. NO : 7710032029



Score	Type 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

**MAHEK JAIN**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **51** %

Online Assignments	20.92/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

**Jul-Sep 2019**  
(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: NPTEL19CS50S21120809

To  
KAUSTUBH SHRIYANS  
A-35 ,A.N COLLEGE, PROFESSOR COLONY,NEW  
PUNAICHAK  
PATNA  
BIHAR  
800023  
PH. NO :9708280435



Score	Type 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  
**KAUSTUBH SHRIYANS**  
for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **52** %

Online Assignments	20.13/25	Proctored Exam	32.15/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

**Jul-Sep 2019**  
(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: NPTEL19CS50S21120813

To

KIRTI NANDAN  
C-325, NEW CAUVERY HOSTEL, R V COLLEGE  
OF ENGINEERING, MYSORE ROAD.  
BENGALURU  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560059  
PH. NO :9031843299



Score	Type 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

**KIRTI NANDAN**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **58** %

Online Assignments	21.33/25	Proctored Exam	36.74/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

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

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL19CS50S21120813

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



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



Roll No: NPTEL19CS50S21120815

To

AYUSH DWIVEDI  
C 324 ,NEW CAUVERY HOSTEL, RV COLLEGE OF  
ENGINEERING, MYSURU ROAD  
BENGALURU  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560059  
PH. NO :8168338321



Score	Type 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

**AYUSH DWIVEDI**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **55** %

Online Assignments	21.33/25	Proctored Exam	33.68/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

**Jul-Sep 2019**  
**(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: NPTEL19CS50S21120821

To  
MANIKANTH KATTI  
R V COLLEGE OF ENGINEERING  
RV VIDYANIKETAN, MYSURU ROAD  
BENGALURU  
BANGALORE RURAL DISTRICT  
KARNATAKA  
560059  
PH. NO: 6363054534



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

No. of credits recommended by NPTEL: 2

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



# NPTEL Online Certification

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



This certificate is awarded to  
**MANIKANTH KATTI**  
for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **54** %

Online Assignments	20.13/25	Proctored Exam	33.68/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

**Jul-Sep 2019**  
**(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: NPTEL19CS50S21120823

To

KUMARASKANDA B B  
187 CHAITHRA 75TH D CROSS 12TH B MAIN  
6TH BLOCK RAJAJINAGAR BEHIND AL-BEK  
BENGALURU  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560010  
PH. NO :9620876332



Score	Type 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

**KUMARASKANDA B B**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **66** %

Online Assignments	19.58/25	Proctored Exam	45.92/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

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

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL19CS50S21120823

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



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



Roll No: NPTEL19CS50S21120825

To  
HARISH S PUKALE  
VIVEK VIHAR 16/1  
GULBARGA  
KARNATAKA  
585292  
PH. NO :9380315832



Score	Type 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  
**HARISH S PUKALE**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **70** %

Online Assignments	20.54/25	Proctored Exam	48.98/75
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*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **506**

Jul-Sep 2019  
(8 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS50S21120825

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

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



Roll No: NPTEL19CS50S21120827

To  
VINAY R  
7 2ND MAIN RPC LAYOUT  
VIJAYNAGAR  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560040  
PH. NO :8861264688



Score	Type 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

**VINAY R**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **66** %

Online Assignments	21.71/25	Proctored Exam	44.39/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

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

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL19CS50S21120827

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

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



Roll No: NPTEL19CS50S21120831

To

ARUNIMA MAITRA  
504; DWITIYA TOWER 3 UTTARA HOUSING  
COMPLEX  
KOLKATA  
WEST BENGAL  
700135  
PH. NO :9382410206



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

No. of credits recommended by NPTEL:2

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to  
**ARUNIMA MAITRA**  
for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **69** %

Online Assignments	20.46/25	Proctored Exam	48.98/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 506

Jul-Sep 2019  
(8 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS50S21120831

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



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



Roll No: NPTEL19CS50S21120833

To

D RAHUL

S/O: D SAMBASIVARAJU, H.NO 943/C1, WARD

NO.6, 11 TH CROSS, VINAYAKA NAGAR, KAMPLI

KAMPLI

BELLARY

KARNATAKA

583132

PH. NO :8618081679



Score	Type 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

**D RAHUL**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **51** %

Online Assignments	20.54/25	Proctored Exam	30.62/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

**Jul-Sep 2019**  
(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: NPTEL19CS50S21120835

To  
D S SHARATH SHENOY  
DEVARAPAL  
KALASA  
CHIKMAGALUR  
KARNATAKA  
577124  
PH. NO :9620770396



Score	Type 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  
**D S SHARATH SHENOY**  
for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **57** %

Online Assignments	21.33/25	Proctored Exam	35.21/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

**Jul-Sep 2019**  
**(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: NPTEL19CS50S21120839

To  
H S GUNA SHEAKAR  
4TH A CROSS , VV EXTENSION,  
HOSKOTE  
BANGALORE  
BANGALORE RURAL DISTRICT  
KARNATAKA  
562114  
PH. NO :8951442426



Score	Type 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

**H S GUNA SHEAKAR**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **60** %

Online Assignments	19.71/25	Proctored Exam	39.8/75
--------------------	----------	----------------	---------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

**Jul-Sep 2019**  
**(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: NPTEL19CS50S21120841

To  
SHUBHAM KUMATOLE  
R V COLLEGE OF ENGINEERING ,  
COMPUTER SCIENCE BLOCK  
MYSORE ROAD,  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560059  
PH. NO :8147305123



Score	Type 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  
**SHUBHAM KUMATOLE**  
for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **54** %

Online Assignments	20.50/25	Proctored Exam	33.68/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

**Jul-Sep 2019**  
(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: NPTEL19CS50S21120843

To

SIDDHARTH CHAUHAN  
E-105, MBR SHANGRI LA, NEAR R.V COLLEGE  
, MYSORE ROAD  
HARSHA LAYOUT  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560059  
PH. NO :9521795117



Score	Type 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

**SIDDHARTH CHAUHAN**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **54** %

Online Assignments	20.54/25	Proctored Exam	33.68/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

**Jul-Sep 2019**  
(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: NPTEL19CS50S21120845

To  
TARUN VIJAYANAND BAGEWADI  
R V COLLEGE OF ENGINEERING  
MYSORE ROAD  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560059  
PH. NO :8971315695



Score	Type 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  
**TARUN VIJAYANAND BAGEWADI**  
for successfully completing the course  
**Introduction to Operating Systems**

with a consolidated score of **63** %

Online Assignments	19.67/25	Proctored Exam	42.86/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

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

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL19CS50S21120845

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



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



Roll No: NPTEL19CS50S21120849

To  
VIRENDRA NAIK  
H.NO 2815/R, DEVALIWADA, BAAD  
KARWAR  
UTTARA KANNADA  
KARNATAKA  
581304  
PH. NO :9980164975



Score	Type 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

**VIRENDRA NAIK**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **63** %

Online Assignments	20.42/25	Proctored Exam	42.86/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 506

Jul-Sep 2019  
(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: NPTEL19CS50S21120851

To  
H A VIBHAV SHARMA  
#217,4TH MAIN  
MSR NAGAR  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560054  
PH. NO :9380141825



Score	Type 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  
**H A VIBHAV SHARMA**  
for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **71** %

Online Assignments	20.88/25	Proctored Exam	50.51/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 506

Jul-Sep 2019  
(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: NPTEL19CS50S21120857

To  
SRIRAM NARAYANA CUMMARAGUNTA  
318 6A MAIN 2ND BLOCK HRBR LAYOUT  
BENGALURU  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560043  
PH. NO :6361993126



Score	Type 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  
**SRIRAM NARAYANA CUMMARAGUNTA**  
for successfully completing the course  
**Introduction to Operating Systems**

with a consolidated score of **62** %

Online Assignments	18.04/25	Proctored Exam	44.39/75
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*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

**Jul-Sep 2019**  
**(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: NPTEL19CS51S61142305

To

CHIRAG BAPAT  
G3, SILVER MANOR, 14 AMC MAIN ROAD, MM  
LAYOUT, RT NAGAR  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560032  
PH. NO :8088065605



Score	Type 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

**CHIRAG BAPAT**

for successfully completing the course

## Operating System Fundamentals

with a consolidated score of **67** %

Online Assignments	22.00/25	Proctored Exam	45/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 475

A. Goswami

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CS51S61142305

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

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



Roll No: NPTEL19CS59S31140263

To  
KAUSHIK.S  
434, 9TH A MAIN, HRBR LAYOUT, KALYAN  
NAGAR  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560043  
PH. NO :7795485489



Score	Type 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

**KAUSHIK.S**

for successfully completing the course

## Python for Data Science

with a consolidated score of **75** %

Online Assignments	23.25/25	Programming Exam	23.25/25	Proctored Exam	28/50
--------------------	----------	------------------	----------	----------------	-------

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

*Devendra Jalihal*

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

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

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL19CS59S31140263

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

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



Roll No: NPTEL19CS59S41830006

To  
PRAJWAL M  
#EWS-1 ,SRI DEVI KRUPA 5TH MAIN,HEBBAL  
1ST STAGE  
MYSURU  
MYSORE  
KARNATAKA  
570016  
PH. NO :9113004058



Score	Type 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

**PRAJWAL M**

for successfully completing the course

## Python for Data Science

with a consolidated score of **53** %

Online Assignments	21.75/25	Programming Exam	0/25	Proctored Exam	31.12/50
--------------------	----------	------------------	------	----------------	----------

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

*Devendra Jalihal*

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

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

*Prof. Andrew Thangaraj*

**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: NPTEL19CS59S41140399

To  
AISHVARYA DATTATRAYA JOSHI  
#307, BILAAD EMBASSY, BESIDE ST FRANCIS  
OF ASSISI CHURCH  
KENGRI  
BANGALORE RURAL DISTRICT  
KARNATAKA  
560060  
PH. NO :7588459850



Score	Type 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

**AISHVARYA DATTATRAYA JOSHI**

for successfully completing the course

**Python for Data Science**

with a consolidated score of **80** %

Online Assignments	19.75/25	Programming Exam	25/25	Proctored Exam	35.21/50
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Total number of candidates certified in this course: **4426**

*Devendra Jalihal*

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

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

*Prof. Andrew Thangaraj*

**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: NPTEL19CS59S41140413

To  
KEERTHI GOWDA D  
108, GEJJAGARAGUPPE POST  
CHITTANAHALLI  
RAMANAGARA  
KARNATAKA  
562120  
PH. NO :9740398039



Score	Type 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

**KEERTHI GOWDA D**  
for successfully completing the course

## Python for Data Science

with a consolidated score of **68** %

Online Assignments	21.25/25	Programming Exam	20/25	Proctored Exam	27.04/50
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Total number of candidates certified in this course: **4426**

*Devendra Jalihal*

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

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

*Prof. Andrew Thangaraj*

**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: NPTEL19CS64S41141435

To

UJWAL MIRJI  
E-1102, K H B PLATINUM APARTMENTS, NEAR  
SHIRKE CIRCLE, KENGERI SATELLITE TOWN  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560060  
PH. NO :9481562586



Score	Type 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)



10-12-2017

This certificate is awarded to

**UJWAL MIRJI**

for successfully completing the course

**Cloud Computing**

with a consolidated score of **68** %

Online Assignments	18.79/25	Proctored Exam	49.62/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 2460

A. Goswami

Aug-Oct 2019  
(8 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CS64S41141435

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



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



Roll No: NPTEL19CS65S51140022

To  
ABHINAV MURLI  
B1003, TOWER 1 ADARSH PALM RETREAT  
BELLANDUR  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560103  
PH. NO :8105186521



Score	Type 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

**ABHINAV MURLI**

for successfully completing the course

## Introduction to Internet of Things

with a consolidated score of **66** %

Online Assignments	18.34/25	Proctored Exam	48/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **7675**

A. Goswami

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CS65S51140022

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

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



Roll No: NPTEL19CS65S61142141

To

KIRAN KUMAR S  
NO. 4 JANNANI MUNESHWARA LAYOUT  
APPANAGAR KR PURAM BENGALURU-36  
BENGALURU  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560036  
PH. NO :9741997124



Score	Type 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

**KIRAN KUMAR S**

for successfully completing the course

## Introduction to Internet of Things

with a consolidated score of **60** %

Online Assignments	21.88/25	Proctored Exam	38.27/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **7675**

A. Goswami

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CS65S61142141

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

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



Roll No: NPTEL19CS67S61141872

To  
NIDHI K  
R V COLLEGE OF ENGINEERING  
MYSORE ROAD, BENGALU  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560059  
PH. NO :6361908690



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

No. of credits recommended by NPTEL:3

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to  
**NIDHI K**  
for successfully completing the course  
**Discrete Mathematics**

with a consolidated score of **78** %

Online Assignments	24.38/25	Proctored Exam	54/75
--------------------	----------	----------------	-------

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **502**

Jul-Oct 2019  
(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: NPTEL19CS67S61141886

To  
SHAIK ABRAR UL HAQ  
54/84-1, KAGITHALA PENTA, RAVINDRA NAGAR  
KADAPA  
ANDHRA PRADESH  
516003  
PH. NO :9381617255



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

No. of credits recommended by NPTEL:3

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to  
**SHAIK ABRAR UL HAQ**  
for successfully completing the course  
**Discrete Mathematics**

with a consolidated score of **76** %

Online Assignments	23.72/25	Proctored Exam	52.5/75
--------------------	----------	----------------	---------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **502**

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

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL19CS67S61141886

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

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



Roll No: NPTEL19CS67S61141899

To  
FURQAN ABDUL KHADAR RAMADURG  
RV COLLEGE OF ENGINEERING, MYSORE ROAD,  
RV VIDYANIKETHAN POST  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560059  
PH. NO :8660663893



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

No. of credits recommended by NPTEL:3

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to  
**FURQAN ABDUL KHADAR RAMADURG**  
for successfully completing the course  
**Discrete Mathematics**

with a consolidated score of **64** %

Online Assignments	22.19/25	Proctored Exam	42/75
--------------------	----------	----------------	-------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **502**

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

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL19CS67S61141899

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

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



Roll No: NPTEL19CS67S61141930

To

SHIVANI C H  
3575/35 A, BESIDE PARK, BALAJI NAGAR,  
KUNDUWADA ROAD  
DAVANGERE  
DAVANAGERE  
KARNATAKA  
577006  
PH. NO : 9900821211



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

No. of credits recommended by NPTEL:3

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to  
**SHIVANI C H**  
for successfully completing the course  
**Discrete Mathematics**

with a consolidated score of **77** %

Online Assignments	23.44/25	Proctored Exam	54/75
--------------------	----------	----------------	-------

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **502**

Jul-Oct 2019  
(12 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS67S61141930

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



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



Roll No: NPTEL19CS67S61141962

To  
VINAYAKUMAR MOGER  
#197 GORTE CROSS BELKE  
BHATKAL  
UTTARA KANNADA  
KARNATAKA  
581320  
PH. NO :7022265563



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

No. of credits recommended by NPTEL:3

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



# NPTEL Online Certification

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



This certificate is awarded to  
**VINAYAKUMAR MOGER**  
for successfully completing the course  
**Discrete Mathematics**

with a consolidated score of **59** %

Online Assignments	22.75/25	Proctored Exam	36/75
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*Devendra Jalihal*

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

Total number of candidates certified in this course: **502**

**Jul-Oct 2019**  
(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: NPTEL19CS67S61141876

To  
PRAJWAL K  
#302/301,VISHNU RESIDENCY APARTMENTS 1ST  
CROSS SARVABHOUMA NAGAR CHIKKALASANDRA  
BANGALURU  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560061  
PH. NO :9844727712



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

No. of credits recommended by NPTEL:3

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



# NPTEL Online Certification

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



This certificate is awarded to

**PRAJWAL K**

for successfully completing the course

**Discrete Mathematics**

with a consolidated score of **57** %

Online Assignments	19.66/25	Proctored Exam	37.5/75
--------------------	----------	----------------	---------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **502**

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

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL19CS67S61141876

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

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



Roll No: NPTEL19CS50S11120751

To  
SHREYAS S  
#63 5TH MAIN 5TH CROSS HAMPINAGAR  
VIJAYANAGAR  
BENGALURU  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560104  
PH. NO :9731916585



Score	Type 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

**SHREYAS S**

for successfully completing the course

## Introduction to Operating Systems

with a consolidated score of **69** %

Online Assignments	21.33/25	Proctored Exam	47.45/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **506**

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

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL19CS50S11120751

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



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



Roll No: NPTEL19CS67S61141946

To

R AKASH  
#55, LAKSHMI NIVAS, OLD MANJUNATHA  
LAYOUT  
RAMAMURTHY NAGAR  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560016  
PH. NO :9449851640



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

No. of credits recommended by NPTEL:3

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



Elite

# NPTEL Online Certification

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



RAKASH



This certificate is awarded to

**R AKASH**

for successfully completing the course

**Discrete Mathematics**

with a consolidated score of **87** %

Online Assignments	24.06/25	Proctored Exam	63/75
--------------------	----------	----------------	-------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **502**

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

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL19CS67S61141946

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

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



Roll No: NPTEL19CS67S61141950

To  
NISHCHAL J  
RV COLLEGE OF ENGINEERING, MYSORE RD, RV  
VIDYANIKETAN POST  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560059  
PH. NO :7829723033



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

No. of credits recommended by NPTEL:3

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to  
**NISHCHAL J**  
for successfully completing the course  
**Discrete Mathematics**

with a consolidated score of **79** %

Online Assignments	23.75/25	Proctored Exam	55.5/75
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*Devendra Jalihal*

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

Total number of candidates certified in this course: **502**

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

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL19CS67S61141950

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

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



Roll No: NPTEL19CS67S61141996

To  
THEJAS B U  
#17, 5TH CROSS,  
1ST MAIN, HOSAHALLI,  
VIJAYNAGAR  
BENGALURU  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560040  
PH. NO : 9141177944



Score	Type 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  
**THEJAS B U**  
for successfully completing the course  
**Discrete Mathematics**

with a consolidated score of **82** %

Online Assignments	24.69/25	Proctored Exam	57/75
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*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **502**

Jul-Oct 2019  
(12 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS67S61141996

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



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



Roll No: NPTEL19CS67S61141918

To  
KRITHI D SHETTY  
R.V COLLEGE OF ENGINEERING  
MYSORE ROAD BANGALORE  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560059  
PH. NO :7022783201



Score	Type 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

**KRITHI D SHETTY**

for successfully completing the course

**Discrete Mathematics**

with a consolidated score of **85** %

Online Assignments	24.69/25	Proctored Exam	60/75
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*Devendra Jalihal*

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

Total number of candidates certified in this course: **502**

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

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL19CS67S61141918

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

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



Roll No: NPTEL19CS67S61141920

To

KRUTHI MN  
4TH WARD, PRASHANT NAGAR, CHICKBALLAPUR  
CHICKBALLAPUR  
CHICKBALLAPUR  
KARNATAKA  
562101  
PH. NO : 9743358268



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

No. of credits recommended by NPTEL:3

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to

**KRUTHI MN**

for successfully completing the course

**Discrete Mathematics**

with a consolidated score of **78** %

Online Assignments	23.72/25	Proctored Exam	54/75
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*Devendra Jaliha*

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

Total number of candidates certified in this course: **502**

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

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL19CS67S61141920

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

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



Roll No: NPTEL19CS67S61141948

To

SUJAY HEBBAR  
#526,10TH MAIN,3RD CROSS,BHCS LAYOUT  
UTTARAHALLI  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560061  
PH. NO :8762563905



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

No. of credits recommended by NPTEL:3

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to

**SUJAY HEBBAR**

for successfully completing the course

**Discrete Mathematics**

with a consolidated score of **87** %

Online Assignments	24.06/25	Proctored Exam	63/75
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*Devendra Jalihal*

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

Total number of candidates certified in this course: **502**

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

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL19CS67S61141948

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



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



Roll No: NPTEL19CS67S61141978

To  
ROHIT MOHAN KRISHNA G V L  
303 MOTHERLAND APARTMENTS, 3RD MAIN,  
3RD CROSS, KAMMANAHALLI  
BENGALURU  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560084  
PH. NO: 9380465615



Score	Type 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  
**ROHIT MOHAN KRISHNA G V L**  
for successfully completing the course  
**Discrete Mathematics**

with a consolidated score of **81** %

Online Assignments	24.06/25	Proctored Exam	57/75
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*Devendra Jalihal*

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

Total number of candidates certified in this course: **502**

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

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL19CS67S61141978

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

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



Roll No: NPTEL19CS67S61142004

To

SAKSHI KAMAL  
4191, MAPLE 4, SOBHA FOREST VIEW  
APARTMENT, 100 FEET VAJRAHALLI ROAD  
OFF KANAKAPURA ROAD  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560062  
PH. NO :8277335830



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

No. of credits recommended by NPTEL:3

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to  
**SAKSHI KAMAL**  
for successfully completing the course  
**Discrete Mathematics**

with a consolidated score of **76** %

Online Assignments	22.13/25	Proctored Exam	54/75
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*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **502**

Jul-Oct 2019  
(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: NPTEL19CS67S61141972

To

VARSHA R JENNI

#497, 13TH A CROSS, 28TH MAIN, J.P NAGAR

BANGALORE

BANGALORE URBAN DISTRICT

KARNATAKA

560078

PH. NO : 7348818625



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

No. of credits recommended by NPTEL:3

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to

**VARSHA R JENNI**

for successfully completing the course

**Discrete Mathematics**

with a consolidated score of **89** %

Online Assignments	24.34/25	Proctored Exam	64.5/75
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*Devendra Jalihal*

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

Total number of candidates certified in this course: **502**

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

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL19CS67S61141972

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



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



Roll No: NPTEL19CS67S61142020

To  
SHREENIDHI  
DESHPANDE GALLI ,BHALKI  
BHALKI  
BIDAR  
KARNATAKA  
585328  
PH. NO :9480511703



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

No. of credits recommended by NPTEL:3

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to  
**SHREENIDHI**  
for successfully completing the course  
**Discrete Mathematics**

with a consolidated score of **76** %

Online Assignments	23.44/25	Proctored Exam	52.5/75
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*Devendra Jalihal*

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

Total number of candidates certified in this course: **502**

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

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL19CS67S61142020

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

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



Roll No: NPTEL19CS67S61142028

To

S NITIN PANDIT

NO. G3, FLAT NO.101, "SWANANDA SRINIDHI  
NIVAS"

KSRTC LAYOUT

BANGALORE URBAN DISTRICT

KARNATAKA

560061

PH. NO :9900109738



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

No. of credits recommended by NPTEL:3

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



# Elite NPTEL Online Certification

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



This certificate is awarded to

**S NITIN PANDIT**

for successfully completing the course

**Discrete Mathematics**

with a consolidated score of **84** %

Online Assignments	24.38/25	Proctored Exam	60/75
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*Devendra Jalihal*

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

Total number of candidates certified in this course: **502**

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

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL19CS67S61142028

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

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



Roll No: NPTEL19CS67S61142030

To  
POONAM GHULI  
526 BEML 5TH STAGE  
RAJARAJESHWARI NAGAR  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560098  
PH. NO :9986421230



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

No. of credits recommended by NPTEL:3

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to  
**POONAM GHULI**  
for successfully completing the course  
**Discrete Mathematics**

with a consolidated score of **77** %

Online Assignments	23.44/25	Proctored Exam	54/75
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*Devendra Jalihal*

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

Total number of candidates certified in this course: **502**

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

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL19CS67S61142030

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



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



Roll No: NPTEL19CS67S61142038

To  
SRISHTI MOORTHY  
E-603, MANTRI ELEGANCE  
BANNERGHATTA ROAD, NS PALYA  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560076  
PH. NO : 7847986775



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

No. of credits recommended by NPTEL:3

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



# Elite NPTEL Online Certification

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



This certificate is awarded to  
**SRISHTI MOORTHY**  
for successfully completing the course  
**Discrete Mathematics**

with a consolidated score of **86** %

Online Assignments	24.69/25	Proctored Exam	61.5/75
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*Devendra Jalihal*

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

Total number of candidates certified in this course: **502**

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

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL19CS67S61142038

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

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



Roll No: NPTEL19CS67S61142042

To  
SHREYAS S  
#63 5TH MAIN 5TH CROSS HAMPINAGAR  
VIJAYANAGAR  
BENGALURU  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560104  
PH. NO :9731916585



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

No. of credits recommended by NPTEL:3

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to

**SHREYAS S**

for successfully completing the course

**Discrete Mathematics**

with a consolidated score of **70** %

Online Assignments	25.00/25	Proctored Exam	45/75
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*Devendra Jalihal*

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

Total number of candidates certified in this course: **502**

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

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL19CS67S61142042

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

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



Roll No: NPTEL19CS67S61142046

To

MONISH S

#2, FLAT NO F1, SUNDARAM ENCLAVE, 4TH  
CROSS, ABBIAH REDDY LAYOUT, KAGGADASAPURA  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560093  
PH. NO : 7349448656



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

No. of credits recommended by NPTEL: 3

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to

**MONISH S**

for successfully completing the course

**Discrete Mathematics**

with a consolidated score of **80** %

Online Assignments	24.69/25	Proctored Exam	55.5/75
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*Devendra Jalihal*

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

Total number of candidates certified in this course: **502**

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

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL19CS67S61142046

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



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



Roll No: NPTEL19CS67S61142048

To

RISHA DASSI  
RV COLLEGE OF ENGINEERING, MYSORE RD, RV  
VIDYANIKETAN, POST, BENGALURU, KARNATAKA  
BENGALURU  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560059  
PH. NO : 7738194751



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

No. of credits recommended by NPTEL:3

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



# Elite NPTEL Online Certification

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



This certificate is awarded to  
**RISHA DASSI**  
for successfully completing the course  
**Discrete Mathematics**

with a consolidated score of **85** %

Online Assignments	23.13/25	Proctored Exam	61.5/75
--------------------	----------	----------------	---------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **502**

**Jul-Oct 2019**  
**(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: NPTEL19CS67S61142052

To

SHAILESH KUMAR SHARMA  
F-5, BHARATHI TOWERS, BALAJI ENCLAVE,  
DODDANEKUNDI  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560037  
PH. NO :9686195598



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

No. of credits recommended by NPTEL:3

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to  
**SHAILESH KUMAR SHARMA**  
for successfully completing the course  
**Discrete Mathematics**

with a consolidated score of **81** %

Online Assignments	24.38/25	Proctored Exam	57/75
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*Devendra Jalihal*

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

Total number of candidates certified in this course: **502**

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

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL19CS67S61142052

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

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



Roll No: NPTEL19CS67S61142076

To

M C SOHAN  
#413, FIRST FLOOR, 3RD MAIN, HMT LAYOUT,  
ANANDNAGAR  
RT NAGAR  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560024  
PH. NO :9380172414



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

No. of credits recommended by NPTEL:3

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



# Elite NPTEL Online Certification

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



This certificate is awarded to  
**M C SOHAN**  
for successfully completing the course  
**Discrete Mathematics**

with a consolidated score of **96** %

Online Assignments	25.00/25	Proctored Exam	70.5/75
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*Devendra Jalihal*

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

Total number of candidates certified in this course: **502**

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

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL19CS67S61142076

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



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



Roll No: NPTEL19CS67S61142088

To  
NEIL NAGARAJ  
#407, SRI PEARL PARK, DUBASI PALYA,  
Kengeri Satellite Town, Bengaluru  
Kengeri  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560059  
PH. NO: 9611511347



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

No. of credits recommended by NPTEL:3

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to

**NEIL NAGARAJ**

for successfully completing the course

**Discrete Mathematics**

with a consolidated score of **67** %

Online Assignments	23.41/25	Proctored Exam	43.5/75
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*Devendra Jalihal*

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

Total number of candidates certified in this course: **502**

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

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL19CS67S61142088

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

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



Roll No: NPTEL19CS67S61142094

To

RAJATH S VASISTH  
#415 3RD MAIN 9TH CROSS CHENNAMANAKERE  
ACHUKATTU  
BSK 3RD STAGE  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560085  
PH. NO :8105339674



Score	Type 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  
**RAJATH S VASISTH**  
for successfully completing the course  
**Discrete Mathematics**

with a consolidated score of **69** %

Online Assignments	24.38/25	Proctored Exam	45/75
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*Devendra Jalihal*

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

Total number of candidates certified in this course: **502**

**Jul-Oct 2019**  
**(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: NPTEL19CS67S61142108

To

SIDDHARTH CHAUHAN  
E-105, MBR SHANGRI LA, NEAR R.V COLLEGE  
, MYSORE ROAD  
HARSHA LAYOUT  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560059  
PH. NO : 9521795117



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

No. of credits recommended by NPTEL:3

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to  
**SIDDHARTH CHAUHAN**  
for successfully completing the course  
**Discrete Mathematics**

with a consolidated score of **62** %

Online Assignments	24.38/25	Proctored Exam	37.5/75
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*Devendra Jalihal*

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

Total number of candidates certified in this course: **502**

**Jul-Oct 2019**  
**(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: NPTEL19CS67S61142118

To  
H A VIBHAV SHARMA  
#217,4TH MAIN  
MSR NAGAR  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560054  
PH. NO :9380141825



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

No. of credits recommended by NPTEL:3

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to  
**H A VIBHAV SHARMA**  
for successfully completing the course  
**Discrete Mathematics**

with a consolidated score of **69** %

Online Assignments	24.03/25	Proctored Exam	45/75
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*Devendra Jalihal*

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

Total number of candidates certified in this course: **502**

**Jul-Oct 2019**  
**(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: NPTEL19CS67S61142122

To  
SRIRAM NARAYANA CUMMARAGUNTA  
318 6A MAIN 2ND BLOCK HRBR LAYOUT  
BENGALURU  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560043  
PH. NO :6361993126



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

No. of credits recommended by NPTEL:3

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to  
**SRIRAM NARAYANA CUMMARAGUNTA**  
for successfully completing the course  
**Discrete Mathematics**

with a consolidated score of **77** %

Online Assignments	22.50/25	Proctored Exam	54/75
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*Devendra Jalihal*

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

Total number of candidates certified in this course: **502**

**Jul-Oct 2019**  
**(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: NPTEL19CS67S61142124

To  
SHLOKA DOREPALLY  
326, SOBHA ZIRCON, JAKKUR PLANTATIONS,  
YELAHANKA  
BENGALURU  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560064  
PH. NO :9611718464



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

No. of credits recommended by NPTEL:3

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to  
**SHLOKA DOREPALLY**  
for successfully completing the course  
**Discrete Mathematics**

with a consolidated score of **64** %

Online Assignments	23.75/25	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: **502**

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

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL19CS67S61142124

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



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



Roll No: NPTEL19CS67S61142132

To

PAVAN K R  
#298, 8TH MAIN, EESHAVASYAM  
OPPOSITE TO CHANNAMMANAKERE ACHUKATTU  
POLICE STATION  
BENGALURU  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560085  
PH. NO :8310233896



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

No. of credits recommended by NPTEL:3

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



# Elite NPTEL Online Certification

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



This certificate is awarded to

**PAVAN K R**

for successfully completing the course

**Discrete Mathematics**

with a consolidated score of **87** %

Online Assignments	25.00/25	Proctored Exam	61.5/75
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*Devendra Jalihal*

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

Total number of candidates certified in this course: **502**

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

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL19CS67S61142132

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

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



Roll No: NPTEL19CS67S61142142

To

NAVYA PRIYA N  
#36, BALAJI LAYOUT, 2ND MAIN ROAD, R.T  
NAGAR(POST)  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560032  
PH. NO :9066436612



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

No. of credits recommended by NPTEL:3

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to  
**NAVYA PRIYA N**  
for successfully completing the course  
**Discrete Mathematics**

with a consolidated score of **75** %

Online Assignments	23.75/25	Proctored Exam	51/75
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*Devendra Jalihal*

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

Total number of candidates certified in this course: **502**

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

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



Roll No: NPTEL19CS67S61142142

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

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



Roll No: NPTEL19CS68S31140615

To

SIDHARTH RASHWANA  
#106, SARASWATI NIWAS, NEAR VINAYAKA  
MEDICALS, MAIN CHANNEL ROAD, ULSOOR  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560008  
PH. NO : 9741502471



Score	Type 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  
**SIDHARTH RASHWANA**  
for successfully completing the course  
**Ethical Hacking**

with a consolidated score of **71** %

Online Assignments	21.38/25	Proctored Exam	49.5/75
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Total number of candidates certified in this course: 2097

A. Goswami

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CS68S31140615

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



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



Roll No: NPTEL19CS68S31140711

To  
DEEKSHA K  
101, LAKSHMI NARAYANA NILAYA  
5TH MAIN, 3RD CROSS, M E I LAYOUT,  
BAGALAGUNTE,  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560073  
PH. NO :7760853260



Score	Type 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

**DEEKSHA K**

for successfully completing the course

**Ethical Hacking**

with a consolidated score of **66** %

Online Assignments	20.78/25	Proctored Exam	45/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 2097

A. Goswami

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CS68S31140711

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

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



Roll No: NPTEL19CS72S31141074

To  
GOLLAMUDI SAI SRIKAR  
T-05, SILVERWAVES ELEGANCE, BEHIND  
SHRUNGERI SHARADA MATT, KENGERI SATELLITE  
TOWN  
BENGALURU  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560060  
PH. NO :8977480085



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

No. of credits recommended by NPTEL:2

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to  
**GOLLAMUDI SAI SRIKAR**  
for successfully completing the course

## Hardware Modeling Using Verilog

with a consolidated score of **86** %

Online Assignments	22.61/25	Proctored Exam	63/75
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Total number of candidates certified in this course: 336

A. Goswami

Aug-Oct 2019  
(8 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CS72S31141074

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

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



Roll No: NPTEL19CS75S21120929

To

CHIRAG BAPAT  
G3, SILVER MANOR, 14 AMC MAIN ROAD, MM  
LAYOUT, RT NAGAR  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560032  
PH. NO :8088065605



Score	Type 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

**CHIRAG BAPAT**

for successfully completing the course

## Demystifying Networking

with a consolidated score of **86** %

Online Assignments	23.33/25	Proctored Exam	62.75/75
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Total number of candidates certified in this course: **554**

Jul-Aug 2019  
(4 week course)

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



Indian Institute of Technology Bombay



Roll No: NPTEL19CS75S21120929

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



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



Roll No: NPTEL19CS82S61140267

To  
ABHISHEK RAMAN  
118 5TH CROSS KASTURINAGAR  
EAST OF NGEF LAYOUT  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560043  
PH. NO :7620789177



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

No. of credits recommended by NPTEL:3

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



Elite

# NPTEL Online Certification

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



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

## Machine Learning for Engineering and Science Applications

with a consolidated score of **79** %

Online Assignments	18.50/25	Proctored Exam	60.75/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 221

Jul-Oct 2019  
(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: NPTEL19DE02S21121110

To

VEERESH I METI  
ANJANADRI NILAYA, OPP ANJANAYA TEMPLE,  
BDA 3RD, GNANABARATHI 3 STAGE,  
DUBASIPALY  
BENGALURU  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560059  
PH. NO :8880822525



Score	Type 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

**VEERESH I METI**

for successfully completing the course

## Ergonomics Workplace Analysis

with a consolidated score of **60** %

Online Assignments	20.83/25	Proctored Exam	39/75
--------------------	----------	----------------	-------

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

Jul-Aug 2019  
(4 week course)

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



Indian Institute of Technology Guwahati



Roll No: NPTEL19DE02S21121110

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

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



Roll No: NPTEL19EE38S61141605

To  
SIDDALINGESH WALISHETRA  
#21 22ND A CROSS 2ND MAIN PHOENIX  
GARDEN VIGNAN NAGAR  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560075  
PH. NO :7892314332



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

No. of credits recommended by NPTEL:3

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to  
**SIDDALINGESH WALISHETRA**  
for successfully completing the course  
**Analog Electronic Circuit**

with a consolidated score of **60** %

Online Assignments	11.56/25	Proctored Exam	48/75
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*Devendra Jalihal*

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

Total number of candidates certified in this course: **63**

**Jul-Oct 2019**  
**(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: NPTEL19EE41S31141033

To

GIRISH K H  
#17, 3RD CROSS, CHOWDESHWARI LAYOUT  
KODIGEHALLI  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560092  
PH. NO :8151982854



Score	Type 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

**GIRISH K H**

for successfully completing the course

**Sensors and Actuators**

with a consolidated score of **81** %

Online Assignments	22.59/25	Proctored Exam	58.5/75
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**Prof. G. L. Sivakumar Babu**  
Chairman, Centre for Continuing Education  
IISc Bangalore

Total number of candidates certified in this course: **652**

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

**Prof. L. Umanand**  
NPTEL Coordinator  
IISc Bangalore



Indian Institute of Science Bangalore



Roll No: NPTEL19EE41S31141033

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

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



Roll No: NPTEL19EE51S41140794

To

P SUJITH

# 4,5 PATTANGERE VENKATADRI BUILDING,

NEAR GLOBAL VILLAGE, SRI BALAJI PG

BENGALURU

BANGALORE URBAN DISTRICT

KARNATAKA

560098

PH. NO :9483866445



Score	Type 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

**P SUJITH**

for successfully completing the course

**Digital Circuits**

with a consolidated score of **70** %

Online Assignments	19.38/25	Proctored Exam	51/75
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Total number of candidates certified in this course: **2864**

*A. Goswami*

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19EE51S41140794

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

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



Roll No: NPTEL19EE51S41140798

To  
SRINIKETH S S  
47,ITI LAYOUT, NEW BEL ROAD,  
BENGALURU-54  
BENGALURU  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560054  
PH. NO :9886141364



Score	Type 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  
**SRINIKETH S S**  
for successfully completing the course  
**Digital Circuits**

with a consolidated score of **66** %

Online Assignments	18.13/25	Proctored Exam	48/75
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Total number of candidates certified in this course: 2864

A. Goswami

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19EE51S41140798

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



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



Roll No: NPTEL19EE51S41140700

To  
RAGHAVENDRA P R  
#501, 4TH MAIN, 2ND PHASE  
MANJUNATHNAGAR  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560010  
PH. NO :9036106708



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

No. of credits recommended by NPTEL:3

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to  
**RAGHAVENDRA P R**  
for successfully completing the course  
**Digital Circuits**

with a consolidated score of **68** %

Online Assignments	21.28/25	Proctored Exam	46.5/75
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Total number of candidates certified in this course: 2864

A. Goswami

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19EE51S41140700

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

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



Roll No: NPTEL19EE51S41140714

To

PRAKHAR GUPTA  
ROOM B312, NEW CAVERY HOSTEL, RV COLLEGE  
OF ENGINEERING, MYSORE ROAD  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
208017  
PH. NO :9450388446



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

No. of credits recommended by NPTEL:3

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to  
**PRAKHAR GUPTA**  
for successfully completing the course  
**Digital Circuits**

with a consolidated score of **67** %

Online Assignments	23.53/25	Proctored Exam	43.5/75
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Total number of candidates certified in this course: 2864

A. Goswami

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19EE51S41140714

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

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



Roll No: NPTEL19EE51S41140708

To

ANISH KESHA  
FLAT 102 HALDIPUR RESIDENCY 6TH MAIN 7TH  
CROSS MALLESWARAM  
BENGALURU  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560003  
PH. NO :9902440264



Score	Type 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  
**ANISH KESHA**  
for successfully completing the course  
**Digital Circuits**

with a consolidated score of **66** %

Online Assignments	17.72/25	Proctored Exam	48/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 2864

A. Goswami

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19EE51S41140708

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



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



Roll No: NPTEL19EE51S41140828

To

RAHUL PINNY  
DOOR NO 160, WARD NO XI, SUBRAMANYESHWAR  
SWAMY NILAYAM  
NEAR VEERABHADRA SWAMY TEMP  
BELLARY  
KARNATAKA  
583101  
PH. NO : 9591955645



Score	Type 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

**RAHUL PINNY**

for successfully completing the course

**Digital Circuits**

with a consolidated score of **69** %

Online Assignments	16.88/25	Proctored Exam	52.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 2864

A. Goswami

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19EE51S41140828

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

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



Roll No: NPTEL19EE51S41140836

To

SANDEEP

#1-3-368 MPCL COLONY ASHAPUR ROAD

CUTY

RAICHUR

KARNATAKA

584101

PH. NO :7829483360



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

No. of credits recommended by NPTEL:3

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to

**SANDEEP**

for successfully completing the course

**Digital Circuits**

with a consolidated score of **65** %

Online Assignments	22.91/25	Proctored Exam	42/75
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Total number of candidates certified in this course: **2864**

*A. Goswami*

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19EE51S41140836

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

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



Roll No: NPTEL19EE69S61142786

To

KARANAM DHANVI  
F - 101, 2-2-647/28,  
SHIVANANDA APARTMENTS, C.E. COLONY  
BAGH AMBERPET  
HYDERABAD  
TELANGANA  
500013  
PH. NO :9148950827



Score	Type 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  
**KARANAM DHANVI**  
for successfully completing the course  
**Electrical Machines**

with a consolidated score of **78** %

Online Assignments	22.72/25	Proctored Exam	55.31/75
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*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **138**

Jul-Oct 2019  
(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: NPTEL19EE70S41141328

To  
KRISHNA DAIVAJNA  
S/O MOUNESH DAIVAJNA,  
JAWALI BAZAR, NEAR OLD POST OFFICE,  
MAHALINGAPUR  
BAGALKOT  
KARNATAKA  
587312  
PH. NO :9980366150



Score	Type 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  
**KRISHNA DAIVAJNA**  
for successfully completing the course



## Mapping Signal Processing Algorithms to Architectures

with a consolidated score of **82** %

Online Assignments	22.81/25	Proctored Exam	59.25/75
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*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **18**

Jul-Oct 2019  
(12 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19EE70S41141328

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

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



Roll No: NPTEL19GE21S61142379

To

RAKSHA.M  
#30/108/1,3RD MAIN,TUNGA RIVER ROAD,  
DATTATREYA NAGAR,  
BSK -3RD STAGE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560085  
PH. NO :8618554024



Score	Type 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

**RAKSHA.M**

for successfully completing the course

## Introduction to Research

with a consolidated score of **77** %

Online Assignments	18.92/25	Proctored Exam	58/75
--------------------	----------	----------------	-------

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **1903**

Aug-Oct 2019  
(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: NPTEL19GE21S61140002

To  
NAVEEN R  
#926 11TH CROSS AGRAHARA LAYOUT  
YELAHANKA  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560064  
PH. NO :9113877568



Score	Type 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

**NAVEEN R**

for successfully completing the course

## Introduction to Research

with a consolidated score of **73** %

Online Assignments	20.71/25	Proctored Exam	52.49/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **1903**

**Aug-Oct 2019**  
**(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: NPTEL19GE21S61140968

To

CHIDAMBAR B  
SRI SATHYA SAI UNIVERSITY FOR UNIVERSITY  
FOR HUMAN EXCELLENCE, OKALI POST  
NAVINIHALA, KAMALAPUR  
GULBARGA  
KARNATAKA  
585313  
PH. NO : 8147394406



Score	Type 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

**CHIDAMBAR B**

for successfully completing the course

## Introduction to Research

with a consolidated score of **64** %

Online Assignments	16.38/25	Proctored Exam	47.25/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **1903**

**Aug-Oct 2019**  
**(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: NPTEL19HS51S31141596

To  
PARIKSHITH PARTHASARATHY KALASE GOWDA  
#348, 15TH MAIN, 1ST BLOCK, 3RD STAGE  
BASAVESHWARANAGAR  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560079  
PH. NO :9513347247



Score	Type 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  
**PARIKSHITH PARTHASARATHY KALASE GOWDA**

for successfully completing the course

**German-I**

with a consolidated score of **51** %

Online Assignments	21.41/25	Proctored Exam	30/75
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*Devendra Jalihal*

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

Total number of candidates certified in this course: **218**

**Jul-Oct 2019**  
(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: NPTEL19HS52S41141618

To  
PARIKSHITH PARTHASARATHY KALASE GOWDA  
#348, 15TH MAIN, 1ST BLOCK, 3RD STAGE  
BASAVESHWARANAGAR  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560079  
PH. NO :9513347247



Score	Type 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

**PARIKSHITH PARTHASARATHY KALASE GOWDA**

for successfully completing the course

**Introduction to Japanese Language and Culture**

with a consolidated score of **75** %

Online Assignments	22.03/25	Proctored Exam	53.25/75
--------------------	----------	----------------	----------

**Prof. Rajesh M. Hegde**

Chairman, Centre for Continuing Education  
IIT Kanpur

Total number of candidates certified in this course: 85

**Jul-Oct 2019**  
**(12 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: NPTEL19MA19S61141576

To  
RAHUL R GAIKWAD  
981 16TH MAIN 7TH CROSS BTM 2ND STAGE  
BENGALURU  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560076  
PH. NO :9108092277



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

No. of credits recommended by NPTEL:2

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to  
**RAHUL R GAIKWAD**  
for successfully completing the course

## Calculus of Several Real Variables

with a consolidated score of **79** %

Online Assignments	18.83/25	Proctored Exam	60/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 260

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

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

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



Indian Institute of Technology Kanpur



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



Roll No: NPTEL19MA33S61140460

To

KAUSHIK.S  
434, 9TH A MAIN, HRBR LAYOUT, KALYAN  
NAGAR  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560043  
PH. NO :7795485489



Score	Type 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

**KAUSHIK.S**

for successfully completing the course

## Introduction to R Software

with a consolidated score of **88** %

Online Assignments	24.08/25	Proctored Exam	63.75/75
--------------------	----------	----------------	----------

**Prof. Rajesh M. Hegde**

Chairman, Centre for Continuing Education  
IIT Kanpur

Total number of candidates certified in this course: 1097

**Aug-Oct 2019**

**(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: NPTEL19MA33S51140126

To  
NAVEEN R  
#926 11TH CROSS AGRAHARA LAYOUT  
YELAHANKA  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560064  
PH. NO :9113877568



Score	Type 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

**NAVEEN R**

for successfully completing the course

**Introduction to R Software**

with a consolidated score of **79** %

Online Assignments	23.83/25	Proctored Exam	55.5/75
--------------------	----------	----------------	---------

**Prof. Rajesh M. Hegde**

Chairman, Centre for Continuing Education  
IIT Kanpur

Total number of candidates certified in this course: 1097

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

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



Indian Institute of Technology Kanpur



Roll No: NPTEL19MA33S51140126

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



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



Roll No: NPTEL19ME41S61141585

To

ROHITH M  
C-304, NEW CAUVERY HOSTEL, R V COLLEGE OF  
ENGINEERING, MYSORE ROAD  
BENGALURU  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560059  
PH. NO : 8310539807



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

No. of credits recommended by NPTEL:3

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to

**ROHITH M**

for successfully completing the course

**Engineering Mechanics**

with a consolidated score of **68** %

Online Assignments	15.28/25	Proctored Exam	52.25/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

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

Total number of candidates certified in this course: **43**

**Jul-Oct 2019**  
**(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: NPTEL19ME46S61140366

To

KASHYAP G RAO  
331, 1-D CROSS, 6TH BLOCK, 2ND PHASE,  
BANASHANKARI 3RD STAGE, BENGALURU-  
560085  
BENGALURU  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560085  
PH. NO :9538397533



Score	Type 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

**KASHYAP G RAO**

for successfully completing the course

## Computer Numerical Control CNC of Machine Tools and Processes

with a consolidated score of **60** %

Online Assignments	11.67/25	Proctored Exam	48.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course:247

A. Goswami

Aug-Sep 2019  
(4 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19ME46S61140366

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

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



Roll No: NPTEL19ME46S61141478

To

K VISHAL RAJ  
#16/1, 1ST CROSS, BRINDHAVAN AVENUE, NEAR  
JAYANTHI NAGAR GOVERNMENT SCHOOL  
HORAMAVU  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560043  
PH. NO : 9845420294



Score	Type 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

**K VISHAL RAJ**

for successfully completing the course

## Computer Numerical Control CNC of Machine Tools and Processes

with a consolidated score of **47** %

Online Assignments	15.83/25	Proctored Exam	31.5/75
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Total number of candidates certified in this course: 247

*A. Goswami*

Aug-Sep 2019  
(4 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19ME46S61141478

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



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



Roll No: NPTEL19ME46S51140043

To

SAINNATH P V  
NO.39, PRAGATHI SINDHOOR APT, 5TH MAIN  
ROAD, SARAKKI VILLAGE, J P NAGAR 1ST  
PHASE  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560078  
PH. NO :9880369497



Score	Type 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

**SAINNATH P V**

for successfully completing the course

## Computer Numerical Control CNC of Machine Tools and Processes

with a consolidated score of **66** %

Online Assignments	19.17/25	Proctored Exam	46.5/75
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Total number of candidates certified in this course:247

A. Goswami

Aug-Sep 2019  
(4 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19ME46S51140043

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

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



Roll No: NPTEL19ME46S51140049

To  
ROOPAK NEELAKANTA  
NO.65,"GAJAASYA",6TH MAIN  
ROAD,TALKAVERI STREET,MARUTHI  
NAGAR,CHANDRA LAYOUT.  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560072  
PH. NO :9740159635



Score	Type 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

**ROOPAK NEELAKANTA**

for successfully completing the course

## Computer Numerical Control CNC of Machine Tools and Processes

with a consolidated score of **58** %

Online Assignments	15.83/25	Proctored Exam	42/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course:247

*A. Goswami*

Aug-Sep 2019  
(4 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19ME46S51140049

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

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



Roll No: NPTEL19ME46S61141476

To

SUCHETH SHENOY

#61, SHENOYS, TWILLA, 3RD MAIN, SHREYAS  
COLONY

JP NAGAR 7TH PHASE

BANGALORE URBAN DISTRICT

KARNATAKA

560078

PH. NO :9483704980



Score	Type 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  
**SUCHETH SHENOY**  
for successfully completing the course

## Computer Numerical Control CNC of Machine Tools and Processes

with a consolidated score of **92** %

Online Assignments	22.50/25	Proctored Exam	69.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course:247

A. Goswami

Aug-Sep 2019  
(4 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19ME46S61141476

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



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



Roll No: NPTEL19ME46S61142515

To

KIRAN KUMAR R  
#09 SRI LAKSHMI NILAYA, SUVARNA NAGAR,  
DODDABIDRAKALLU, NAGASANDRA POST,  
BANGALORE  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560073  
PH. NO : 8970037688



Score	Type 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

**KIRAN KUMAR R**

for successfully completing the course

## Computer Numerical Control CNC of Machine Tools and Processes

with a consolidated score of **50** %

Online Assignments	15.83/25	Proctored Exam	34.5/75
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Total number of candidates certified in this course: 247

*A. Goswami*

Aug-Sep 2019  
(4 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19ME46S61142515

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

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



Roll No: NPTEL19ME46S61141472

To  
ARJUN SIDDHARTH MANGALASSERI  
A010, FERN SAROJ APTS, LBS  
NAGAR, VIMANAPURA P.O  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560017  
PH. NO : 9741685577



Score	Type 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

**ARJUN SIDDHARTH MANGALASSERI**

for successfully completing the course

## Computer Numerical Control CNC of Machine Tools and Processes

with a consolidated score of **70** %

Online Assignments	19.17/25	Proctored Exam	51/75
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Total number of candidates certified in this course: 247

A. Goswami

Aug-Sep 2019  
(4 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19ME46S61141472

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

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



Roll No: NPTEL19ME46S61142517

To

KARTIK SHARMA  
FLAT 203, SURAKSHA ENCLAVE APT, 5TH MAIN  
(NETAJI RD)  
DWARKANAGARA  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560063  
PH. NO :9916674916



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

No. of credits recommended by NPTEL:1

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to

**KARTIK SHARMA**

for successfully completing the course

## Computer Numerical Control CNC of Machine Tools and Processes

with a consolidated score of **86** %

Online Assignments	22.50/25	Proctored Exam	63/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 247

A. Goswami

Aug-Sep 2019  
(4 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19ME46S61142517

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



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



Roll No: NPTEL19ME46S61142519

To

ANJALI.S

#14/1, 5TH A CROSS, SUBANNA GARDEN,

VIJAYANAGAR, BANGALORE-40

BANGALORE

BANGALORE URBAN DISTRICT

KARNATAKA

560040

PH. NO :7899962442



Score	Type 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

**ANJALI.S**

for successfully completing the course

## Computer Numerical Control CNC of Machine Tools and Processes

with a consolidated score of **47** %

Online Assignments	13.33/25	Proctored Exam	33.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course:247

*A. Goswami*

Aug-Sep 2019

(4 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19ME46S61142519

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

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



Roll No: NPTEL19ME46S61142521

To  
RAHUL V  
255/1, SAIRAM, ASHWATH NAGAR,  
THANISANDRA MAIN ROAD  
PAPANNA ROAD  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560077  
PH. NO :9738426762



Score	Type 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

**RAHUL V**

for successfully completing the course

## Computer Numerical Control CNC of Machine Tools and Processes

with a consolidated score of **75** %

Online Assignments	18.33/25	Proctored Exam	57/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course:247

A. Goswami

Aug-Sep 2019  
(4 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19ME46S61142521

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

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



Roll No: NPTEL19ME46S61142523

To

ISHAAN SINGH  
FLAT NUMBER 104, 3RD BLOCK, YAMUNA BLOCK  
BDA APARTMENTS  
MYLASANDRA  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560060  
PH. NO :9476086007



Score	Type 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

**ISHAAN SINGH**

for successfully completing the course

## Computer Numerical Control CNC of Machine Tools and Processes

with a consolidated score of **55** %

Online Assignments	20.83/25	Proctored Exam	34.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course:247

*A. Goswami*

Aug-Sep 2019  
(4 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19ME46S61142523

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



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



Roll No: NPTEL19ME48S21120986

To

SANJAY A  
#6&7/32, 1ST MAIN ROAD, THAVAREKERE MAIN  
ROAD, NEAR DODDAMMA TEMPLE, CHIKKADUGODI  
BANGALORE SOUTH  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560029  
PH. NO : 8553341718



Score	Type 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

**SANJAY A**

for successfully completing the course

**Design for Quality, Manufacturing and Assembly**

with a consolidated score of **82** %

Online Assignments	19.25/25	Proctored Exam	62.25/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: 266

Jul-Sep 2019  
(8 week course)

*Prof. Andrew Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19ME48S21120986

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

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



Roll No: NPTEL19ME50S61140532

To  
SOURABH SHRINIVAS JOSHI  
#143, "HARI KRUPA", GURUPRASAD NAGAR,  
MANDOLI ROAD  
BELGAUM  
KARNATAKA  
590006  
PH. NO :9448887506



Score	Type 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  
**SOURABH SHRINIVAS JOSHI**  
for successfully completing the course  
**Work System Design**

with a consolidated score of **100** %

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

Total number of candidates certified in this course: **451**

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

Jul-Oct 2019  
(12 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: NPTEL19ME56S61140081

To  
MOHAMMED FARAAZ S  
216, 2ND B CROSS, KASTURINAGAR  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560043  
PH. NO :9742985245



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

No. of credits recommended by NPTEL:3

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to

**MOHAMMED FARAAZ S**

for successfully completing the course

## Concepts of Thermodynamics

with a consolidated score of **64** %

Online Assignments	17.38/25	Proctored Exam	46.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 340

A. Goswami

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19ME56S61140081

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



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



Roll No: NPTEL19ME56S61140087

To  
GIRISH BALACHANDRA UMADI  
C 326, CAUVERY HOSTEL, R V COLLEGE,  
MYSURU ROAD  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560059  
PH. NO :8884639929



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

No. of credits recommended by NPTEL:3

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



# NPTEL Online Certification

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



This certificate is awarded to  
**GIRISH BALACHANDRA UMADI**  
for successfully completing the course  
**Concepts of Thermodynamics**

with a consolidated score of **52** %

Online Assignments	21.66/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **340**

*A. Goswami*

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19ME56S61140087

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

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



Roll No: NPTEL19ME56S51140072

To

SYED SALMAN

#30 2ND CROSS DEAD END, SHAKTIFARM ROAD

,OPP VIDYASAGAR SCHOOL

BHOOPASANDRA

BANGALORE URBAN DISTRICT

KARNATAKA

560094

PH. NO :8095693528



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

No. of credits recommended by NPTEL:3

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to

**SYED SALMAN**

for successfully completing the course

## Concepts of Thermodynamics

with a consolidated score of **61** %

Online Assignments	19.28/25	Proctored Exam	41.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 340

Jul-Oct 2019

(12 week course)

A. Goswami

**Prof. Adrijit Goswami**

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19ME56S51140072

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

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



Roll No: NPTEL19ME56S61141500

To  
VIKAS S  
VIKAS S  
KURUBARAHALLI  
DABBEGHATTA POST  
MADHUGIRI TALUK  
TUMKUR  
KARNATAKA  
572112  
PH. NO :8197000746



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

No. of credits recommended by NPTEL:3

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



# NPTEL Online Certification

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



VIKAS S  
01.12.2017

This certificate is awarded to

**VIKAS S**

for successfully completing the course

## Concepts of Thermodynamics

with a consolidated score of **48** %

Online Assignments	17.28/25	Proctored Exam	30.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **340**

*A. Goswami*

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19ME56S61141500

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



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



Roll No: NPTEL19ME56S61140089

To

ROHAN SINGH  
ROOM NUMBER 331, NEW CAUVERY HOSTEL, RV  
COLLEGE OF ENGINEERING  
MYSURU ROAD  
BANGALORE RURAL DISTRICT  
KARNATAKA  
560059  
PH. NO : 9380461970



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

No. of credits recommended by NPTEL:3

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



Elite

# NPTEL Online Certification

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



This certificate is awarded to

**ROHAN SINGH**

for successfully completing the course

## Concepts of Thermodynamics

with a consolidated score of **60** %

Online Assignments	21.44/25	Proctored Exam	39/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **340**

A. Goswami

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19ME56S61140089

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

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



Roll No: NPTEL19ME59S61140191

To

SAINNATH P V

NO.39, PRAGATHI SINDHOOR APT, 5TH MAIN

ROAD, SARAKKI VILLAGE, J P NAGAR 1ST

PHASE

BANGALORE

BANGALORE URBAN DISTRICT

KARNATAKA

560078

PH. NO :9880369497



Score	Type 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

**SAINNATH P V**

for successfully completing the course



## Fundamentals of Conduction and Radiation

with a consolidated score of **82** %

Online Assignments	20.22/25	Proctored Exam	61.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **176**

Jul-Oct 2019  
(12 week course)

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



Indian Institute of Technology Guwahati



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



Roll No: NPTEL19ME70S61140188

To

VAIBHAV M N  
2107,1ST FLOOR,31ST CROSS ROAD,D-GROUP  
LAYOUT,SRIGANDADA KAVAL  
GIDADAKONENAHALLI  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560091  
PH. NO :8050573803



Score	Type 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  
**VAIBHAV M N**  
for successfully completing the course  
**Engineering Metrology**

with a consolidated score of **83** %

Online Assignments	24.38/25	Proctored Exam	58.5/75
--------------------	----------	----------------	---------

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

Total number of candidates certified in this course: 875

**Jul-Oct 2019**  
(12 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: NPTEL19ME70S61142745

To  
ABHIJNA H B  
HANCHINALLY HOUSE  
YEDOOOR VILLAGE  
HANGAL POST  
SOMWARPET  
KODAGU  
KARNATAKA  
571236  
PH. NO :9341962543



Score	Type 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  
**ABHIJNA H B**  
for successfully completing the course  
**Engineering Metrology**

with a consolidated score of **83** %

Online Assignments	23.41/25	Proctored Exam	60/75
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**Prof. Rajesh M. Hegde**  
Chairman, Centre for Continuing Education  
IIT Kanpur

Total number of candidates certified in this course: 875

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

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



Indian Institute of Technology Kanpur



Roll No: NPTEL19ME70S61142745

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

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



Roll No: NPTEL19ME74S11120913

To  
MUKUND RANGANATHA ACHAR  
RV COLLEGE OF ENGINEERING  
MYSORE ROAD  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560059  
PH. NO :8050190644



Score	Type 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  
**MUKUND RANGANATHA ACHAR**  
for successfully completing the course  
**Robotics**

with a consolidated score of **96** %

Online Assignments	24.17/25	Proctored Exam	72/75
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Total number of candidates certified in this course: 1031

A. Goswami

Jul-Sep 2019  
(8 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19ME74S11120913

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

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



Roll No: NPTEL19ME74S11120915

To

KARTIK SHARMA  
FLAT 203, SURAKSHA ENCLAVE APT, 5TH MAIN  
(NETAJI RD)  
DWARKANAGARA  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560063  
PH. NO :9916674916



Score	Type 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  
**KARTIK SHARMA**  
for successfully completing the course  
**Robotics**

with a consolidated score of **93** %

Online Assignments	25.00/25	Proctored Exam	67.5/75
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Total number of candidates certified in this course: 1031

A. Goswami

Jul-Sep 2019  
(8 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19ME74S11120915

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



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



Roll No: NPTEL19ME74S11120917

To  
NIVEDH DAS THAIKOOTTATHIL  
#19,4TH CROSS, 1ST MAIN, MARUTHINAGAR  
MADIWALA  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560068  
PH. NO :8123721747



Score	Type 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  
**NIVEDH DAS THAIKOOTTATHIL**  
for successfully completing the course  
**Robotics**

with a consolidated score of **81** %

Online Assignments	23.75/25	Proctored Exam	57/75
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Total number of candidates certified in this course: 1031

A. Goswami

Jul-Sep 2019  
(8 week course)

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



Indian Institute of Technology Kharagpur



Roll No: NPTEL19ME74S11120917

To validate and check scores: <https://nptel.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19CS67S61141906

To  
PRAKHAR MISHRA  
#20108, PRESTIGE SHANTINIKETAN, ITPL  
MAIN ROAD, HOODI  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560048  
PH. NO :9353021632



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**PRAKHAR MISHRA**  
for successfully completing the course  
**Discrete Mathematics**

with a consolidated score of **55** %

Online Assignments	25.00/25	Proctored Exam	30/75
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*Devendra Jalihal*

**Prof. Devendra Jalihal**  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **502**

**Jul-Oct 2019**  
(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: NPTEL19ME74S11120921

To  
SUCHETH SHENOY  
#62, 3RD MAIN, 5TH CROSS, SHREYAS  
COLONY,  
JP NAGAR 7TH PHASE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560078  
PH. NO :9483704980



Score	Type 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  
**SUCHETH SHENOY**  
for successfully completing the course  
**Robotics**

with a consolidated score of **96** %

Online Assignments	25.00/25	Proctored Exam	70.5/75
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Total number of candidates certified in this course: 1031

A. Goswami

Jul-Sep 2019  
(8 week course)

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19ME74S11120921

To validate and check scores: <https://nptel.ac.in/noc>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19ME74S11120927

To

ADVAIT P  
1B, KRYSTAL MEADOWS, 3556, 3RD CROSS  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560008  
PH. NO :8880469001



Score	Type 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  
**ADVAIT P**  
for successfully completing the course  
**Robotics**

with a consolidated score of **75** %

Online Assignments	22.08/25	Proctored Exam	52.5/75
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Total number of candidates certified in this course: 1031

A. Goswami

Jul-Sep 2019  
(8 week course)

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19ME74S11120927

To validate and check scores: <https://nptel.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19ME74S11120929

To

T CHETAN KUMAR REDDY  
ROOM NO C-221 NEW CAUVERY BLOCK RV  
COLLEGE OF ENGINEERING MYSURU ROAD  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560060  
PH. NO :7899119184



Score	Type 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  
**T CHETAN KUMAR REDDY**  
for successfully completing the course  
**Robotics**

with a consolidated score of **92** %

Online Assignments	24.17/25	Proctored Exam	67.5/75
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Total number of candidates certified in this course: 1031

A. Goswami

Jul-Sep 2019  
(8 week course)

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19ME74S11120929

To validate and check scores: <https://nptel.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19ME74S11120933

To  
KARTHICK K  
GURU MURTHY NILAYA, 12TH B CROSS ,  
SWARNANAGAR, ROBERTSON PET.  
K G F  
KOLAR  
KARNATAKA  
563121  
PH. NO :9591214845



Score	Type 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

**KARTHICK K**

for successfully completing the course

**Robotics**

with a consolidated score of **65** %

Online Assignments	24.17/25	Proctored Exam	40.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 1031

A. Goswami

Jul-Sep 2019  
(8 week course)

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19ME74S11120933

To validate and check scores: <https://nptel.ac.in/noc>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19ME74S11120935

To

G ABHISEKH

POCKET - L, QR. NO. 10/B MARODA SECTOR

BHILAI NAGAR

DURG

CHHATTISGARH

490006

PH. NO :9131327082



Score	Type 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

**G ABHISEKH**

for successfully completing the course

**Robotics**

with a consolidated score of **54** %

Online Assignments	23.75/25	Proctored Exam	30/75
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Total number of candidates certified in this course: 1031

*A. Goswami*

Jul-Sep 2019  
(8 week course)

**Prof. Adrijit Goswami**  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19ME74S11120935

To validate and check scores: <https://nptel.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19ME74S11120937

To

MADHU CHARAN.P  
#12 3RD CROSS SUMATHI NAGAR ROBERTSONPET  
KGF  
KOLAR  
KARNATAKA  
563122  
PH. NO :8317429331



Score	Type 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  
**MADHU CHARAN.P**  
for successfully completing the course

**Robotics**

with a consolidated score of **60** %

Online Assignments	24.17/25	Proctored Exam	35.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 1031

A. Goswami

Jul-Sep 2019  
(8 week course)

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19ME74S11120937

To validate and check scores: <https://nptel.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19ME74S11120939

To  
UTKARSH B  
C-231, NEW CAUVERY HOSTEL  
RV COLLEGE OF ENGINEERING MYSORE ROAD  
MAILASANDRA  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560059  
PH. NO :9676459049



Score	Type 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  
**UTKARSH B**  
for successfully completing the course  
**Robotics**

with a consolidated score of **78** %

Online Assignments	22.50/25	Proctored Exam	55.5/75
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Total number of candidates certified in this course: 1031

A. Goswami

Jul-Sep 2019  
(8 week course)

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19ME74S11120939

To validate and check scores: <https://nptel.ac.in/noc>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19ME74S11120945

To

ANJALI.S

#14/1, 5TH A CROSS, SUBANNA GARDEN,

VIJAYANAGAR, BANGALORE-40

BANGALORE

BANGALORE URBAN DISTRICT

KARNATAKA

560040

PH. NO :7899962442



Score	Type 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

**ANJALI.S**

for successfully completing the course

**Robotics**

with a consolidated score of **69** %

Online Assignments	21.25/25	Proctored Exam	48/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 1031

A. Goswami

Jul-Sep 2019  
(8 week course)

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19ME74S11120945

To validate and check scores: <https://nptel.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19ME74S11120949

To  
AKEPATI LOKESHWAR REDDY  
ROOM NO 135 ,NEW CAUVERY  
Kengeri  
BANGALORE RURAL DISTRICT  
KARNATAKA  
560059  
PH. NO :7019422544



Score	Type 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  
**AKEPATI LOKESHWAR REDDY**  
for successfully completing the course  
**Robotics**

with a consolidated score of **65** %

Online Assignments	24.17/25	Proctored Exam	40.5/75
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Total number of candidates certified in this course: 1031

A. Goswami

Jul-Sep 2019  
(8 week course)

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19ME74S11120949

To validate and check scores: <https://nptel.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19ME74S11120953

To  
KALMESH NAGANOOR  
ROOM NO : C-228, NEW CAUVERY HOSTEL,  
RVCE, BANGALORE  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560059  
PH. NO :8548011050



Score	Type 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  
**KALMESH NAGANOOR**  
for successfully completing the course  
**Robotics**

with a consolidated score of **92** %

Online Assignments	24.17/25	Proctored Exam	67.5/75
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Total number of candidates certified in this course: 1035

A. Goswami

Jul-Sep 2019  
(8 week course)

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19ME74S11120953

To validate and check scores: <https://nptel.ac.in/noc>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19ME74S11120955

To  
SACHIN BADIGER  
ROOM NO C-228, NEW CAUVERY HOSTEL, RVCE,  
BANGALORE.  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560059  
PH. NO :9148295509



Score	Type 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  
**SACHIN BADIGER**  
for successfully completing the course  
**Robotics**



with a consolidated score of **97** %

Online Assignments	24.58/25	Proctored Exam	72/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 1031

A. Goswami

Jul-Sep 2019  
(8 week course)

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19ME74S11120955

To validate and check scores: <https://nptel.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19ME74S11120959

To

R PRANAV KRISHNA  
G 204, MANTRI TRANQUIL, GUBBALALA GATE,  
OFF KANAKAPURA ROAD,  
KANAKAPURA ROAD  
BANGALORE RURAL DISTRICT  
KARNATAKA  
560061  
PH. NO : 7259615633



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**R PRANAV KRISHNA**  
for successfully completing the course

**Robotics**

with a consolidated score of **60** %

Online Assignments	20.42/25	Proctored Exam	40/75
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Total number of candidates certified in this course: 1031

A. Goswami

Jul-Sep 2019  
(8 week course)

**Prof. Adrijit Goswami**  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19ME74S11120959

To validate and check scores: <https://nptel.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19ME74S11120963

To  
KIRAT SINGH CHAWLA  
C-105, NEW CAUVERY HOSTEL, RVCE  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560059  
PH. NO :7589219695



Score	Type 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  
**KIRAT SINGH CHAWLA**  
for successfully completing the course  
**Robotics**

with a consolidated score of **61** %

Online Assignments	23.75/25	Proctored Exam	37.5/75
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Total number of candidates certified in this course: 1031

A. Goswami

Jul-Sep 2019  
(8 week course)

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19ME74S11120963

To validate and check scores: <https://nptel.ac.in/noc>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19ME74S21120879

To  
MD ARIF  
4/95 BHIMNAGAR  
HUDA B  
GULBARGA  
KARNATAKA  
585292  
PH. NO :9019784193



Score	Type 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  
**MD ARIF**  
for successfully completing the course  
**Robotics**

with a consolidated score of **76** %

Online Assignments	23.33/25	Proctored Exam	52.5/75
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Total number of candidates certified in this course: 1031

A. Goswami

Jul-Sep 2019  
(8 week course)

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19ME74S21120879

To validate and check scores: <https://nptel.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19ME74S21120887

To

NAGRALE KAUSHIL SUNIL  
PLOT 10 RATNADEEP SAGARMAL JAGRUTI NAGAR  
KOLHAPUR MAHARASHTRA  
KOLHAPUR  
MAHARASHTRA  
416008  
PH. NO :7774970502



Score	Type 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  
**NAGRALE KAUSHIL SUNIL**  
for successfully completing the course  
**Robotics**

with a consolidated score of **63** %

Online Assignments	24.17/25	Proctored Exam	39/75
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Total number of candidates certified in this course: 1031

A. Goswami

Jul-Sep 2019  
(8 week course)

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19ME74S21120887

To validate and check scores: <https://nptel.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19ME74S21120889

To  
ABHISHEK.G.K  
MAIN BAZAR, 7TH WARD  
SANDUR  
BELLARY  
KARNATAKA  
583119  
PH. NO :8431004423



Score	Type 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  
**ABHISHEK.G.K**  
for successfully completing the course  
**Robotics**

with a consolidated score of **94** %

Online Assignments	23.75/25	Proctored Exam	70.5/75
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Total number of candidates certified in this course: 1031

A. Goswami

Jul-Sep 2019  
(8 week course)

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19ME74S21120889

To validate and check scores: <https://nptel.ac.in/noc>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19ME74S21120891

To  
SHRINIVASA K R  
#100,4TH CROSS 3RD MAIN MANJUNATHANAGARA  
RAJAJINAGARA  
BENGALURU  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560010  
PH. NO :9071679294



Score	Type 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  
**SHRINIVASA K R**  
for successfully completing the course  
**Robotics**

with a consolidated score of **60** %

Online Assignments	22.92/25	Proctored Exam	37.5/75
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Total number of candidates certified in this course: 1031

A. Goswami

Jul-Sep 2019  
(8 week course)

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19ME74S21120891

To validate and check scores: <https://nptel.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19ME74S21120893

To  
S.P.VEDHANAYAGAM  
#13, 8TH CROSS  
MAGADI ROAD  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560023  
PH. NO :8296113203



Score	Type 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  
**S.P.VEDHANAYAGAM**  
for successfully completing the course  
**Robotics**

with a consolidated score of **63** %

Online Assignments	19.58/25	Proctored Exam	43.5/75
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Total number of candidates certified in this course: 1031

A. Goswami

Jul-Sep 2019  
(8 week course)

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19ME74S21120893

To validate and check scores: <https://nptel.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19ME74S21120895

To  
SHREYAS J SANIL  
CAUVERY HOSTEL, ROOM NO : C-222  
RV COLLEGE OF ENGINEERING,  
MYSURU ROAD  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560059  
PH. NO :9945737022



Score	Type 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  
**SHREYAS J SANIL**  
for successfully completing the course  
**Robotics**

with a consolidated score of **54** %

Online Assignments	15.00/25	Proctored Exam	39/75
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Total number of candidates certified in this course: 1031

*A. Goswami*

Jul-Sep 2019  
(8 week course)

**Prof. Adrijit Goswami**  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19ME74S21120895

To validate and check scores: <https://nptel.ac.in/noc>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19ME74S21120897

To  
NIRANJAN R PATEL  
JAYNAGAR, 2ND BLOCK  
HASSAN  
HASSAN  
KARNATAKA  
573202  
PH. NO : 8123177606



Score	Type 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  
**NIRANJAN R PATEL**  
for successfully completing the course  
**Robotics**



with a consolidated score of **86** %

Online Assignments	22.92/25	Proctored Exam	63/75
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Total number of candidates certified in this course: 1031

A. Goswami

Jul-Sep 2019  
(8 week course)

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19ME74S21120897

To validate and check scores: <https://nptel.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19ME78S11121022

To  
PARAASHARA JOIS K P  
#314, FIRST FLOOR, 2ND STAGE, WOC  
MAHALAKSHMIPURA  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560086  
PH. NO :9482433672



Score	Type 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  
**PARAASHARA JOIS K P**  
for successfully completing the course  
**Manufacturing Automation**

with a consolidated score of **86** %

Online Assignments	21.42/25	Proctored Exam	64.5/75
--------------------	----------	----------------	---------

**Prof. Rajesh M. Hegde**  
Chairman, Centre for Continuing Education  
IIT Kanpur

Total number of candidates certified in this course: 890

**Jul-Aug 2019**  
**(4 week course)**

**Prof. Satyaki Roy**  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL19ME78S11121022

To validate and check scores: <https://nptel.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19ME78S11121032

To  
HIMANSHU SAHNI  
B7 OLD PAPERMILL COLONY, BILT, BALLARPUR  
BALLARPUR  
CHANDRAPUR  
MAHARASHTRA  
442701  
PH. NO :8660425372



Score	Type 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  
**HIMANSHU SAHNI**  
for successfully completing the course  
**Manufacturing Automation**

with a consolidated score of **85** %

Online Assignments	20.75/25	Proctored Exam	64.5/75
--------------------	----------	----------------	---------

**Prof. Rajesh M. Hegde**  
Chairman, Centre for Continuing Education  
IIT Kanpur

Total number of candidates certified in this course: 890

**Jul-Aug 2019**  
**(4 week course)**

**Prof. Satyaki Roy**  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL19ME78S11121032

To validate and check scores: <https://nptel.ac.in/noc>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19MG37S21121115

To  
SUDHANVA JOSHI  
L2/09 JSW TOWNSHIP VIDYANAGAR  
TORANAGALLU BELLARY 583275  
KARNATAKA  
TORANAGALLU  
BELLARY  
KARNATAKA  
583275  
PH. NO :7259301406



Score	Type 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  
**SUDHANVA JOSHI**  
for successfully completing the course  
**Financial Accounting**

with a consolidated score of **75** %

Online Assignments	19.00/25	Proctored Exam	56.11/75
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Total number of candidates certified in this course: 510

Jul-Sep 2019  
(8 week course)

**Prof. Sridhar Iyer**  
Head, CDEEP & NPTEL Coordinator  
IIT Bombay



Indian Institute of Technology Bombay



Roll No: NPTEL19MG37S21121115

To validate and check scores: <https://nptel.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19MG60S21121102

To  
KUSHAL S L  
NO.4 SRI KRUPA  
SAI SANKALPA RESIDENTIAL LAYOUT  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560043  
PH. NO :9110478798



Score	Type 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

**KUSHAL S L**

for successfully completing the course

**Design Thinking - A Primer**

with a consolidated score of **82** %

Online Assignments	22.58/25	Proctored Exam	59.82/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

**Prof. Devendra Jalihal**  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **503**

**Jul-Aug 2019**  
**(4 week course)**

*Prof. Andrew Thangaraj*

**Prof. Andrew Thangaraj**  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19MG60S21121102

To validate and check scores: <https://nptel.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL19MM13S41141606

To  
DEEPAK MUDAKAVI  
212, COLIVE GLORY,  
GREEN GLEN LAYOUT,  
BELLANDUR,  
BENGALURU  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560103  
PH. NO :8105430231



Score	Type 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

**DEEPAK MUDAKAVI**

for successfully completing the course

## Advanced Materials and Processes

with a consolidated score of **66** %

Online Assignments	21.41/25	Proctored Exam	44.12/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 123

A. Goswami

Jul-Oct 2019  
(12 week course)

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MM13S41141606

To validate and check scores: <https://nptel.ac.in/noc>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL19MM13S31141244

To  
THEJAS T.S  
#767,3RD CROSS,NORTH BLOCK,UPKAR  
LAYOUT,VISWANEEDAM POST  
BENGALURU  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560091  
PH. NO :6361969106



Score	Type 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

**THEJAS T.S**

for successfully completing the course

## Advanced Materials and Processes

with a consolidated score of **54** %

Online Assignments	19.84/25	Proctored Exam	34.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 123

*A. Goswami*

Jul-Oct 2019  
(12 week course)

**Prof. Adrijit Goswami**  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MM13S31141244

To validate and check scores: <https://nptel.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL19MM13S41141137

To  
NAVEED IQBAL ANSARI  
H.NO-11-1041/124/127 OPPOSITE TAYYABA  
MASJID, 2ND CROSS MISBHA NAGAR, MSK MILL  
RIN  
GULBARGA  
KARNATAKA  
585103  
PH. NO : 7259382524



Score	Type 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

**NAVEED IQBAL ANSARI**

for successfully completing the course

## Advanced Materials and Processes

with a consolidated score of **60** %

Online Assignments	16.25/25	Proctored Exam	43.25/75
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Total number of candidates certified in this course: 123

A. Goswami

Jul-Oct 2019  
(12 week course)

**Prof. Adrijit Goswami**  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MM13S41141137

To validate and check scores: <https://nptel.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL19MM13S31141572

To  
RAGHU KUMAR H.S.  
NO 630, JANANI, 15TH CROSS, NEAR B-BEST  
SCHOOL, CHOWDESHWARI NAGAR  
LAGGERE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560058  
PH. NO : 9900442405



Score	Type 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  
**RAGHU KUMAR H.S.**

for successfully completing the course

## Advanced Materials and Processes

with a consolidated score of **52** %

Online Assignments	18.75/25	Proctored Exam	33.38/75
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Total number of candidates certified in this course: 123

A. Goswami

Jul-Oct 2019  
(12 week course)

**Prof. Adrijit Goswami**  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MM13S31141572

To validate and check scores: <https://nptel.ac.in/noc>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19MM13S41141145

To  
RAGHAVENDRA TEJAS T  
#26 7TH MAIN MEENAKSHINAGAR,  
KAMAKSHIPALYA, BENGALURU 560079  
BENGALURU  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560079  
PH. NO :9740467799



Score	Type 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  
**RAGHAVENDRA TEJAS T**  
for successfully completing the course

## Advanced Materials and Processes

with a consolidated score of **55** %

Online Assignments	21.88/25	Proctored Exam	33.25/75
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Total number of candidates certified in this course: 123

*A. Goswami*

Jul-Oct 2019  
(12 week course)

**Prof. Adrijit Goswami**  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19MM13S41141145

To validate and check scores: <https://nptel.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL19MM21S11121049

To  
VARUN.S  
52/47, 3RD MAIN, LAKSHMISAGAR LAYOUT,  
MAHADEVAPURA POST.  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560048  
PH. NO :8884190793



Score	Type 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

**VARUN.S**

for successfully completing the course

**Nanotechnology, Science and Applications**

with a consolidated score of **92** %

Online Assignments	25.00/25	Proctored Exam	66.75/75
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*Devendra Jalihal*

**Prof. Devendra Jalihal**  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **189**

**Jul-Sep 2019**  
**(8 week course)**

*Prof. Andrew Thangaraj*

**Prof. Andrew Thangaraj**  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19MM21S11121049

To validate and check scores: <http://nptel.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL19MM21S11121051

To  
YASHASWINI  
#399/A 1ST STAGE 3RD PHASE WOC ROAD  
MANJUNATHNAGAR  
BENGALURU  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560010  
PH. NO :9686566399



Score	Type 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

**YASHASWINI**

for successfully completing the course

**Nanotechnology, Science and Applications**

with a consolidated score of **80** %

Online Assignments	22.92/25	Proctored Exam	57/75
--------------------	----------	----------------	-------

*Devendra Jalihal*

**Prof. Devendra Jalihal**  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **189**

**Jul-Sep 2019**  
**(8 week course)**

*Prof. Andrew Thangaraj*

**Prof. Andrew Thangaraj**  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19MM21S11121051

To validate and check scores: <http://nptel.ac.in/noc>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL19MM21S11121055

To  
SACHITH NAYAK  
#T7 HEXAGON SUBADRA APARTMENT  
SLV LAYOUT  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560039  
PH. NO :9380409371



Score	Type 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

**SACHITH NAYAK**

for successfully completing the course

## Nanotechnology, Science and Applications

with a consolidated score of **67** %

Online Assignments	23.75/25	Proctored Exam	43.13/75
--------------------	----------	----------------	----------

*Devendra Jalihal*

**Prof. Devendra Jalihal**  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **189**

**Jul-Sep 2019**  
**(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: NPTEL19MM21S11121059

To  
KARTHIK B  
3123,RATHNA CONDIMENTS, ATTIGUPPE,  
VIJAYNAGAR  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560040  
PH. NO :8296027460



Score	Type 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

**KARTHIK B**

for successfully completing the course

## Nanotechnology, Science and Applications

with a consolidated score of **73** %

Online Assignments	23.75/25	Proctored Exam	49.5/75
--------------------	----------	----------------	---------

*Devendra Jalihal*

**Prof. Devendra Jalihal**  
Chairman  
Centre for Continuing Education, IITM

Total number of candidates certified in this course: **189**

**Jul-Sep 2019**  
**(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: NPTEL19ME74S11120919

To

SARTHAK GUPTA  
C-306 D S MAX SUPREME UTTARAHALLI MAIN  
ROAD  
Kengeri  
BANGALORE RURAL DISTRICT  
KARNATAKA  
560060  
PH. NO :7988951253



Score	Type 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  
**SARTHAK GUPTA**  
for successfully completing the course  
**Robotics**

with a consolidated score of **72** %

Online Assignments	23.75/25	Proctored Exam	48/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 1031

A. Goswami

Jul-Sep 2019  
(8 week course)

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



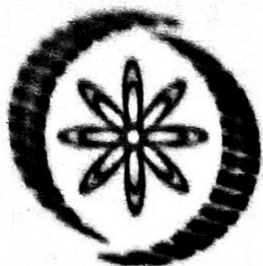
Indian Institute of Technology Kharagpur



Roll No: NPTEL19ME74S11120919

To validate and check scores: <https://nptel.ac.in/noc>





# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ANISH KESHA**

for successfully completing the course

## Basic Linear Algebra

with a consolidated score of **49** %

Online Assignments	9.88/25	Proctored Exam	39/75
--------------------	---------	----------------	-------

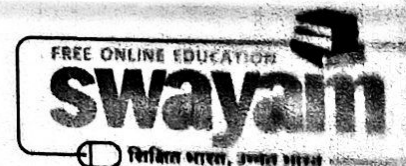
Total number of candidates certified in this course: **676**

Prof. Sridhar Iyer  
Head CDEEP & NPTEL Coordinator  
IIT Bombay

Jan-Mar 2019  
(8 week course)



Indian Institute of Technology Bombay



Roll No: NPTEL19MA06S11120244

To validate and check scores: <http://nptel.ac.in/noc>



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SHAHISTA KOUSAR**

for successfully completing the course

**Basic Linear Algebra**

with a consolidated score of **45** %

Online Assignments	17.71/25	Proctored Exam	27/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 676

Prof. Sridhar Iyer  
Head CDEEP & NPTEL Coordinator  
IIT Bombay

Jan-Mar 2019  
(8 week course)



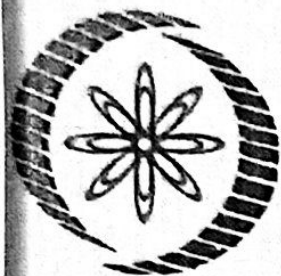
Indian Institute of Technology Bombay



Roll No: NPTEL19MA05S21120645

To validate and check scores: <http://nptel.ac.in/noc>





# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**HAMSA G**

for successfully completing the course

## Basic Linear Algebra

with a consolidated score of **46** %

Online Assignments	14.04/25	Proctored Exam	31.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **676**

Prof. Sridhar Iyer  
CDEEP & NPTEL Coordinator  
IIT Bombay

Jan-Mar 2019  
(8 week course)



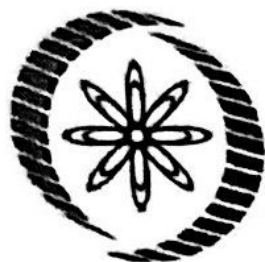
Indian Institute of Technology Bombay



Roll No: NPTEL19MA06S21120653

To validate and check scores: <http://nptel.ac.in/no>





# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**PRIYANKA VINAYAKA BHANDARI**

for successfully completing the course

**Basic Linear Algebra**

with a consolidated score of **55** %

Online Assignments	20.50/25	Proctored Exam	34.5/75
--------------------	----------	----------------	---------

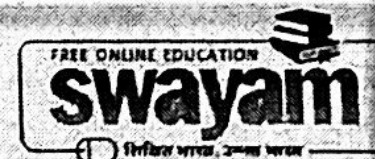
Total number of candidates certified in this course: 676

Prof. Sridhar Iyer  
Head CDEEP & NPTEL Coordinator  
IIT Bombay

Jan-Mar 2019  
(8 week course)



Indian Institute of Technology Bombay



Roll No: NPTEL19MA06S11120516

To validate and check scores: <http://nptel.ac.in/no>



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**GEETHANJALI S**

for successfully completing the course

## Basic Linear Algebra

with a consolidated score of **40** %

Online Assignments	15.46/25	Proctored Exam	25/75
--------------------	----------	----------------	-------

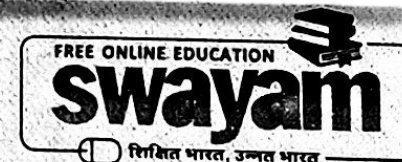
Total number of candidates certified in this course: **676**

Prof. Sridhar Iyer  
Head CDEEP & NPTEL Coordinator  
IIT Bombay

Jan-Mar 2019  
(8 week course)



Indian Institute of Technology Bombay



Roll No: NPTEL19MA06S11120506

To validate and check scores: <http://nptel.ac.in/noc>



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**LAVANYA S**

for successfully completing the course

## Basic Linear Algebra

with a consolidated score of **48** %

Online Assignments	14.88/25	Proctored Exam	33/75
--------------------	----------	----------------	-------

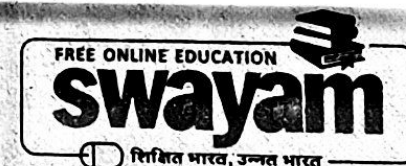
Total number of candidates certified in this course: **676**

Prof. Sridhar Iyer  
Head CDEEP & NPTEL Coordinator  
IIT Bombay

Jan-Mar 2019  
(8 week course)



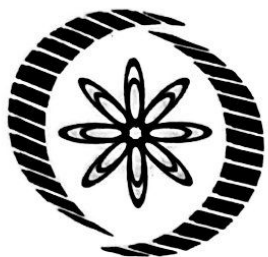
Indian Institute of Technology Bombay



Roll No: NPTEL19MA06S21120677

To validate and check scores: <http://nptel.ac.in/noc>





# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SHAHISTA KOUSAR**  
for successfully completing the course

## Basic Linear Algebra

with a consolidated score of **45** %

Online Assignments	17.71/25	Proctored Exam	27/75
--------------------	----------	----------------	-------

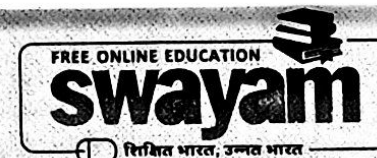
Total number of candidates certified in this course: **676**

Prof. Sridhar Iyer  
Head CDEEP & NPTEL Coordinator  
IIT Bombay

Jan-Mar 2019  
(8 week course)



Indian Institute of Technology Bombay



To validate and check scores: <http://npTEL.ac.in/noc>



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



*This certificate is awarded to*

**PRIYANKA VINAYAKA BHANDARI**

*for successfully completing the course*

## Basic Linear Algebra

with a consolidated score of **55** %

Online Assignments	20.50/25	Proctored Exam	34.5/75
--------------------	----------	----------------	---------

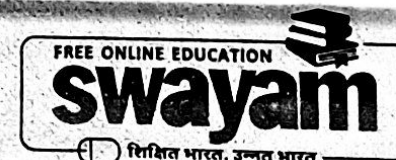
Total number of candidates certified in this course: **676**

Prof. Sridhar Iyer  
Head CDEEP & NPTEL Coordinator  
IIT Bombay

**Jan-Mar 2019**  
**(8 week course)**



Indian Institute of Technology Bombay



Roll No: NPTEL19MA06S11120516

To validate and check scores: <http://npTEL.ac.in/noc>



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**NAYANA V**

for successfully completing the course

## Basic Linear Algebra

with a consolidated score of **52** %

Online Assignments	17.29/25	Proctored Exam	34.5/75
--------------------	----------	----------------	---------

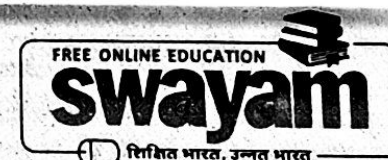
Total number of candidates certified in this course: 676

Prof. Sridhar Iyer  
Head CDEEP & NPTEL Coordinator  
IIT Bombay

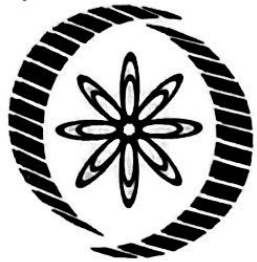
Jan-Mar 2019  
(8 week course)



Indian Institute of Technology Bombay







# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**HAMSA G**

for successfully completing the course

## Basic Linear Algebra

with a consolidated score of **46** %

Online Assignments	14.04/25	Proctored Exam	31.5/75
--------------------	----------	----------------	---------

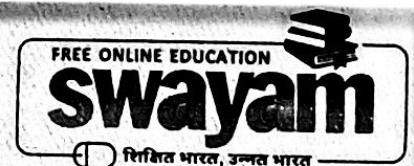
Total number of candidates certified in this course: **676**

Prof. Sridhar Iyer  
Head CDEEP & NPTEL Coordinator  
IIT Bombay

Jan-Mar 2019  
(8 week course)

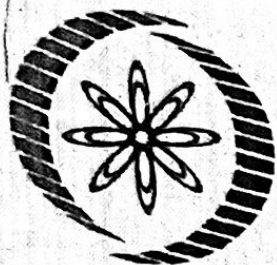


Indian Institute of Technology Bombay



Roll No: NPTEL19MA06S21120653

To validate and check scores: <http://nptel.ac.in/nc>



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SHAHISTA KOUSAR**  
for successfully completing the course

## Basic Linear Algebra

with a consolidated score of **45** %

Online Assignments	17.71/25	Proctored Exam	27/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **676**

Prof. Sridhar Iyer  
Head CDEEP & NPTEL Coordinator  
IIT Bombay

Jan-Mar 2019  
(8 week course)



Indian Institute of Technology Bombay



Roll No: NPTEL19MA06S21120645

To validate and check scores: <http://nptel.ac.in/noc>



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SABIT AUTI**

for successfully completing the course

## Basic Linear Algebra

with a consolidated score of **54** %

Online Assignments	7.92/25	Proctored Exam	46.5/75
--------------------	---------	----------------	---------

Total number of candidates certified in this course: **676**

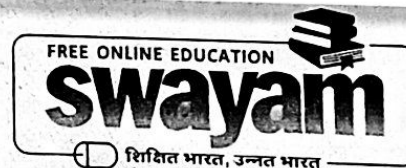
Prof. Sridhar Iyer  
Head CDEEP & NPTEL Coordinator  
IIT Bombay

Jan-Mar 2019  
(8 week course)



Indian Institute of Technology Bombay

Roll No: NPTEL19MA06S11120200







Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



*This certificate is awarded to*

**PRAGNA G SHASTRY**

*for successfully completing the course*

## Biomedical Signal Processing

*with a consolidated score of* **71** %

Online Assignments	21.28/25	Proctored Exam	49.25/75
--------------------	----------	----------------	----------

*Total number of candidates certified in this course:* **162**

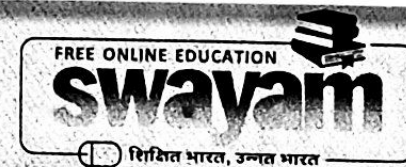
**Jan-Apr 2019**  
**(12 week course)**

**A. Goswami**

**Prof. Adrijit Goswami**  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur

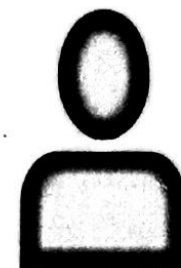




Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**RAHUL N**

for successfully completing the course

## Biomedical Signal Processing

with a consolidated score of **75** %

Online Assignments	21.06/25	Proctored Exam	53.49/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 162

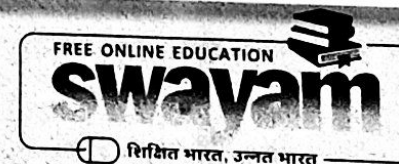
Jan-Apr 2019  
(12 week course)

A. Goswami

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19EE23S31160194

To validate and check scores visit: [www.nptel.ac.in](http://www.nptel.ac.in)

Roll No: NPTEL19EE51S41140712

To  
M SRINATH  
S01,THIRD FLOOR,KRISHNA KUTEERA  
CHURCH STREET,NEW THIPPASANDRA  
BENGALURU  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560075  
PH.NO:8754456479

Score	Type 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

**M SRINATH**

for successfully completing the course

**Digital Circuits**



with a consolidated score of **75** %

Online Assignments	24.16/25	Proctored Exam	51/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 2864

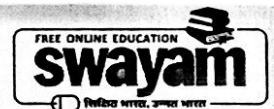
**A. Goswami**

Jul-Oct 2019  
(12 week course)

**Prof. Adrijit Goswami**  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19EE51S41140712

To validate and check scores: <https://npTEL.ac.in/noc>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://npTEL.ac.in/noc/>



Roll No: NPTEL19EE51S41140744

To  
KAUSHIK SENGUPTA  
#39, KABINI APARTMENTS (F-1), 19TH B  
MAIN, 1ST N BLOCK, RAJAJINAGAR  
BANGALORE-10  
BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560010  
PH. NO :9481576338



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=80	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**KAUSHIK SENGUPTA**  
for successfully completing the course  
**Digital Circuits**

with a consolidated score of **75** %

Online Assignments	24.34/25	Proctored Exam	51/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 2864

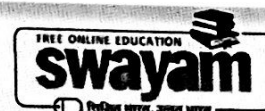
Jul-Oct 2019  
(12 week course)

A. Goswami

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19EE51S41140744

To validate and check scores: <https://npTEL.ac.in/noc/>



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ANISH KESHA**

for successfully completing the course

**Digital Circuits**

with a consolidated score of **66** %

Online Assignments	17.72/25	Proctored Exam	48/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **2864**

**A. Goswami**

**Prof. Adrijit Goswami**

Dean, Continuing Education & NPTEL Coord  
IIT Kharagpur

**Jul-Oct 2019**

**(12 week course)**



Indian Institute of Technology Kharagpur



oll No: NPTEL19EE51S41140708

To validate and check scores: <https://nptel.ac.in/>



Roll No: NPTEL19EE09S41160304

To  
R V COLLEGE OF ENGINEERING  
BENGALURU

484/239



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL:3



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**DINESH KUMAR G**  
for successfully completing the course

## Digital Electronic Circuits

with a consolidated score of **40** %

Online Assignments	20.5/25	Proctored Exam	19.5/75
--------------------	---------	----------------	---------

Total number of candidates certified in this course: 922

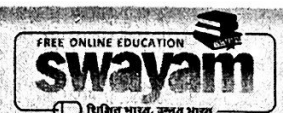
Jan-Apr 2019  
(12 week course)

A. Goswami

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19EE09S41160304

To validate and check scores: <http://nptel.ac.in/noc>





# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**RAGHAV RAWAT**

for successfully completing the course

## Discrete Mathematics

with a consolidated score of **54** %

Online Assignments	18.09/25	Proctored Exam	36/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **404**

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Apr 2019  
(12 week course)

Prof. Andrew Thangaraj

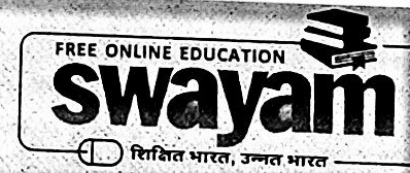
NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras

\* Roll No: NPTEL19CS05S31160345





Roll No: NPTEL19CS22S21120745

To  
R V COLLEGE OF ENGINEERING  
BENGALURU

410/239



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

Elite



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**U. NAGARAJA SEKHAR**  
for successfully completing the course

## Embedded System Design with ARM

with a consolidated score of **94** %

Online Assignments	23.71/25	Proctored Exam	70/75
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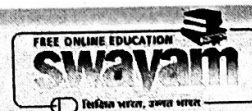
Total number of candidates certified in this course: 956

Jan-Mar 2019  
(8 week course)

**A. Goswami**  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CS22S21120745

To validate and check scores: <http://nptel.ac.in/noc>

Roll No: NPTEL19CS22S11120188

To  
R V COLLEGE OF ENGINEERING  
BENGALURU

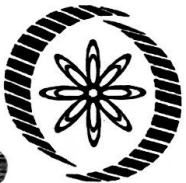
403/239



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL:2

Elite



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to

**RAKSHAK UDUPA T S**

for successfully completing the course



## Embedded System Design with ARM

with a consolidated score of **97 %**

Online Assignments	24.13/25	Proctored Exam	73/75
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Total number of candidates certified in this course: 956

Jan-Mar 2019  
(8 week course)

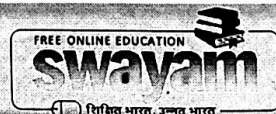
A. Goswami

Prof. Adrijit Goswami

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur





Roll No: NPTEL19CS22S11120286

To  
R V COLLEGE OF ENGINEERING  
BENGALURU

405/239



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2

Elite



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**NIKHIL CHANDRA B S**  
for successfully completing the course

## Embedded System Design with ARM

with a consolidated score of **92** %

Online Assignments	22.29/25	Proctored Exam	69.75/75
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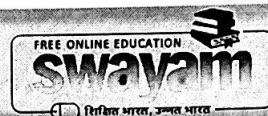
Total number of candidates certified in this course: 956

Jan-Mar 2019  
(8 week course)

A. Goswami  
Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur





**Elite**

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



*This certificate is awarded to*

**U. NAGARAJA SEKHAR**

*for successfully completing the course*

## Embedded System Design with ARM

*with a consolidated score of* **94** %

Online Assignments	23.71/25	Proctored Exam	70/75
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*Total number of candidates certified in this course:* **956**

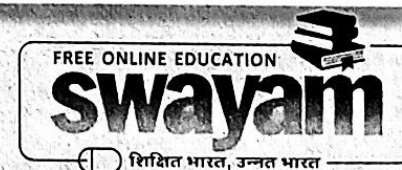
**Jan-Mar 2019**  
**(8 week course)**

**A. Goswami**

**Prof. Adrijit Goswami**  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur





Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**MAHESH BHAT K**

for successfully completing the course

## Embedded System Design with ARM

with a consolidated score of **81 %**

Online Assignments	22.50/25	Proctored Exam	58.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 956

Jan-Mar 2019  
(8 week course)

A. Goswami

Prof. Adrijit Goswami

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



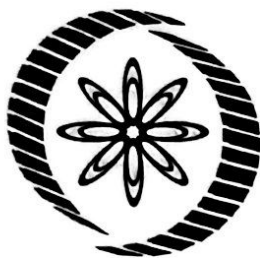
Indian Institute of Technology Kharagpur



Roll No: NPTEL19CS22S21120688

To validate and check scores: <http://nptel.ac.in/noc>





# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



*This certificate is awarded to*

**MOHAMMED ARSHAD ABRAR**

*for successfully completing the course*

## Fiber Optics

*with a consolidated score of* **57** %

Online Assignments	18.75/25	Proctored Exam	38.25/75
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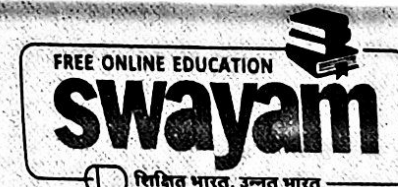
*Total number of candidates certified in this course: 177*

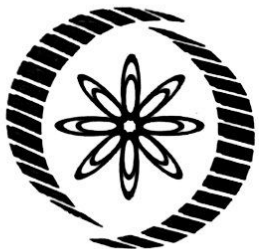
**Prof. B. K. Gandhi**  
Coordinator, Continuing Education Centre  
NPTEL Coordinator, IIT Roorkee

**Jan-Mar 2019**  
**(8 week course)**



Indian Institute of Technology Roorkee





# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



*This certificate is awarded to*

**KIRTHI**

*for successfully completing the course*

## Fiber Optics

with a consolidated score of **56** %

Online Assignments	22.50/25	Proctored Exam	33/75
--------------------	----------	----------------	-------

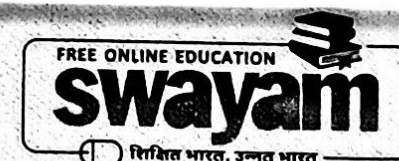
Total number of candidates certified in this course: **177**

Prof. B. K. Gandhi  
Coordinator, Continuing Education Centre  
NPTEL Coordinator, IIT Roorkee

**Jan-Mar 2019**  
**(8 week course)**



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: NPTEL19CS72S31141074**

**To**  
**GOLLAMUDI SAI SRIKAR**  
**T-05, SILVERWAVES ELEGANCE, BEHIND**  
**SHRUNGERI SHARADA MATT, KENGERI SATELLITE**  
**TOWN**  
**BENGALURU**  
**BANGALORE URBAN DISTRICT**  
**KARNATAKA**  
**560060**  
**PH. NO :8977480085**

Score	Type 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  
**GOLLAMUDI SAI SRIKAR**  
 for successfully completing the course  
**Hardware Modeling Using Verilog**



with a consolidated score of **86** %

Online Assignments	22.61/25	Proctored Exam	63/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 336

**A. Goswami**

**Prof. Adrijit Goswami**

Dean, Continuing Education & NPTEL Coordinator  
 IIT Kharagpur

**Aug-Oct 2019**  
**(8 week course)**



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CS72S31141074

To validate and check scores: <https://nptel.ac.in/noc/>





# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**PRABUDDH M**

for successfully completing the course

**MACHINE LEARNING, ML**

with a consolidated score of **48** %

Online Assignments	12.78/25	Proctored Exam	35.25/75
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Total number of candidates certified in this course: **1287**

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

**Feb-Apr 2019**  
**(8 week course)**

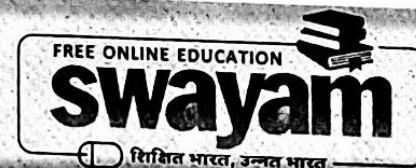
Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



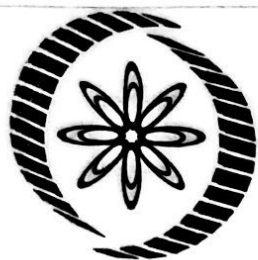
Indian Institute of Technology Madras



**MIELES**



Roll No: NPTEL19CS25661160076



LITE

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**VISHNUSAI REDDY TADIPARTHI**

for successfully completing the course

## Principles of Signals and Systems

with a consolidated score of **77 %**

Online Assignments	19.91/25	Proctored Exam	57/75
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Total number of candidates certified in this course: **2134**

*T V Prabhakar*

Prof. T. V. Prabhakar

Chairman

Centre for Continuing Education, IITK

Jan-Apr 2019  
(12 week course)

*Satyaki Roy*

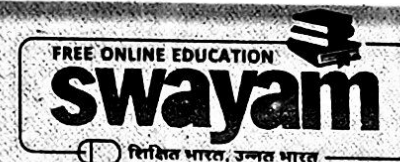
Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL19EE07S51160419

To validate and check scores: <http://nptel.ac.in/noc>

Elite



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**RAHUL RAJ D N**

for successfully completing the course

## Principles of Signals and Systems

with a consolidated score of **91 %**

Online Assignments	24.69/25	Proctored Exam	66/75
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Total number of candidates certified in this course: **2134**

*T V Prabhakar*

Prof. T. V. Prabhakar

Chairman

Centre for Continuing Education, IITK

**Jan-Apr 2019**  
**(12 week course)**

*Satyaki Roy*

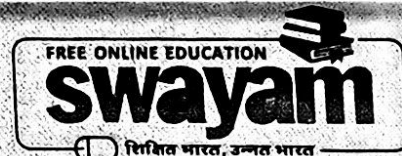
Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur







**Elite**

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**PURUSHOTTAM JOSHI**

for successfully completing the course

## Principles of Signals and Systems

with a consolidated score of **61** %

Online Assignments	23.41/25	Proctored Exam	37.5/75
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Total number of candidates certified in this course: 2134

*T V Prabhakar*

Prof. T. V. Prabhakar  
Chairman  
Centre for Continuing Education, IITK

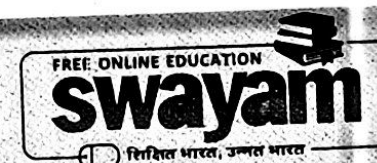
Jan-Apr 2019  
(12 week course)

*Satyaki Roy*

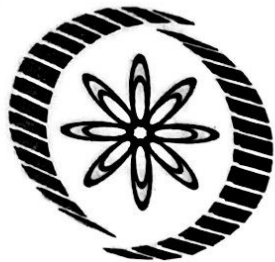
Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



To validate and check scores: <http://nptel.ac.in/noc>



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SANDUR ANITHA**

for successfully completing the course

## Principles of Signals and Systems

with a consolidated score of **40** %

Online Assignments	23.72/25	Proctored Exam	16.5/75
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Total number of candidates certified in this course: 2134

*T V Prabhakar*

Prof. T. V. Prabhakar

Chairman

Centre for Continuing Education, IITK

Jan-Apr 2019  
(12 week course)

*Satyaki Roy*

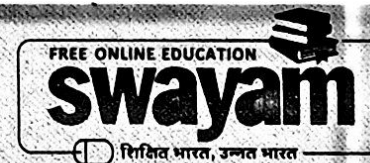
Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL19EE07S61160258

To validate and check scores: <http://nptel.ac.in/noc>



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**POORNIMA ASUTI**

for successfully completing the course

## Principles of Signals and Systems

with a consolidated score of **70** %

Online Assignments	23.75/25	Proctored Exam	46.5/75
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Total number of candidates certified in this course: 2134.

*T V Prabhakar*

Prof. T. V. Prabhakar

Chairman

Centre for Continuing Education, IITK

Jan-Apr 2019  
(12 week course)

*Satyaki Roy*

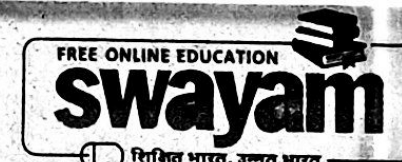
Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL19EE07S61160562

To validate and check scores: <http://nptel.ac.in>





# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



*This certificate is awarded to*

**PAWANA S**

*for successfully completing the course*

## Principles of Signals and Systems

*with a consolidated score of* **50** %

Online Assignments	24.38/25	Proctored Exam	25.5/75
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*Total number of candidates certified in this course:* **2134**

*T V Prabhakar*

**Prof. T. V. Prabhakar**

Chairman

Centre for Continuing Education, IITK

**Jan-Apr 2019**  
**(12 week course)**

*Satyaki Roy*

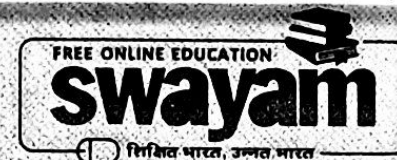
**Prof. Satyaki Roy**

NPTEL Coordinator

IIT Kanpur



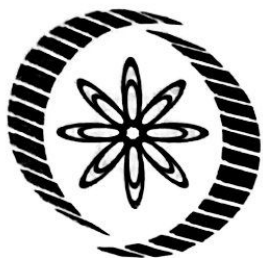
Indian Institute of Technology Kanpur



शिक्षित भारत, उन्नत भारत

Roll No: NPTEL19EE07S51160556

To validate and check scores: <http://nptel.ac.in/noc>



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**VINAY B**

for successfully completing the course

## Principles of Signals and Systems

with a consolidated score of **55** %

Online Assignments	22.16/25	Proctored Exam	33/75
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Total number of candidates certified in this course: **2134**

*T V Prabhakar*

Prof. T. V. Prabhakar

Chairman

Centre for Continuing Education, IITK

Jan-Apr 2019  
(12 week course)

*Satyaki Roy*

Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur





Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**VARSHA KULKARNI**

for successfully completing the course

## Principles of Signals and Systems

with a consolidated score of **66** %

Online Assignments	23.75/25	Proctored Exam	42/75
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Total number of candidates certified in this course: 2134

*T V Prabhakar*

Prof. T. V. Prabhakar

Chairman

Centre for Continuing Education, IITK

Jan-Apr 2019  
(12 week course)

*Satyaki Roy*

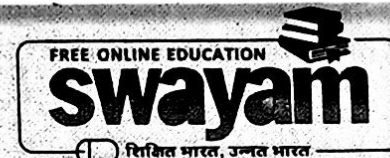
Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL19EE07S51160363

To validate and check scores: <http://nptel.ac.in/noc>





Roll No: NPTEL19EE07S61160270

To  
R V COLLEGE OF ENGINEERING  
BENGALURU

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate

484/239



No. of credits recommended by NPTEL:3

**Elite**



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**U. NAGARAJA SEKHAR**

for successfully completing the course



## Principles of Signals and Systems

with a consolidated score of **85 %**

Online Assignments	25.00/25	Proctored Exam	60/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 2134

*T V Prabhakar*

Prof. T. V. Prabhakar  
Chairman  
Centre for Continuing Education, IITK

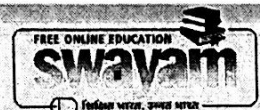
Jan-Apr 2019  
(12 week course)

*Satyaki Roy*

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL19EE07S61160270

To validate and check scores: <http://nptel.ac.in/noc>



Roll No: NPTEL19EE07S51160674

To  
R V COLLEGE OF ENGINEERING  
BENGALURU

484/239



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully completed the course
$< 40$	No Certificate

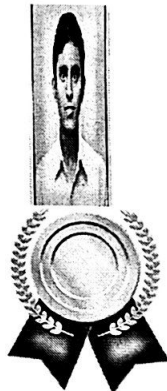
No. of credits recommended by NPTEL:3



# Elite<sup>®</sup> NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to  
**PRASANNASAI S HULIKATTI**  
for successfully completing the course



## Principles of Signals and Systems

with a consolidated score of **87 %**

Online Assignments	25.00/25	Proctored Exam	61.5/75
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Total number of candidates certified in this course: 2134

*T V Prabhakar*

Prof. T. V. Prabhakar  
Chairman

Centre for Continuing Education, IITK

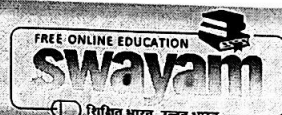
Jan-Apr 2019  
(12 week course)

*Satyaki Roy*

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur





Roll No: NPTEL19EE07S61160401

To

ANJANA MAHAVEER DAIGOND  
#10 NEW OMSAI RAM PG FOR GIRLS, BHEL LAY  
OUT  
PATTANGERE MAIN ROAD  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560059  
PH. NO :9731152442



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully completed the course
$< 40$	No Certificate

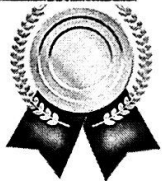
No. of credits recommended by NPTEL:3



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ANJANA MAHAVEER DAIGOND**

for successfully completing the course

## Principles of Signals and Systems

with a consolidated score of **77** %

Online Assignments	23.41/25	Proctored Exam	54/75
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Total number of candidates certified in this course: 2134

T V Prabhakar

Prof. T. V. Prabhakar  
Chairman  
Centre for Continuing Education, IITK

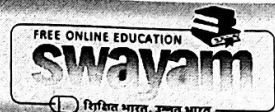
Jan-Apr 2019  
(12 week course)

Satyaki Roy

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur







Roll No: NPTEL19EE07S61160260

To  
R V COLLEGE OF ENGINEERING  
BENGALURU

484/239



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL:3

Elite



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**PRAKASH S. BHAT**  
for successfully completing the course



## Principles of Signals and Systems

with a consolidated score of **96 %**

Online Assignments	25.00/25	Proctored Exam	70.5/75
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Total number of candidates certified in this course: 2134

T V Prabhakar

Prof. T. V. Prabhakar  
Chairman  
Centre for Continuing Education, IITK

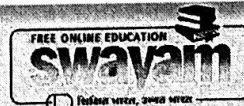
Jan-Apr 2019  
(12 week course)

Satyaki Roy

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL19EE07S61160260

To validate and check scores: <http://nptel.ac.in/noc>



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**DINDUKURTHI K SRAVANI**  
for successfully completing the course

## Principles of Signals and Systems

with a consolidated score of **77** %

Online Assignments	24.03/25	Proctored Exam	52.5/75
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Total number of candidates certified in this course: 2134

*T V Prabhakar*

Prof. T. V. Prabhakar  
Chairman  
Centre for Continuing Education, IITK

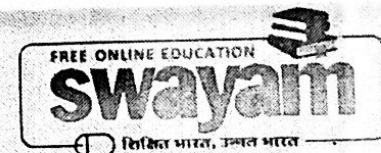
Jan-Apr 2019  
(12 week course)

*Satyaki Roy*

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL19EE07S61160621

To validate and check scores: <http://npTEL.ac.in/noc>

Roll No: NPTEL19EE07S51160632

To  
RV COLLEGE OF ENGINEERING  
BENGALURU

484/239



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully completed the course
$< 40$	No Certificate

No. of credits recommended by NPTEL:3

Elite



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to

**RAHUL RAJ D N**

for successfully completing the course



## Principles of Signals and Systems

with a consolidated score of **91** %

Online Assignments	24.69/25	Proctored Exam	66/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 2134

T V Prabhakar

Prof. T. V. Prabhakar

Chairman

Centre for Continuing Education, IITK

Jan-Apr 2019  
(12 week course)

Satyaki Roy

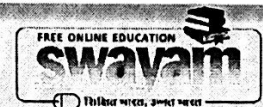
Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur

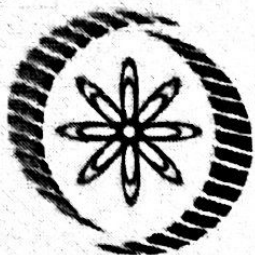


Roll No: NPTEL19EE07S51160632

To validate and check scores: <http://nptel.ac.in/noc>

Scanned by CamScanner





**Elite**

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**KEVIN MATHEW**

for successfully completing the course

## Principles of Signals and Systems

with a consolidated score of **71** %

Online Assignments	23.44/25	Proctored Exam	48/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 2134

*T. V. Prabhakar*

Prof. T. V. Prabhakar

Chairman

Centre for Continuing Education, IITK

Jan-Apr 2019  
(12 week course)

*Satyaki Roy*

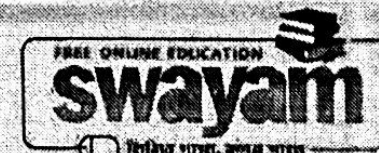
Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL19EE07S61160568

To validate and check scores: <http://nptel.ac.in/noc>

Elite



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**U. NAGARAJA SEKHAR**

for successfully completing the course

## Principles of Signals and Systems

with a consolidated score of **85 %**

Online Assignments	25.00/25	Proctored Exam	60/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 2134

*T V Prabhakar*

Prof. T. V. Prabhakar

Chairman

Centre for Continuing Education, IITK

Jan-Apr 2019

(12 week course)

*Satyaki Roy*

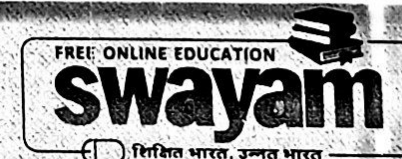
Prof. Satyaki Roy

NPTEL Coordinator

IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL19EE07S61160270

To validate and check scores: <http://nptel.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19CS40S21120505

To  
ANKITH KUMAR RATHORE B  
#23/1, 3RD CROSS, KASTURIBAINAGAR  
PALACE GUTTAHALLI  
BANGALORE URBAN DIST  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560003  
PH. NO: 7899432571



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL: 2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ANKITH KUMAR RATHORE B**  
for successfully completing the course

### Programming, Data Structures and Algorithms Using Python

with a consolidated score of **58** %

Online Assignments	24.13/25	Programming Exam	11/25	Proctored Exam	22.5/50
--------------------	----------	------------------	-------	----------------	---------

Total number of candidates certified in this course: 2779

*Devendra Jalihal*

**Prof. Devendra Jalihal**  
Chairman  
Centre for Continuing Education, IITM

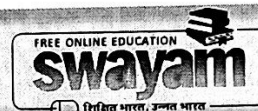
Jul-Sep 2019  
(8 week course)

*Prof. Andrew Thangaraj*

**Prof. Andrew Thangaraj**  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras







# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**M LIKHITA**

for successfully completing the course

## Programming, Data Structures and Algorithms Using Python

with a consolidated score of **51** %

Online Assignments	7.51/25	Proctored Exam	43.125/75
--------------------	---------	----------------	-----------

Total number of candidates certified in this course: **3813**

Prof. A. Ramesh  
Chairman

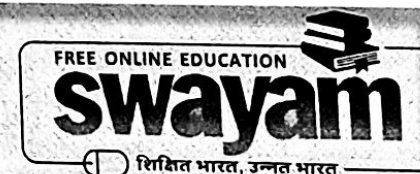
Centre for Continuing Education, IITM

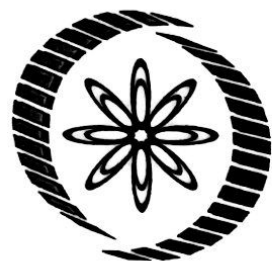
Jan-Mar 2019  
(8 week course)

Prof. Andrew Thangai  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras





Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**KESHAV KASLIWAL**

for successfully completing the course

**Programming, Data Structures and Algorithms**

**Using Python**

with a consolidated score of **63** %

Online Assignments	24/25	Proctored Exam	39.375/75
--------------------	-------	----------------	-----------

Total number of candidates certified in this course: **3813**

Prof. A. Ramesh

Chairman

Centre for Continuing Education, IITM

Jan-Mar 2019  
(8 week course)

Prof. Andrew Thang

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras

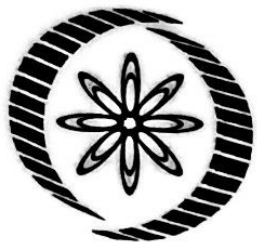
FREE ONLINE EDUCATION

**swayam**

शिक्षित भारत, उन्नत भारत

Roll No: NPTEL19CS08S11120093

To validate and check scores: <http://nptel.ac.in/no>



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SHREYA GP**

for successfully completing the course

**PROGRAMMING IN C++**

with a consolidated score of **50 %**

Online Assignments	19/25	Programming Exam	14.25/25	Proctored Exam	16.25/50
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Total number of candidates certified in this course: **2143**

**A. Goswami**

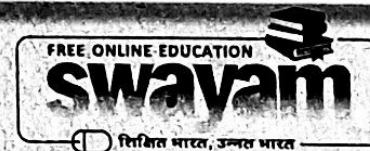
**Prof. Adrijit Goswami**

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur

Jan - Mar 2019  
(8 week course)



Roll No: NPTEL19CS10S11120378

To validate and check scores: <http://nptel.ac.in/noc>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19CS41S61141027

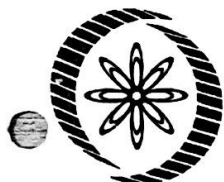
To  
GOLLAMUDI SAI SRIKAR  
T-05, SILVERWAVES ELEGANCE, BEHIND  
SHRUNGERI SHARADA MATT, KENGERI SATELLITE  
TOWN  
BENGALURU  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560060  
PH. NO : 8977480085



Score	Type 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

**GOLLAMUDI SAI SRIKAR**  
for successfully completing the course

## The Joy of Computing Using Python

with a consolidated score of **87** %

Online Assignments	24.5/25	Programming Exam	25/25	Proctored Exam	37/50
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Total number of candidates certified in this course: 8505

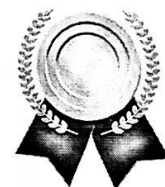
*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

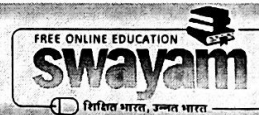
Jul-Oct 2019  
(12 week course)

*Prof. Andrew Thangaraj*

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: NPTEL19CS41S61141857

To  
USHA S R  
#46/10,3RD MAIN 8TH CROSS SRINIVAS  
NAGAR, BANGALORE- 85

BANGALORE  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560085  
PH. NO :9008852754



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully Completed
$< 40$	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to

**USHA S R**  
for successfully completing the course

## The Joy of Computing Using Python

with a consolidated score of **87** %

Online Assignments	24.25/25	Programming Exam	25/25	Proctored Exam	38/50
--------------------	----------	------------------	-------	----------------	-------

Total number of candidates certified in this course: 8505

*Devendra Jalihal*

Prof. Devendra Jalihal  
Chairman  
Centre for Continuing Education, IITM

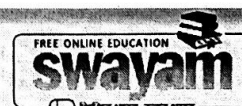
Jul-Oct 2019  
(12 week course)

*Thangaraj*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS41S61141857

To validate and check scores: <https://nptel.ac.in/noc/>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19CS41S61141027

To  
GOLLAMUDI SAI SRIKAR  
T-05, SILVERWAVES ELEGANCE, BEHIND  
SHRUNGERI SHARADA MATT, KENGERI SATELLITE  
TOWN  
BENGALURU  
BANGALORE URBAN DISTRICT  
KARNATAKA  
560060  
PH. NO : 8977480085



Score	Type 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

**GOLLAMUDI SAI SRIKAR**  
for successfully completing the course



## The Joy of Computing Using Python

with a consolidated score of **87** %

Online Assignments	24.5/25	Programming Exam	25/25	Proctored Exam	37/50
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Total number of candidates certified in this course: **8505**

*Devendra Jalihal*

**Prof. Devendra Jalihal**  
Chairman  
Centre for Continuing Education, IITM

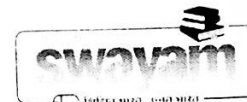
**Jul-Oct 2019**  
(12 week course)

*Prof. Andrew Thangaraj*

**Prof. Andrew Thangaraj**  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19CS41S61141027

To validate and check scores: <https://nptel.ac.in/noc/>



This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>



Roll No: NPTEL19CS62S21121093

To  
PRAJWAL S TELKAR  
#249, GAYATHRI NILAYA, 2B MAIN ROAD, 5TH  
CROSS, SYNDICATE BANK LAYOUT, HEROHALLI  
BANGLORE  
BANGLORE URBAN DISTRICT  
KARNATAKA  
560091  
PH. NO: 9972985281



Score	Type 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  
**PRAJWAL S TELKAR**  
for successfully completing the course

## Advanced Computer Architecture

with a consolidated score of **60** %

Online Assignments	18.75/25	Proctored Exam	41.25/75
--------------------	----------	----------------	----------

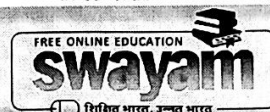
Total number of candidates certified in this course: 108

Jul-Sep 2019  
(8 week course)

  
**Prof. Hemant B Kaushik**  
Head, Centre for Educational Technology  
& NPTEL Coordinator  
IIT Guwahati



Indian Institute of Technology Guwahati





# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SHRIYA TATACHAR**

for successfully completing the course

**PROGRAMMING IN C++**

with a consolidated score of **53** %

Online Assignments	20.25/25	Programming Exam	14.25/25	Proctored Exam	18.75/50
--------------------	----------	------------------	----------	----------------	----------

Total number of candidates certified in this course: **2143**

*A. Goswami*

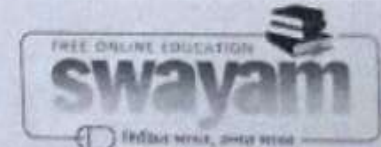
**Prof. Adrijit Goswami**

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur

Jan - Mar 2019  
(8 week course)



Roll No: NPTEL19CS10S11120357

To validate and check scores: <http://nptel.ac.in/noc>



>=10	>40	Successfully completed
>=23	>=60	Elite
>=33	>=75	Elite + Silver
>=43	>=90	Elite + Gold
* Both conditions have to be satisfied		

No. of credits recommended by NPTEL: 2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SHREYA DONTI**

for successfully completing the course

**PROGRAMMING IN C++**

with a consolidated score of **56 %**

Online Assignments	16.25/25	Programming Exam	14.25/25	Proctored Exam	25.63/50
--------------------	----------	------------------	----------	----------------	----------

Total number of candidates certified in this course: **2143**

*A. Goswami*

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur

Jan - Mar 2019  
(8 week course)



Roll No: NPTEL19CS10S21120641

To validate and check scores: <http://nptel.ac.in/noc>

2019-cs10/NPTEL19CS10S21120641191083276.jpg  
2019-cs10/NPTEL19CS10S21120641191083276.jpg



No. of credits recommended by NPTEL: 2



>=43  
\* Both conditions have to be satisfied



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**CHANDANA KIRAN**

for successfully completing the course

**PROGRAMMING IN C++**

with a consolidated score of **59 %**

Online Assignments	20/25	Programming Exam	17.75/25	Proctored Exam	21.25/50
--------------------	-------	------------------	----------	----------------	----------

Total number of candidates certified in this course: **2143**

*A. Goswami*

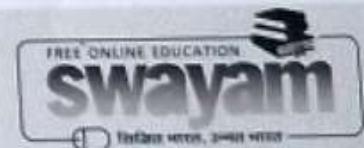
**Prof. Adrijit Goswami**

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur

Jan - Mar 2019  
(8 week course)



Roll No: NPTEL19CS10521120594

To validate and check scores: <http://nptel.ac.in/noc>

No. of credits recommended by NPTEL: 2



Proctored exam	Final score	Type of Certificate
$\geq 10$	$\geq 40$	Successfully completed
$\geq 23$	$\geq 60$	Elite
$\geq 33$	$\geq 75$	Elite + Silver
$\geq 43$	$\geq 90$	Elite + Gold
* Both conditions have to be satisfied		



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**SHWETHA R PRASANNA**

for successfully completing the course

**PROGRAMMING IN C++**

with a consolidated score of **61 %**

Online Assignments	21.5/25	Programming Exam	17.75/25	Proctored Exam	21.25/50
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Total number of candidates certified in this course: **2143**

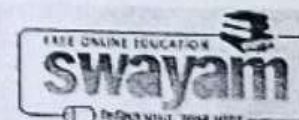
*A. Goswami*

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur

Jan - Mar 2019  
(8 week course)



Roll No: NPTEL19CS1051120287

To validate and check scores: <http://nptel.ac.in/noc>



No. of credits recommended by NPTEL: 2



Proctored exam	Final score	Type of Certificate
$\geq 10$	$> 40$	Successfully completed
$\geq 23$	$\geq 60$	Elite
$\geq 33$	$\geq 75$	Elite + Silver
$\geq 43$	$\geq 90$	Elite + Gold
* Both conditions have to be satisfied		



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ADITHI PRASAD**

for successfully completing the course

**PROGRAMMING IN C++**

with a consolidated score of **53 %**

Online Assignments	19.25/25	Programming Exam	17.75/25	Proctored Exam	15.63/50
--------------------	----------	------------------	----------	----------------	----------

Total number of candidates certified in this course: **2143**

*A. Goswami*

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur

Jan - Mar 2019  
(8 week course)



Roll No: NPTEL19CS10S21120712

To validate and check scores: <http://nptel.ac.in/noc>



No. of credits recommended by NPTEL: 2



Proctored exam	Final score	Type of Certificate
$\geq 10$	$\geq 40$	Successfully completed
$\geq 23$	$\geq 60$	Elite
$\geq 33$	$\geq 75$	Elite + Silver
$\geq 43$	$\geq 90$	Elite + Gold
* Both conditions have to be satisfied		



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**PRADHYUMNA P**

for successfully completing the course

**PROGRAMMING IN C++**

with a consolidated score of **65 %**

Online Assignments	21.75/25	Programming Exam	17.75/25	Proctored Exam	25/50
--------------------	----------	------------------	----------	----------------	-------

Total number of candidates certified in this course: **2143**

A. Goswami

Prof. Adrijit Goswami

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur

Jan - Mar 2019  
(8 week course)



Roll No: NPTEL19CS10S11120460

To validate and check scores: <http://nptel.ac.in/noc>

No. of credits recommended by NPTEL: 2



>=43

>=90

ENR + GOR

\* Both conditions have to be satisfied



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**NIRMAL JAIN C M**

for successfully completing the course

**PROGRAMMING IN C++**

with a consolidated score of **54 %**

Online Assignments	18.75/25	Programming Exam	14.25/25	Proctored Exam	21.25/50
--------------------	----------	------------------	----------	----------------	----------

Total number of candidates certified in this course: **2143**

*A. Goswami*

Prof. Adrijit Goswami

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur

Jan - Mar 2019  
(8 week course)



Roll No: NPTEL19CS10S11120109

To validate and check scores: <http://nptel.ac.in/noc>



No. of credits recommended by NPTEL: 2



Proctored exam	Final score	Type of Certificate
$\geq 10$	$\geq 40$	Successfully completed
$\geq 23$	$\geq 60$	Elite
$\geq 33$	$\geq 75$	Elite + Silver
$\geq 43$	$\geq 90$	Elite + Gold
* Both conditions have to be satisfied		



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**VELURI SAI TEJA**

for successfully completing the course

**PROGRAMMING IN C++**

with a consolidated score of **45 %**

Online Assignments	13.75/25	Programming Exam	14.25/25	Proctored Exam	16.88/50
--------------------	----------	------------------	----------	----------------	----------

Total number of candidates certified in this course: **2143**

*A. Goswami*

Prof. Adrijit Goswami

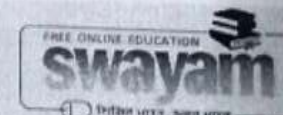
Dean

Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur

Jan - Mar 2019  
(8 week course)



Roll No: NPTEL19CS10S11120471

To validate and check scores: <http://nptel.ac.in/noc>



No. of credits recommended by NPTEL: 2



Proctored exam	Final score	Type of Certificate
$\geq 10$	$\geq 40$	Successfully completed
$\geq 23$	$\geq 50$	Elite
$\geq 33$	$\geq 75$	Elite + Silver
$\geq 43$	$\geq 90$	Elite + Gold
* Both conditions have to be satisfied		



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**PUTLUR SATYA NARAYANA REDDY**

for successfully completing the course

**PROGRAMMING IN C++**

with a consolidated score of **41** %

Online Assignments	12.5/25	Programming Exam	13.75/25	Proctored Exam	13.75/50
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Total number of candidates certified in this course: **2143**

A. Goswami  
Prof. Adrijit Goswami  
Dean  
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur

Jan - Mar 2019  
(8 week course)



Roll No: NPTEL19CS10S11120413

To validate and check scores: <http://nptel.ac.in/noc>

No. of credits recommended by NPTEL: 2



Proctored exam	Final score	Type of Certificate
$\geq 10$	$\geq 40$	Successfully completed
$\geq 23$	$\geq 60$	Elite
$\geq 33$	$\geq 75$	Elite + Silver
$\geq 43$	$\geq 90$	Elite + Gold
* Both conditions have to be satisfied		



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**NIKHIL KJ**

for successfully completing the course

**PROGRAMMING IN C++**

with a consolidated score of **70 %**

Online Assignments	24/25	Programming Exam	17.75/25	Proctored Exam	28.13/50
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Total number of candidates certified in this course: **2143**

**A. Goswami**

Prof. Adrijit Goswami

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur

Jan - Mar 2019  
(8 week course)



Roll No: NPTEL19CS10S11120449

To validate and check scores: <http://npTEL.ac.in/noc>





Proctored exam	Final score	Type of Certificate
$\geq 10$	$\geq 40$	Successfully completed
$\geq 23$	$\geq 60$	Elite
$\geq 33$	$\geq 75$	Elite + Silver
$\geq 43$	$\geq 90$	Elite + Gold
* Both conditions have to be satisfied		

No. of credits recommended by NPTEL: 2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**YATHISH**

for successfully completing the course

**PROGRAMMING IN C++**

with a consolidated score of **52 %**

Online Assignments	18.5/25	Programming Exam	14.25/25	Proctored Exam	19.38/50
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Total number of candidates certified in this course: **2143**

*A. Goswami*

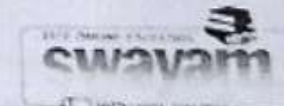
Prof. Adrijit Goswami

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur

Jan - Mar 2019  
(8 week course)



Roll No: NPTEL19CS10S21120700

To validate and check scores: <http://npTEL.ac.in/noc>



No. of credits recommended by NPTEL: 2



Proctored exam	Final score	Type of Certificate
$\geq 10$	$\geq 40$	Successfully completed
$\geq 23$	$\geq 60$	Elite
$\geq 33$	$\geq 75$	Elite + Silver
$\geq 43$	$\geq 90$	Elite + Gold
* Both conditions have to be satisfied		



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ADITI SESHADRI**

for successfully completing the course

**PROGRAMMING IN C++**

with a consolidated score of **43 %**

Online Assignments	5.75/25	Programming Exam	14.25/25	Proctored Exam	22.5/50
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Total number of candidates certified in this course: **2143**

*A. Goswami*

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur

Jan - Mar 2019  
(8 week course)

Roll No: NPTEL19CS10S11120503



To validate and check scores: <http://nptel.ac.in/noc>

No. of credits recommended by NPTEL: 2



>=23	>=60	Elite
>=33	>=75	Elite + Silver
>=43	>=90	Elite + Gold
* Both conditions have to be satisfied		



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ROHITH M**

for successfully completing the course

**PROGRAMMING IN C++**

with a consolidated score of **49 %**

Online Assignments	21.25/25	Programming Exam	14.25/25	Proctored Exam	13.75/50
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Total number of candidates certified in this course: **2143**

*A. Goswami*

Prof. Adrijit Goswami

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur

Jan - Mar 2019  
(8 week course)





No. of credits recommended by NPTEL:2

98/239



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully completed the course
$< 40$	No Certificate



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**AJEET SUNIL**

for successfully completing the course

## Basic Linear Algebra

with a consolidated score of **48** %

Online Assignments	10.58/25	Proctored Exam	37.5/75
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Total number of candidates certified in this course: **676**

Prof. Sridhar Iyer  
Head CDEEP & NPTEL Coordinator  
IIT Bombay

Jan-Mar 2019  
(8 week course)



Indian Institute of Technology Bombay



Roll No: NPTEL19MA06S21120474

To validate and check scores: <http://nptel.ac.in/noc>



No. of credits recommended by NPTEL: 2



Proctored exam	Final score	Type of Certificate
>=10	>=40	Successfully completed
>=23	>=60	Elite
>=33	>=75	Elite + Silver
>=43	>=90	Elite + Gold
* Both conditions have to be satisfied		



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**AJEET SUNIL**

for successfully completing the course

**PROGRAMMING IN C++**

with a consolidated score of **55 %**

Online Assignments	16.5/25	Programming Exam	14.25/25	Proctored Exam	23.75/50
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Total number of candidates certified in this course: **2143**

*A. Goswami*

Prof. Adrijit Goswami  
Dean  
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur

Jan - Mar 2019  
(8 week course)

Roll No: NPTEL19CS10S11120582



To validate and check scores: <http://nptel.ac.in/noc>

No. o

No. of credits recommended by NPTEL: 2



>=10	>40	Successfully completed
>=23	>=60	Elite
>=33	>=75	Elite + Silver
>=43	>=90	Elite + Gold
* Both conditions have to be satisfied		



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**G R NAMITA**

for successfully completing the course

## PROGRAMMING IN C++

with a consolidated score of **58** %

Online Assignments	16/25	Programming Exam	21.5/25	Proctored Exam	20/50
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Total number of candidates certified in this course: **2143**

*A. Goswami*

Prof. Adrijit Goswami

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur

Jan - Mar 2019  
(8 week course)



Roll No: NPTEL19CS10S11120325

To validate and check scores: <http://nptel.ac.in/noc>



No. of credits recommended by NPTEL: 2



Proctored exam	Final score	Type of Certificate
$\geq 10$	$> 40$	Successfully completed
$\geq 23$	$\geq 60$	Elite
$\geq 33$	$\geq 75$	Elite + Silver
$\geq 43$	$\geq 90$	Elite + Gold
* Both conditions have to be satisfied		



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**UMESH PARAMESHWAR NAIK**

for successfully completing the course

**PROGRAMMING IN C++**

with a consolidated score of **52 %**

Online Assignments	20.5/25	Programming Exam	14.25/25	Proctored Exam	17.5/50
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Total number of candidates certified in this course: **2143**

*A. Goswami*

**Prof. Adrijit Goswami**

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur

Jan - Mar 2019  
(8 week course)



Roll No: NPTEL19CS10S21120694

To validate and check scores: <http://nptel.ac.in/noc>





Proctored exam	Final score	Type of Certificate
$\geq 10$	$> 40$	Successfully completed
$\geq 23$	$\geq 60$	Elite
$\geq 33$	$\geq 75$	Elite + Silver
$\geq 43$	$\geq 90$	Elite + Gold
* Both conditions have to be satisfied		

No. of credits recommended by NPTEL: 2



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**M. RAKESH**

for successfully completing the course

**PROGRAMMING IN C++**

with a consolidated score of **40** %

Online Assignments	12.5/25	Programming Exam	12.5/25	Proctored Exam	15/50
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Total number of candidates certified in this course: **2143**

*A. Goswami*

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur

Jan - Mar 2019  
(8 week course)



Roll No: NPTEL19CS10S11120482

To validate and check scores: <http://nptel.ac.in/noc>

No. of credits recommended by NPTEL:2

351/239



Score	Type of Certificate
$\geq 90$	Elite+Gold
75-89	Elite+Silver
$\geq 60$	Elite
40-59	Successfully completed the course
$< 40$	No Certificate



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**ROHIT KULKARNI**

for successfully completing the course

**Programming, Data Structures and Algorithms  
Using Python**

with a consolidated score of **52** %

Online Assignments	24/25	Proctored Exam	28.125/75
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Total number of candidates certified in this course: **3813**

*A. Ramesh*

Prof. A. Ramesh  
Chairman  
Centre for Continuing Education, IITM

Jan-Mar 2019  
(8 week course)

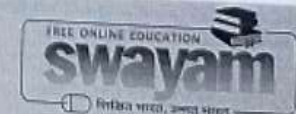
*Prof. Andrew Thangara*

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras

Roll No: NPTEL19CS08S11120103



To validate and check scores: <http://nptel.ac.in/noc>