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Roll No: NPTEL20BT09S1088320

To  
ANJANA KRISHNAN AS  
ANJANEYAM PAATTATHIL LANE  
SREEKARYAM  
THIRUVANANTHAPURAM  
KERALA - 695017  
PH. NO :9497713019



No. of credits 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  
**ANJANA KRISHNAN AS**

for passing the course  
**Bioengineering : An Interface with  
Biology and Medicine**

with Score\* **78** %



Jan-Mar 2020  
(8 week course)

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



Indian Institute of Technology Bombay



\*Continuous online assessment score

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

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Roll No: NPTEL20BT09S1216611

To

ABHIRAMI AB  
SHIVAPARVATHYTC KP 41182CHERUBALAMANDAM  
ROADVELLAYANINEMOM POTRIVANDRUM  
KALLIYOOR  
THIRUVANANTHAPURAM  
KERALA - 695020  
PH. NO :7025413711



No. of credits 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

**ABHIRAMI AB**

for passing the course

**Bioengineering : An Interface with  
Biology and Medicine**

with Score\* **91** %

**Covid-19  
impacted  
January 2020  
semester**

**Prof. Sridhar Iyer**

Head, CDEEP & NPTEL Coordinator  
IIT Bombay

Jan-Mar 2020  
(8 week course)



Indian Institute of Technology Bombay



\*Continuous online assessment score

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

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Roll No: NPTEL20BT09S1491921

To

ARATHY P S  
ARATHY P S, NEDUMON MADOMARKKANNOOR  
POAYOOR, KOLLAM, KERALA PIN 691533 KOLLAM,  
KERALA-691533  
PH. NO :8848474988



No. of credits 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

**ARATHY P S**

for passing the course

**Bioengineering : An Interface with  
Biology and Medicine**

with Score\* **71** %



**Prof. Sridhar Iyer**

Head, CDEEP & NPTEL Coordinator  
IIT Bombay

Jan-Mar 2020  
(8 week course)



Indian Institute of Technology Bombay



\*Continuous online assessment score

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

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Roll No: NPTEL20BT10S1174402

To  
SHELMA C SAJAN  
CHEERAN BETHEL  
KUNNAMKULAM  
THRISSUR  
KERALA - 680503  
PH. NO :8921592196



No. of credits 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

**SHELMA C SAJAN**

for passing the course

**Bio-Informatics : Algorithms and Applications**

with Score\* **73** %

Covid-19  
impacted  
January 2020  
semester

*Devendra Jalihal*

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

Jan-Apr 2020  
(12 week course)

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



\*Continuous online assessment score

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

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Roll No: NPTEL20BT10S1230892

To

ANASWARA A N  
NADUVILAPARAMBILKARIKKAD P  
OTHANNEERMUKKOMCHERTHALA ALAPPUZHAPIN  
688527  
CHERTHALA  
ALAPPUZHA  
KERALA - 688527  
PH. NO :8606807600



No. of credits 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

**ANASWARA A N**

for passing the course

**Bio-Informatics : Algorithms and Applications**

with Score\* **51** %

Covid-19  
impacted  
January 2020  
semester

*Devendra Jalihal*

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

Jan-Apr 2020  
(12 week course)

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



\*Continuous online assessment score

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

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Roll No: NPTEL20BT10S1345223

To  
KIZHAKHE MUNDIYAT CHITRA  
231943 C , ROY VELIVIL ROAD , SOUTH  
MOOLAMKUZHY, MUNDAMVELI P.O  
KOCHI  
ERNAKULAM  
KERALA - 682507  
PH. NO :7356508628



No. of credits 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

**KIZHAKHE MUNDIYAT CHITRA**

for passing the course

**Bio-Informatics : Algorithms and Applications**

with Score\* **80** %

**Covid-19  
impacted  
January 2020  
semester**

*Devendra Jalihal*

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

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

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



\*Continuous online assessment score

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

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Roll No: NPTEL20BT10S1370149

To  
SARAH THOMAS  
KARUNA PALACE  
NALLILA  
KOLLAM  
KERALA - 691515  
PH. NO :8921957615



No. of credits 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

**SARAH THOMAS**

for passing the course

**Bio-Informatics : Algorithms and Applications**

with Score\* **79** %

Covid-19  
impacted  
January 2020  
semester

*Devendra Jalihal*

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

Jan-Apr 2020  
(12 week course)

*Andrew Thangaraj*

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



Indian Institute of Technology Madras



\*Continuous online assessment score

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

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Roll No: NPTEL20BT10S1580799

To  
ALICIA NYLA LEWIS  
LEE DALEEDA KOCHIKOCHI  
ERNAKULAM  
KERALA-682010  
PH. NO :9947158329



No. of credits 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  
**ALICIA NYLA LEWIS**  
for passing the course

**Bio-Informatics : Algorithms and Applications**

with Score\* **80** %

**Covid-19  
impacted  
January 2020  
semester**

*Devendra Jalihal*

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

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

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



\*Continuous online assessment score

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



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

Roll No: NPTEL20BT10S1614364

To  
ANJANA KRISHNAN AS  
ANJANEYAM PAATTATHIL LANE  
SREEKARYAM  
THIRUVANANTHAPURAM  
KERALA - 695017  
PH. NO :9497713019



No. of credits 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  
**ANJANA KRISHNAN AS**  
for passing the course

**Bio-Informatics : Algorithms and Applications**

with Score\* **70** %



*Devendra Jalihal*

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

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

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



\*Continuous online assessment score

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

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Roll No: NPTEL20BT10S1628432

To  
ROHIT S PRASAD  
KARUVALLIL HOUSE  
VAIKOM  
KOTTAYAM  
KERALA - 686141  
PH. NO :8281917019



No. of credits 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

**ROHIT S PRASAD**

for passing the course

**Bio-Informatics : Algorithms and Applications**

with Score\* **76** %

Covid-19  
impacted  
January 2020  
semester

*Devendra Jalihal*

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

Jan-Apr 2020  
(12 week course)

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



\*Continuous online assessment score

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

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Roll No: NPTEL20BT10S1717719

To  
ALEENA CYRIAC  
THAZHATHUVEETIL HOUSE, KANNOTH P.O  
KODENCHERRY  
KOZHIKODE  
KERALA - 673580  
PH. NO :9562387010



No. of credits 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

**ALEENA CYRIAC**

for passing the course

**Bio-Informatics : Algorithms and Applications**

with Score\* **79** %

Covid-19  
impacted  
January 2020  
semester

*Devendra Jalihal*

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

Jan-Apr 2020  
(12 week course)

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



\*Continuous online assessment score

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

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Roll No: NPTEL20BT10S1863937

To

RESHMA U R  
TC 282126FRA14, PADMAVILASOM STREET FORT  
PO  
THIRUVANANTHAPURAM  
KERALA-695023  
PH. NO :8848996911



No. of credits 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

**RESHMA U R**

for passing the course

**Bio-Informatics : Algorithms and Applications**

with Score\* **84** %

Covid-19  
impacted  
January 2020  
semester

*Devendra Jalihal*

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

Jan-Apr 2020  
(12 week course)

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



\*Continuous online assessment score

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

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Roll No: NPTEL20CE17S1159489

To  
ALBIN THOMAS K  
KANJIRATHINGAL HOUSETHIRUNAVAYA P.O  
THIRUNAVAYA  
MALAPPURAM  
KERALA - 676301  
PH. NO :7594076177



No. of credits 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  
**ALBIN THOMAS K**  
for passing the course

**Applied Environmental Microbiology**

with Score\* **65** %

**Covid-19  
impacted  
January 2020  
semester**

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

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

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



Indian Institute of Technology Roorkee



\*Continuous online assessment score

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

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Roll No: NPTEL20CE17S1277593

To

ABHIRAMI AB  
SHIVAPARVATHYTC KP 41182CHERUBALAMANDAM  
ROADVELLAYANINEMOM POTRIVANDRUM  
KALLIYOOR  
THIRUVANANTHAPURAM  
KERALA - 695020  
PH. NO :7025413711



No. of credits 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

**ABHIRAMI AB**

for passing the course

**Applied Environmental Microbiology**

with Score\* **86** %

Covid-19  
impacted  
January 2020  
semester

**Prof. V. C. Srivastava**

Coordinator, Continuing Education Centre  
IIT Roorkee

Jan-Apr 2020  
(12 week course)

**Prof. Inderdeep Singh**

NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



\*Continuous online assessment score

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

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Roll No: NPTEL20CE17S1300301

To  
AMY THOMAS  
KP2 609A, KIZHAKKEVEETIL, SRA  
130KURISSADI JN  
NALANCHIRA  
THIRUVANANTHAPURAM  
KERALA - 695015  
PH. NO :8156877175



No. of credits 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

**AMY THOMAS**

for passing the course

**Applied Environmental Microbiology**

with Score\* **91** %

**Covid-19  
impacted  
January 2020  
semester**

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

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

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



Indian Institute of Technology Roorkee



\*Continuous online assessment score

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

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Roll No: NPTEL20CE17S1505651

To  
MEENAKSHI MAHESH  
KAILAS HOUSE, THAZHAKARA P.O  
MAVELIKARA  
ALAPPUZHA  
KERALA - 690102  
PH. NO :8943571534



No. of credits 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  
**MEENAKSHI MAHESH**  
for passing the course

**Applied Environmental Microbiology**

with Score\* **89** %

**Covid-19  
impacted  
January 2020  
semester**

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

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

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



Indian Institute of Technology Roorkee



\*Continuous online assessment score

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



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

Roll No: NPTEL20CE17S1653632

To  
YASWANTH O V  
SRINGIVERAM (H), M M BAZAR (P O)  
MATHAMANGALAM  
KANNUR  
KERALA - 670306  
PH. NO :8078208024



No. of credits 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

**YASWANTH O V**

for passing the course

**Applied Environmental Microbiology**

with Score\* **96** %

Covid-19  
impacted  
January 2020  
semester

**Prof. V. C. Srivastava**

Coordinator, Continuing Education Centre  
IIT Roorkee

Jan-Apr 2020  
(12 week course)

**Prof. Inderdeep Singh**

NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



\*Continuous online assessment score

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

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

Roll No: NPTEL20CE17S1883685

To

ANASWARA A N  
NADUVILAPARAMBILKARIKKAD P  
OTHANNEERMUKKOMCHERTHALA ALAPPUZHAPIN  
688527  
CHERTHALA  
ALAPPUZHA  
KERALA - 688527  
PH. NO :8606807600



No. of credits 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

**ANASWARA A N**

for passing the course

**Applied Environmental Microbiology**

with Score\* **60** %

**Covid-19  
impacted  
January 2020  
semester**

**Prof. V. C. Srivastava**

Coordinator, Continuing Education Centre  
IIT Roorkee

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

**Prof. Inderdeep Singh**

NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



\*Continuous online assessment score

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

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

Roll No: NPTEL20CE17S1908736

To

JISHNA M  
JITHU BHAVANKEEZHAIKONAMVENJARAMOODU  
(P.O)THIRUVANANTHAPURAMKERALA695607  
VENJARAMOODU  
THIRUVANANTHAPURAM  
KERALA - 695607  
PH. NO :9496131323



No. of credits 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

**JISHNA M**

for passing the course

**Applied Environmental Microbiology**

with Score\* **90** %

Covid-19  
impacted  
January 2020  
semester

**Prof. V. C. Srivastava**

Coordinator, Continuing Education Centre  
IIT Roorkee

Jan-Apr 2020  
(12 week course)

**Prof. Inderdeep Singh**

NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



\*Continuous online assessment score

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

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

Roll No: NPTEL20CH20S1770561

To  
RONIMA K R  
KARUTHEDATH HOUSE PALUVAI  
POCHAVAKKAD21211  
GURUVAYUR  
THRISSUR  
KERALA - 680522  
PH. NO :9072289667



No. of credits 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

**RONIMA K R**

for passing the course

## Basic Principles and Calculations in Chemical Engineering

with Score\* **68** %



Jan-Apr 2020  
(12 week course)

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



Indian Institute of Technology Guwahati



\*Continuous online assessment score

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

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

Roll No: NPTEL20CS22S1279443

To  
VASUDEV JAYACHANDRAN NAIR  
TC 92861, ATTUKAL NIVAS, NB STREET,  
JAWAHAR NAGAR  
SASTHAMANGALAM  
THIRUVANANTHAPURAM  
KERALA - 695010  
PH. NO :7994828809



No. of credits 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

**VASUDEV JAYACHANDRAN NAIR**

for passing the course

**Introduction to Internet of Things**

with Score\* **96** %

Covid-19  
impacted  
January 2020  
semester

A. Goswami

Prof. Adrijit Goswami

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur

Jan-Apr 2020  
(12 week course)



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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

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

Roll No: NPTEL20CS22S1347151

To

AMAN M RAFI  
362CHANDANAPARAMBIL H , MOONNNUKALLU  
SEETHATHODU  
PATHANAMTHITTA  
KERALA - 689667  
PH. NO :8848655933



No. of credits 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

**AMAN M RAFI**

for passing the course

**Introduction to Internet of Things**

with Score\* **97** %

Covid-19  
impacted  
January 2020  
semester

A. Goswami

Prof. Adrijit Goswami

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur

Jan-Apr 2020

(12 week course)



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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

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Roll No: NPTEL20CS22S1489979

To  
KARTHIK V L  
LAVANYA ,PAKALLOOR ROAD  
PALLICHAL  
THIRUVANANTHAPURAM  
KERALA - 695020  
PH. NO :9567364544



No. of credits 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

**KARTHIK V L**

for passing the course

**Introduction to Internet of Things**

with Score\* **97** %

**Covid-19  
impacted  
January 2020  
semester**

*A. Goswami*

**Prof. Adrijit Goswami**

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur

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



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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

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Roll No: NPTEL20CS22S1600293

To  
RIMA RAJENDRAN M K  
NADUVILAKANDIYIL (HO), VAIKKILASSERY  
(PO)  
VADAKARA  
KOZHIKODE  
KERALA - 673104  
PH. NO :9048649864



No. of credits 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

**RIMA RAJENDRAN M K**

for passing the course

**Introduction to Internet of Things**

with Score\* **97** %

**Covid-19  
impacted  
January 2020  
semester**

*A. Goswami*

**Prof. Adrijit Goswami**

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur

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



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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



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Roll No: NPTEL20CS26S1273600

To  
THEJAS PK  
HOUSE NO20, KAIRALIGARDENS, VISHWAMBARAN  
ROAD, PAPPANAMCODE, TRIVANDRUM  
PAPPANAMCODE  
THIRUVANANTHAPURAM  
KERALA - 695018  
PH. NO :9895354424



No. of credits 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 PK**

for passing the course

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

with Score\* **46** %



*Devendra Jalihal*

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

Jan-Mar 2020  
(8 week course)

*Andrew Thangaraj*

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



Indian Institute of Technology Madras



\*Continuous online assessment score

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

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Roll No: NPTEL20CS26S1381990

To  
YADU KRISHNA S K  
KRISHNA KRIPA, SNRA 45, SIVASAKTHI  
NAGAR, THURUVIKKAL PO  
MEDICAL COLLEGE  
THIRUVANANTHAPURAM  
KERALA - 695011  
PH. NO :9496903164



No. of credits recommended by NPTEL:2

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



# NPTEL Online Certification

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



Covid-19  
impacted  
January 2020  
semester

This certificate is awarded to  
**YADU KRISHNA S K**

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

with Score\* **100 %**

*Devendra Jalihal*

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

Jan-Mar 2020  
(8 week course)

*Andrew Thangaraj*

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



Indian Institute of Technology Madras



\*Continuous online assessment score

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

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

Roll No: NPTEL20CS26S1636656

To  
VAISHNAVI K  
FLAT NO215 O, 15TH FLOOR, DD DIAMOND  
DISTRICT, NEAR PANGAPPARA HEALTH CENTER,  
PANGAPPARA  
THIRUVANANTHAPURAM  
KERALA - 695581  
PH. NO :9995659159



No. of credits 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

**VAISHNAVI K**

for passing the course

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

with Score\* **96** %



*Devendra Jalihal*

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

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

*Andrew Thangaraj*

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



Indian Institute of Technology Madras



\*Continuous online assessment score

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

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Roll No: NPTEL20CS35S1183617

To  
JITHIN B GEORGE  
THUNDIL VEEDU THRIKKANNAMANGAL  
KOTTARAKKARA(PO) KOLLAM KERALA INDIA  
KOTTARAKKARA  
KOLLAM  
KERALA - 691506  
PH. NO :7561805470



No. of credits 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

**JITHIN B GEORGE**

for passing the course

**The Joy of Computing using Python**

with Score\* **92** %

**Covid-19  
impacted  
January 2020  
semester**

*Devendra Jalihal*

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

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

*Andrew Thangaraj*

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



Indian Institute of Technology Madras



\*Continuous online assessment score

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

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

Roll No: NPTEL20CS35S1506492

To  
SREEJESH S KUMAR  
RADHAMANDIRAM KALAYAPURAM PO  
KOTTARAKKARA KOLLAM  
KOTTARAKKARA  
KOLLAM  
KERALA - 691560  
PH. NO :8593936169



No. of credits 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  
**SREEJESH S KUMAR**  
for passing the course

**The Joy of Computing using Python**

with Score\* **68** %

**Covid-19  
impacted  
January 2020  
semester**

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

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

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



Indian Institute of Technology Madras



\*Continuous online assessment score

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

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Roll No: NPTEL20CS35S1688084

To  
ASWATHY B  
AMBADI  
PRAKKULAM  
KOLLAM  
KERALA - 691602  
PH. NO :7356074977



No. of credits 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

**ASWATHY B**

for passing the course

**The Joy of Computing using Python**

with Score\* **96** %

Covid-19  
impacted  
January 2020  
semester

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

Jan-Apr 2020  
(12 week course)

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



Indian Institute of Technology Madras



\*Continuous online assessment score

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

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

Roll No: NPTEL20CS35S1855449

To  
JIBIN K GEORGE  
KARACKATTIL, KAVIYOOR P.O, THIRUVALLA  
KAVIYOOR  
PATHANAMTHITTA  
KERALA - 689582  
PH. NO :9447804723



No. of credits 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

**JIBIN K GEORGE**

for passing the course

**The Joy of Computing using Python**

with Score\* **80** %

Covid-19  
impacted  
January 2020  
semester

*Devendra Jalihal*

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

Jan-Apr 2020  
(12 week course)

*Andrew Thangaraj*

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



Indian Institute of Technology Madras



\*Continuous online assessment score

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

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Roll No: NPTEL20CS35S1998708

To  
ROHITH S K  
PARANKIMAM VILA VEEDUVETTINADU KONCHIRA  
POTHIRUVANANTHAPURAM  
VETTINADU  
THIRUVANANTHAPURAM  
KERALA - 695615  
PH. NO :8921394895



No. of credits 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

**ROHITH S K**

for passing the course

**The Joy of Computing using Python**

with Score\* **67** %

**Covid-19  
impacted  
January 2020  
semester**

*Devendra Jalihal*

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

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

*Andrew Thangaraj*

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



Indian Institute of Technology Madras



\*Continuous online assessment score

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



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

Roll No: NPTEL20CY10S1036887

To

JISHNA M  
JITHU BHAVANKEEZHAIKONAMVENJARAMOODU  
(P.O)THIRUVANANTHAPURAMKERALA695607  
VENJARAMOODU  
THIRUVANANTHAPURAM  
KERALA - 695607  
PH. NO :9496131323



No. of credits 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

**JISHNA M**

for passing the course

**Biochemistry**

with Score\* **92** %

Covid-19  
impacted  
January 2020  
semester

A. Goswami

Prof. Adrijit Goswami

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur

Jan-Apr 2020  
(12 week course)



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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

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Roll No: NPTEL20CY10S1470718

To  
MEENAKSHI MAHESH  
KAILAS HOUSE, THAZHAKARA P.O  
MAVELIKARA  
ALAPPUZHA  
KERALA - 690102  
PH. NO :8943571534



No. of credits 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  
**MEENAKSHI MAHESH**

for passing the course

**Biochemistry**

with Score\* **90** %

Covid-19  
impacted  
January 2020  
semester

A. Goswami

Prof. Adrijit Goswami

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur

Jan-Apr 2020  
(12 week course)



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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

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Roll No: NPTEL20CY10S1641157

To  
ROHIT S PRASAD  
KARUVALLIL HOUSE  
VAIKOM  
KOTTAYAM  
KERALA - 686141  
PH. NO :8281917019



No. of credits 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

**ROHIT S PRASAD**

for passing the course

**Biochemistry**

with Score\* **89** %

Covid-19  
impacted  
January 2020  
semester

A. Goswami

Prof. Adrijit Goswami

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur

Jan-Apr 2020  
(12 week course)



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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

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Roll No: NPTEL20CY10S1722009

To  
AMY THOMAS  
KP2 609A, KIZHAKKEVEETIL, SRA  
130KURISSADI JN  
NALANCHIRA  
THIRUVANANTHAPURAM  
KERALA - 695015  
PH. NO :8156877175



No. of credits 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

**AMY THOMAS**

for passing the course

**Biochemistry**

with Score\* **90** %

Covid-19  
impacted  
January 2020  
semester

A. Goswami

Prof. Adrijit Goswami

Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur

Jan-Apr 2020  
(12 week course)



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

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

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Roll No: NPTEL20DE03S1436587

To  
ISUDHEEN I S  
476, NIYAS HOSTEL, KARAKKAMANDAPAM  
NEMOM P.O  
THIRUVANANTHAPURAM  
KERALA - 695020  
PH. NO :9539958180



No. of credits 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

**ISUDHEEN I S**

for passing the course

**Design, Technology and Innovation**

with Score\* **81** %

Covid-19  
impacted  
January 2020  
semester

Feb-Apr 2020  
(8 week course)

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



Indian Institute of Technology Bombay



\*Continuous online assessment score

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

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

Roll No: NPTEL20EE14S1058389

To  
SIVAPRIYA B  
TC471598,HOUSE NO35,SURYA  
NAGARMELARANOOR, KARAMANA P.O  
TRIVANDRUM  
THIRUVANANTHAPURAM  
KERALA - 695002  
PH. NO :9544584300



No. of credits 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

**SIVAPRIYA B**

for passing the course

**Electronic Systems for Cancer Diagnosis**

with Score\* **96** %

**Covid-19  
impacted  
January 2020  
semester**

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

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

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



Indian Institute of Science Bangalore



\*Continuous online assessment score

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

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Roll No: NPTEL20EE14S1091756

To  
MELIN LEVY T S  
S R BHAVAN PAKALOOR PALLICHAL P ONEMOM  
TRIVANDRUM  
VILLAGE- KALLIYOOR  
THIRUVANANTHAPURAM  
KERALA - 695020  
PH. NO :8078483618



No. of credits 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

**MELIN LEVY T S**

for passing the course

**Electronic Systems for Cancer Diagnosis**

with Score\* **98** %

Covid-19  
impacted  
January 2020  
semester

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

Jan-Apr 2020  
(12 week course)

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



Indian Institute of Science Bangalore



\*Continuous online assessment score

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

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

Roll No: NPTEL20EE14S1182308

To  
SRIHARI.P  
TC 171234(8) , SRA 187,THANALSASTHA  
NAGAR, EDAPPAZHINJI,PANGODETHIRUMALA PO  
THIRUVANANTHAPURAM  
KERALA-695006  
PH. NO :8547450772



No. of credits 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

**SRIHARI.P**

for passing the course

**Electronic Systems for Cancer Diagnosis**

with Score\* **95** %

**Covid-19  
impacted  
January 2020  
semester**

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

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

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



Indian Institute of Science Bangalore



\*Continuous online assessment score

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



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

Roll No: NPTEL20EE14S1251292

To  
VYSHNAVI JAYAKUMAR K  
TC 211043 NR BHAVAN NEDUMCAUD KARAMANA  
PO TVM  
THIRUVANANTHAPURAM  
KERALA-695002  
PH. NO :8606327748



No. of credits 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  
**VYSHNAVI JAYAKUMAR K**  
for passing the course

**Electronic Systems for Cancer Diagnosis**

with Score\* **90** %



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

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

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



Indian Institute of Science Bangalore



\*Continuous online assessment score

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

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

Roll No: NPTEL20EE14S1744197

To  
SHARIKA MENON R  
M9,TC 552171(1), CHERUBALA, MANIYANKARA  
THOPPU  
PAPPANAMCODE  
THIRUVANANTHAPURAM  
KERALA - 695018  
PH. NO :9495491548



No. of credits 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  
**SHARIKA MENON R**  
for passing the course

**Electronic Systems for Cancer Diagnosis**

with Score\* **97** %

Covid-19  
impacted  
January 2020  
semester

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

Jan-Apr 2020  
(12 week course)

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



Indian Institute of Science Bangalore



\*Continuous online assessment score

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

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

Roll No: NPTEL20EE14S1800717

To  
PALLAVI NAIR  
F1 PALMGROVE  
APARTMENTS, NALANDA, KOWDIAR.P.O,  
THIRUVANANTHAPURAM  
KERALA-695003  
PH. NO :8281583173



No. of credits 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

**PALLAVI NAIR**

for passing the course

**Electronic Systems for Cancer Diagnosis**

with Score\* **94** %

Covid-19  
impacted  
January 2020  
semester

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

Jan-Apr 2020  
(12 week course)

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



Indian Institute of Science Bangalore



\*Continuous online assessment score

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

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

Roll No: NPTEL20EE14S1841460

To  
SOORYA S PADMANABHAN  
TC 40652, SPASRA173, ANAVAL STREET  
TRIVANDRUM  
THIRUVANANTHAPURAM  
KERALA - 695009  
PH. NO :8281918118



No. of credits 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)



SOORYA S. PADMANABHAN  
02.02.2017

This certificate is awarded to  
**SOORYA S PADMANABHAN**  
for passing the course

**Electronic Systems for Cancer Diagnosis**

with Score\* **96** %



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

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

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



Indian Institute of Science Bangalore



\*Continuous online assessment score

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

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Roll No: NPTEL20EE18S1329070

To  
KARTHIK S RAJENDRAN  
SHREYAS BHAVANAMERZHA  
SOUTHCHETTIKULANGARA  
MAVELIKARA  
ALAPPUZHA  
KERALA - 690106  
PH. NO :9072094599



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)



Covid-19  
impacted  
January 2020  
semester

This certificate is awarded to

**KARTHIK S RAJENDRAN**

for passing the course

**Electric Vehicles - Part 1**

with Score\* **65** %

*Devendra Jalihal*

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

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

*Andrew Thangaraj*

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



Indian Institute of Technology Madras



\*Continuous online assessment score

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

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Roll No: NPTEL20EE18S1379637

To  
SARATH V G  
KRISHNA VILASAM  
OORUTTAMBALAM  
THIRUVANANTHAPURAM  
KERALA - 695507  
PH. NO :7356202850



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

**SARATH V G**

for passing the course

**Electric Vehicles - Part 1**

with Score\* **78** %

Covid-19  
impacted  
January 2020  
semester

*Devendra Jalihal*

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

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

*Andrew Thangaraj*

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



Indian Institute of Technology Madras



\*Continuous online assessment score

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

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Roll No: NPTEL20EE18S1629493

To  
JUSTINE JOSEPH  
KEEZHANGATTU (H), POOZHIKOL (P.O).  
MANNAR  
KADUTHURUTHY  
KOTTAYAM  
KERALA - 686604  
PH. NO :8848359695



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

**JUSTINE JOSEPH**

for passing the course

**Electric Vehicles - Part 1**

with Score\* **42** %

**Covid-19  
impacted  
January 2020  
semester**

*Devendra Jalihal*

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

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

*Andrew Thangaraj*

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



Indian Institute of Technology Madras



\*Continuous online assessment score

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

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Roll No: NPTEL20EE18S1748227

To  
SREEHARI A  
SREEVIHAR  
CHAMPAD  
KANNUR  
KERALA - 670694  
PH. NO :8281757457



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

**SREEHARI A**

for passing the course

**Electric Vehicles - Part 1**

with Score\* **73** %

**Covid-19  
impacted  
January 2020  
semester**

*Devendra Jalihal*

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

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

*Andrew Thangaraj*

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



Indian Institute of Technology Madras



\*Continuous online assessment score

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



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

Roll No: NPTEL20EE21S1755112

To  
NAVEEN JO SAJAN  
THAREMALAYIL, TC 122419, MARA41  
MUTTADA  
THIRUVANANTHAPURAM  
KERALA - 695025  
PH. NO :9446554478



No. of credits 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  
**NAVEEN JO SAJAN**

for passing the course

**Multirate DSP**

with Score\* **70** %

**Covid-19  
impacted  
January 2020  
semester**

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

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

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



Indian Institute of Technology Madras



\*Continuous online assessment score

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

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Roll No: NPTEL20EE21S1970371

To  
RITHIK A  
SIVASAKTHI, KKRA116, KURISSADI  
KARYAVATTOM P.O  
THIRUVANANTHAPURAM  
KERALA - 695581  
PH. NO :7025556036



No. of credits 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

**RITHIK A**

for passing the course

**Multirate DSP**

with Score\* **91** %

**Covid-19  
impacted  
January 2020  
semester**

*Devendra Jalihal*

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

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

*Prof. Andrew Thangaraj*

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



Indian Institute of Technology Madras



\*Continuous online assessment score

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