



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

RATHAN PATKAR

for successfully completing the course

Maintenance and Repair of Concrete Structures

with a consolidated score of **55** %

Online Assignments	25/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **1027**

Prof. Devendra Jalihal

Chairperson,

Centre for Outreach and Digital Education, IITM

Jan-Apr 2023

(12 week course)

Prof. Andrew Thangaraj

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CE06S34150020

To validate the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
ANKITH SUVARNA
for successfully completing the course

Mechatronics

with a consolidated score of **54** %

Online Assignments	18.33/25	Proctored Exam	36/75
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Total number of candidates certified in this course: **232**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Feb-Apr 2023

(8 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL23ME50S34860012

To validate the certificate



No. of credits recommended: 2 or 3



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
SHEIKH MOHAMMED SHUHOOD
for successfully completing the course

Blockchain and its Applications

with a consolidated score of **60** %

Online Assignments	20.85/25	Proctored Exam	39/75
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Total number of candidates certified in this course: **1891**

Jan-Apr 2023
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS47S34860015

To validate the certificate



No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

RATHAN PATKAR

for successfully completing the course

Air Pollution and Control

with a consolidated score of **68** %

Online Assignments	24.38/25	Proctored Exam	43.5/75
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Total number of candidates certified in this course: **7382**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Apr 2023

(12 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL23CE14S54150012

To validate the certificate



No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

RATHAN PATKAR

for successfully completing the course

Basic Construction Materials

with a consolidated score of **67** %

Online Assignments	25/25	Proctored Exam	42/75
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Total number of candidates certified in this course: **799**

Prof. Devendra Jalihal

Chairperson,

Centre for Outreach and Digital Education, IITM

Jan-Apr 2023

(12 week course)

Prof. Andrew Thangaraj

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CE18S64150086

To validate the certificate



No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
SHEIKH MOHAMMED SHUHOOD
for successfully completing the course

Ethical Hacking

with a consolidated score of **68** %

Online Assignments	22.35/25	Proctored Exam	45.32/75
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Total number of candidates certified in this course: **2228**

Jan-Apr 2023

(12 week course)

Prof. Debjani Chakraborty

Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS44S64860052

To validate the certificate



No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
NITHISHVAR P
for successfully completing the course

Programming, Data Structures and Algorithms using Python

with a consolidated score of **68** %

Online Assignments	25/25	Proctored Exam	43.13/75
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Total number of candidates certified in this course: **1844**

Prof. Devendra Jalihal

Chairperson,

Centre for Outreach and Digital Education, IITM

Jan-Mar 2023

(8 week course)

Prof. Andrew Thangaraj

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS15S35120037

To validate the certificate



No. of credits recommended: 2 or 3



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
SHISHIRA BHAT
for successfully completing the course

Programming, Data Structures and Algorithms using Python

with a consolidated score of **55** %

Online Assignments	25/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **1844**

Prof. Devendra Jalihal

Chairperson,

Centre for Outreach and Digital Education, IITM

Jan-Mar 2023

(8 week course)

Prof. Andrew Thangaraj

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS15S45120067

To validate the certificate



No. of credits recommended: 2 or 3



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

DEEKSHA M PAI

for successfully completing the course

Programming, Data Structures and Algorithms using Python

with a consolidated score of **54** %

Online Assignments	23.96/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **1844**

Prof. Devendra Jalihal

Chairperson,

Centre for Outreach and Digital Education, IITM

Jan-Mar 2023

(8 week course)

Prof. Andrew Thangaraj

NPTEL, Coordinator

IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS15S35120013

To validate the certificate



No. of credits recommended: 2 or 3