

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

Roll No: NPTEL21ME81S43310251

To  
 ABHISHEK ARAVIND  
 VIJAY NIVAS, PO:-VALAPATTNAM, KANNUR  
 VIJAY NIVAS, PO:-VALAPATTNAM, KANNUR  
 KANNUR  
 KERALA - 670010  
 PH. NO :8848095755



Score	Type 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 ARAVIND**

for successfully completing the course



## Fundamentals of Manufacturing Processes

with a consolidated score of **75** %

Online Assignments	21.25/25	Proctored Exam	53.5/75
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Total number of candidates certified in this course: **519**

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

Jul-Oct 2021  
 (12 week course)

**Prof. Priti Maheshwari**  
 NPTEL Coordinator  
 IIT Roorkee



Indian Institute of Technology Roorkee



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Roll No: NPTEL21ME81S43310291

To  
ALAN SEBASTIAN  
KULAPPURATH (H), PAISAKARY (P O), KANNUR  
KERALA - 670633  
PH. NO :8547739225



Score	Type 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

**ALAN SEBASTIAN**

for successfully completing the course

## Fundamentals of Manufacturing Processes

with a consolidated score of **60** %

Online Assignments	22.81/25	Proctored Exam	37/75
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Total number of candidates certified in this course: **519**

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

Jul-Oct 2021  
(12 week course)

**Prof. Priti Maheshwari**  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



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Roll No: NPTEL21ME104S23310302

To  
ALAN SEBASTIAN  
KULAPPURATH (H), PAISAKARY (P O), KANNUR  
KERALA - 670633  
PH. NO :8547739225



Score	Type 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

**ALAN SEBASTIAN**

for successfully completing the course

**Rapid Manufacturing**

with a consolidated score of **77** %

Online Assignments	24.06/25	Proctored Exam	52.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 926

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

Jul-Oct 2021  
(12 week course)

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



Indian Institute of Technology Kanpur





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

Roll No: NPTEL21HS76S43310569

To  
 AMAL LUKOSE  
 KARIKULAM(H),KUTTAPARAMBA(P.O)  
 POOVANCHAL  
 ALAKODE  
 KERALA - 670571  
 PH. NO :9744405409



Score	Type 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

**AMAL LUKOSE**

for successfully completing the course

**Soft Skills**

with a consolidated score of **69** %

Online Assignments	23.6/25	Proctored Exam	45/75
--------------------	---------	----------------	-------

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

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

Jul-Oct 2021  
 (12 week course)

**Prof. Priti Maheshwari**  
 NPTEL Coordinator  
 IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL21ME81S43310371

To  
ANAND K  
CHANGAN HOUSE  
MANDAPAM ROAD, P.O. KANNADIPARAMBA  
KANNUR  
KERALA - 670604  
PH. NO :8893789101



Score	Type 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

**ANAND K**

for successfully completing the course

## Fundamentals of Manufacturing Processes

with a consolidated score of **63** %

Online Assignments	22.81/25	Proctored Exam	40.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **519**

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

Jul-Oct 2021  
(12 week course)

**Prof. Priti Maheshwari**  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL21ME104S23310332

To  
ANAND K  
CHANGAN HOUSE  
MANDAPAM ROAD, P.O. KANNADIPARAMBA  
KANNUR  
KERALA - 670604  
PH. NO :8893789101



Score	Type 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

**ANAND K**

for successfully completing the course

**Rapid Manufacturing**

with a consolidated score of **71** %

Online Assignments	24.06/25	Proctored Exam	46.5/75
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Total number of candidates certified in this course: 926

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

Jul-Oct 2021  
(12 week course)

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



Indian Institute of Technology Kanpur





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

Roll No: NPTEL21CE69S43310323

To  
ANAND T K  
PULLUVANCHALIL, ELAYAVOOR SOUTH  
PO MUNDAYAD  
KANNUR  
KERALA - 670594  
PH. NO : 7902899802



Score	Type 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

**ANAND T K**

for successfully completing the course

## Municipal Solid Waste Management

with a consolidated score of **53** %

Online Assignments	20.16/25	Proctored Exam	33.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **812**

Jul-Oct 2021  
(12 week course)

**Prof. Hemant B Kaushik**  
Head, Center 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: NPTEL21ME81S43310411

To  
ASWIN K P  
KEECHIPURATH HOUSE KATTAMPALLY P.O  
KERALA - 670011  
PH. NO :8157070496



Score	Type 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

**ASWIN K P**

for successfully completing the course

## Fundamentals of Manufacturing Processes

with a consolidated score of **66** %

Online Assignments	22.5/25	Proctored Exam	43.5/75
--------------------	---------	----------------	---------

Total number of candidates certified in this course: **519**

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

Jul-Oct 2021  
(12 week course)

**Prof. Priti Maheshwari**  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee





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

Roll No: NPTEL21ME104S23310362

To  
ASWIN K P  
KEECHIPURATH HOUSE KATTAMPALLY P.O  
KERALA - 670011  
PH. NO :8157070496



Score	Type 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

**ASWIN K P**

for successfully completing the course

**Rapid Manufacturing**

with a consolidated score of **71** %

Online Assignments	24.06/25	Proctored Exam	46.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 926

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

Jul-Oct 2021  
(12 week course)

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



Indian Institute of Technology Kanpur



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

Roll No: NPTEL21EE80S23310831

To  
ATHUL T P  
GOKULAM, P. O MOTTAMMAL  
CHEMMERAVAYAL, KANNAPURAM  
KANNUR  
KERALA - 670331  
PH. NO : 7594918361



Score	Type 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

**ATHUL T P**

for successfully completing the course

## Semiconductor Devices and Circuits

with a consolidated score of **54** %

Online Assignments	21.88/25	Proctored Exam	32.15/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **56**

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

Jul-Oct 2021  
(12 week course)

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



Indian Institute of Science Bangalore



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

Roll No: NPTEL21CE69S43310619

To  
DILSHA V V  
VALLIYOTT VALAPPIL  
KOTTILA (P.O), EZHOME (VIA), KANNUR (DIST)  
KANNUR  
KERALA - 670334  
PH. NO :9567293827



Score	Type 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

**DILSHA V V**

for successfully completing the course

## Municipal Solid Waste Management

with a consolidated score of **50** %

Online Assignments	19.6/25	Proctored Exam	30/75
--------------------	---------	----------------	-------

Total number of candidates certified in this course: **812**

Jul-Oct 2021  
(12 week course)

**Prof. Hemant B Kaushik**  
Head, Center 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: NPTEL21CS54S23310436

To  
 FATHIMA SHANA A  
 HARIS MANZIL, C.H. ROAD, SYED NAGAR, MANNA  
 TALIPARAMBA, KANNUR, P.O: 670141  
 KANNUR  
 KERALA - 670141  
 PH. NO : 8848600172



Score	Type 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

**FATHIMA SHANA A**

for successfully completing the course

## Problem Solving through Programming in C

with a consolidated score of **56** %

Online Assignments	11.31/25	Programming Exam	25/25	Proctored Exam	20/50
--------------------	----------	------------------	-------	----------------	-------

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

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

Jul-Oct 2021  
 (12 week course)

Prof. Debjani Chakraborty  
 Coordinator, NPTEL  
 IIT Kharagpur



Indian Institute of Technology Kharagpur



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

Roll No: NPTEL21ME81S33310047

To  
NIVED P  
AMRUTHAM  
NEAR POONKAV , KADAMBUR , EDAKKAD (P.O)  
KANNUR  
KERALA - 670663  
PH. NO :8330092794



Score	Type 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

**NIVED P**

for successfully completing the course

## Fundamentals of Manufacturing Processes

with a consolidated score of **55** %

Online Assignments	21.88/25	Proctored Exam	33/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **519**

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

Jul-Oct 2021  
(12 week course)

**Prof. Priti Maheshwari**  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL21ME104S13310044

To  
NIVED P  
AMRUTHAM  
NEAR POONKAV , KADAMBUR , EDAKKAD (P.O)  
KANNUR  
KERALA - 670663  
PH. NO :8330092794



Score	Type 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

**NIVED P**

for successfully completing the course

**Rapid Manufacturing**

with a consolidated score of **75** %

Online Assignments	23.75/25	Proctored Exam	51/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 926

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

Jul-Oct 2021  
(12 week course)

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



Indian Institute of Technology Kanpur





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Roll No: NPTEL21ME81S33310081

To  
NITHIN RAJ  
JYOTHIS KOTTARATHUMPARA AZHIKODE  
JYOTHIS KOTTARATHUMPARA AZHIKODE  
KANNUR  
KERALA - 670009  
PH. NO :7559871055



Score	Type 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

**NITHIN RAJ**

for successfully completing the course

## Fundamentals of Manufacturing Processes

with a consolidated score of **57** %

Online Assignments	22.81/25	Proctored Exam	34.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **519**

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

Jul-Oct 2021  
(12 week course)

**Prof. Priti Maheshwari**  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL21ME104S13310078

To  
NITHIN RAJ  
JYOTHIS KOTTARATHUMPARA AZHIKODE  
JYOTHIS KOTTARATHUMPARA AZHIKODE  
KANNUR  
KERALA - 670009  
PH. NO :7559871055



Score	Type 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

**NITHIN RAJ**

for successfully completing the course

**Rapid Manufacturing**

with a consolidated score of **64** %

Online Assignments	23.44/25	Proctored Exam	40.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 926

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

Jul-Oct 2021  
(12 week course)

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



Indian Institute of Technology Kanpur



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

Roll No: NPTEL21CE51S33310091

To  
RITHIN T RAMESH  
SOUPARNIKA  
PERAVOOR THERU, PEARVOOR(PO)  
KANNUR  
KERALA - 670673  
PH. NO :9447144734



Score	Type 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

**RITHIN T RAMESH**

for successfully completing the course

## Glass Processing Technology

with a consolidated score of **72** %

Online Assignments	24.03/25	Proctored Exam	48/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 222

*Devendra Jalihal*

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

Jul-Oct 2021  
(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: NPTEL21ME81S33310121

To  
SANDRA MARIA SAJY  
KOORUMULLAMTHADATHIL (H)  
CHARAL P O  
ANGADIKKADAVU  
KERALA - 670706  
PH. NO :9447734288



Score	Type 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

**SANDRA MARIA SAJY**

for successfully completing the course

## Fundamentals of Manufacturing Processes

with a consolidated score of **53** %

Online Assignments	21.16/25	Proctored Exam	31.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **519**

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

Jul-Oct 2021  
(12 week course)

**Prof. Priti Maheshwari**  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



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

Roll No: NPTEL21ME104S13310112

To  
SANDRA MARIA SAJY  
KOORUMULLAMTHADATHIL (H)  
CHARAL P O  
ANGADIKKADAVU  
KERALA - 670706  
PH. NO :9447734288



Score	Type 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  
**SANDRA MARIA SAJY**  
for successfully completing the course



**Rapid Manufacturing**

with a consolidated score of **80** %

Online Assignments	23.13/25	Proctored Exam	57/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 926

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

Jul-Oct 2021  
(12 week course)

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



Indian Institute of Technology Kanpur



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

Roll No: NPTEL21CE69S33310117

To  
SAYUJYA P  
SAYUJYAM""  
ATHAZHAKUNNU, KOTTALI  
KANNUR  
KERALA - 670005  
PH. NO :8289905245



Score	Type 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

**SAYUJYA P**

for successfully completing the course

## Municipal Solid Waste Management

with a consolidated score of **51** %

Online Assignments	20.85/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **812**

Jul-Oct 2021  
(12 week course)

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



Indian Institute of Technology Guwahati





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Roll No: NPTEL21CE69S33310208

To  
SWATHIMA SASIKUMAR  
VALSALA NIVAS  
(PO) KUTTUR, (VIA) MATHAMANGALAM  
PAYYANNUR  
KERALA - 670306  
PH. NO :9188604177



Score	Type 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

**SWATHIMA SASIKUMAR**

for successfully completing the course

## Municipal Solid Waste Management

with a consolidated score of **51** %

Online Assignments	20.53/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **812**

Jul-Oct 2021  
(12 week course)

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



Indian Institute of Technology Guwahati



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Roll No: NPTEL21ME104S13310218

To  
SRIPIN PRADEEP M K  
SREENILAYAM THANTHODE IRITTY  
KERALA - 670703  
PH. NO :9446778493



Score	Type 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

**SRIPIN PRADEEP M K**

for successfully completing the course

**Rapid Manufacturing**

with a consolidated score of **62** %

Online Assignments	23.13/25	Proctored Exam	39/75
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Total number of candidates certified in this course: 926

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

Jul-Oct 2021  
(12 week course)

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



Indian Institute of Technology Kanpur



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Roll No: NPTEL21CE69S33310191

To  
SREERAG R  
SREERAGAM  
MANIYARA , P/O KANAYI, 670307  
PAYYANUR  
KERALA - 670307  
PH. NO :9526534223



Score	Type 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

**SREERAG R**

for successfully completing the course

## Municipal Solid Waste Management

with a consolidated score of **54** %

Online Assignments	20.53/25	Proctored Exam	33.5/75
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Total number of candidates certified in this course: **812**

Jul-Oct 2021  
(12 week course)

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



Indian Institute of Technology Guwahati





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Roll No: NPTEL21ME104S13310182

To  
SREERAG M  
KUNNUMMAL VEEDU, NIDUVALOOR, CHUZHALI (PO)  
KERALA - 670142  
PH. NO : 9446590489



Score	Type 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

**SREERAG M**

for successfully completing the course

**Rapid Manufacturing**

with a consolidated score of **75** %

Online Assignments	24.06/25	Proctored Exam	51/75
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Total number of candidates certified in this course: 926

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

Jul-Oct 2021  
(12 week course)

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



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

Roll No: NPTEL21ME81S33310193

To  
SREERAG M  
KUNNUMMAL VEEDU, NIDUVALOOR, CHUZHALI (PO)  
KERALA - 670142  
PH. NO : 9446590489



Score	Type 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

**SREERAG M**

for successfully completing the course

## Fundamentals of Manufacturing Processes

with a consolidated score of **68** %

Online Assignments	22.81/25	Proctored Exam	45/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **519**

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

Jul-Oct 2021  
(12 week course)

**Prof. Priti Maheshwari**  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



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Roll No: NPTEL21CE69S33310173

To  
SONA TREESA ROJERS  
PERUMPANANI (H)  
MM ROAD PILATHARA  
KANNUR  
KERALA - 670504  
PH. NO :6282762770



Score	Type 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

**SONA TREESA ROJERS**

for successfully completing the course

## Municipal Solid Waste Management

with a consolidated score of **53** %

Online Assignments	20.85/25	Proctored Exam	32.5/75
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Total number of candidates certified in this course: **812**

Jul-Oct 2021  
(12 week course)

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



Indian Institute of Technology Guwahati





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Roll No: NPTEL21EE80S13310721

To  
SEBASTIAN JACOB  
AYANTHICKAL HOUSE  
VEETIYADI  
BANDADKA  
KERALA - 671541  
PH. NO :9188087137



Score	Type 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

**SEBASTIAN JACOB**

for successfully completing the course

## Semiconductor Devices and Circuits

with a consolidated score of **61** %

Online Assignments	24.06/25	Proctored Exam	36.74/75
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Total number of candidates certified in this course: **56**

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

Jul-Oct 2021  
(12 week course)

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



Indian Institute of Science Bangalore

