

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22PH08S34060009

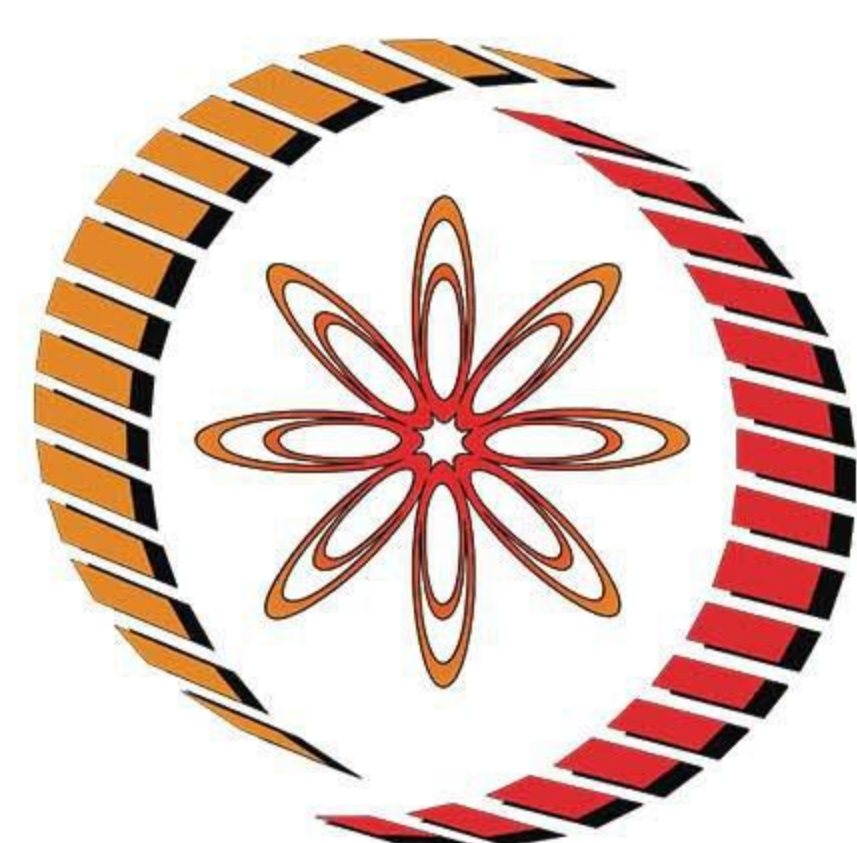
To  
ANISH AJIT SAWANT  
H.NO.A-10,D.N GARDEN HOMES,NR. KINGS  
SCHOOL,MUGALLI,SAO JOSE DE AREAL,SALCETE  
CURTORIM  
GOA - 403709  
PH. NO :7875044269



Score	Type 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 MoE, Govt. of India)



This certificate is awarded to

**ANISH AJIT SAWANT**

for successfully completing the course

## A Brief Course on Superconductivity

with a consolidated score of **61** %

Online Assignments	23.08/25	Proctored Exam	37.5/75
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Total number of candidates certified in this course: **148**

Jan-Feb 2022  
(4 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.

Roll No: NPTEL22PH05S44020291

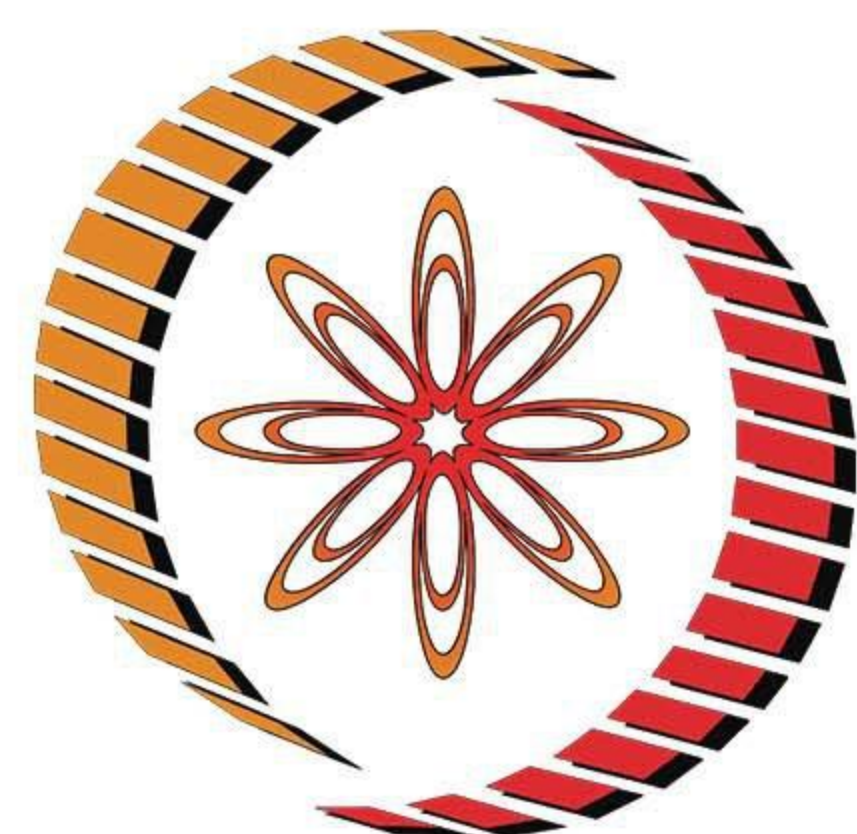
To  
ANIRUDH PARSEKAR  
NEAR KHAPRESHWAR TEMPLE BELABAI VASCO  
BEHIND DATTA MANDIR ORULEM VASCO GOA  
VASCO DA GAMA  
GOA - 403802  
PH. NO :919284074585



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 MoE, Govt. of India)



This certificate is awarded to

**ANIRUDH PARSEKAR**

for successfully completing the course

**Experimental Physics - II**

with a consolidated score of **56** %

Online Assignments	19.94/25	Proctored Exam	36/75
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Total number of candidates certified in this course: **136**

**Prof. Jayanta Mukhopadhyay**  
Dean Outreach  
IIT Kharagpur

Jan-Apr 2022  
(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.

Roll No: NPTEL22PH05S34020031

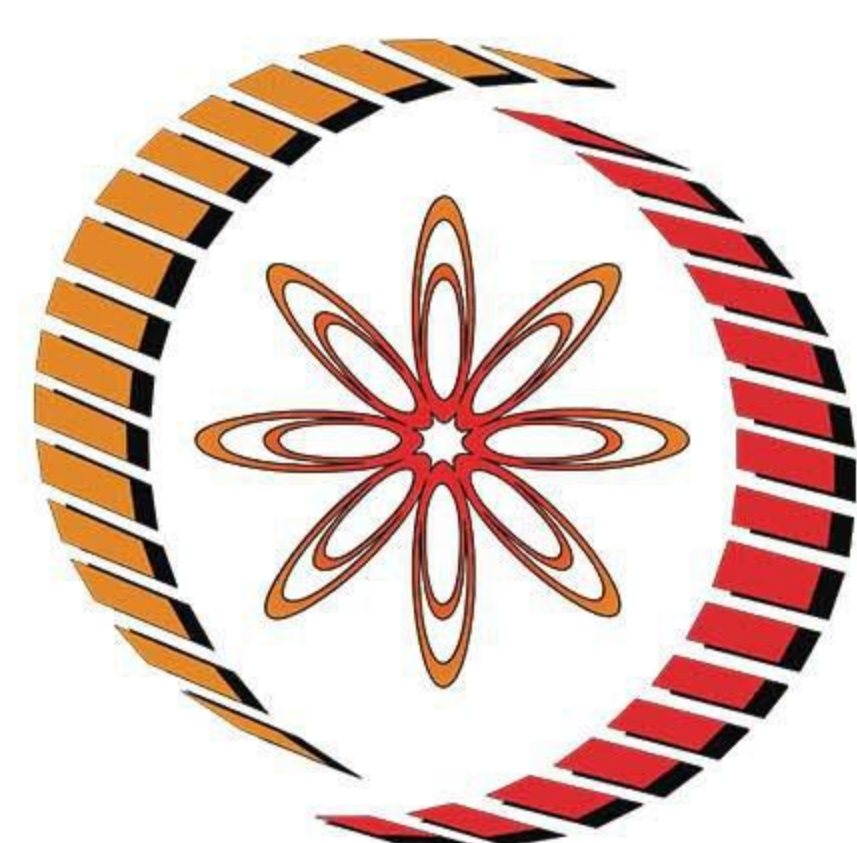
To  
MANTHAN S SAWANT  
BUILDING NO 149(2/3) C TYPE MPT COLONY  
HEADLAND SADA, VASCO DA GAMA, GOA  
VASCO DA GAMA  
GOA - 403804  
PH. NO :9284509449



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 MoE, Govt. of India)



This certificate is awarded to

**MANTHAN S SAWANT**

for successfully completing the course

**Experimental Physics - II**

with a consolidated score of **52** %

Online Assignments	21.75/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **136**

**Prof. Jayanta Mukhopadhyay**  
Dean Outreach  
IIT Kharagpur

Jan-Apr 2022  
(12 week course)

**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur





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Roll No: NPTEL22AG02S24020660

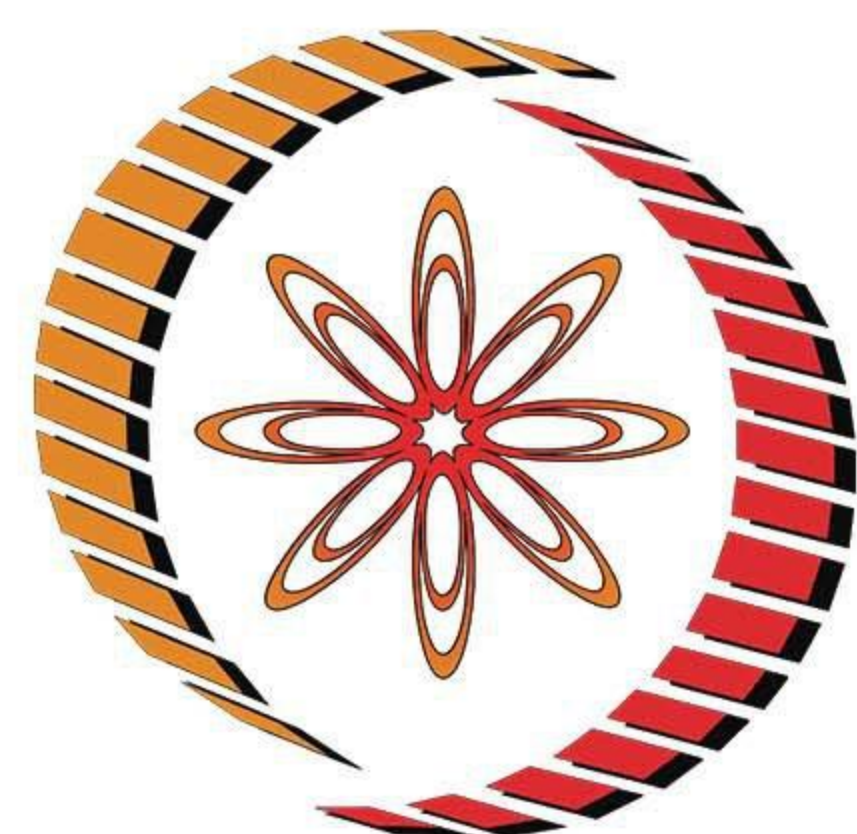
To  
MAULI Y SHIRODKAR  
H.NO.999/4, SHANTINAGAR, MARGAO GOA.  
BEHIND SHISHU VIKAS HIGH SCHOOL, MARGAO  
NAVELIM  
GOA - 403707  
PH. NO :9421080642



Score	Type 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 MoE, Govt. of India)



This certificate is awarded to

**MAULI Y SHIRODKAR**

for successfully completing the course

**Soil Science and Technology**

with a consolidated score of **47** %

Online Assignments	14.38/25	Proctored Exam	33/75
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Total number of candidates certified in this course: **96**

**Prof. Jayanta Mukhopadhyay**  
Dean Outreach  
IIT Kharagpur

Jan-Apr 2022  
(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.

Roll No: NPTEL22AG02S14020378

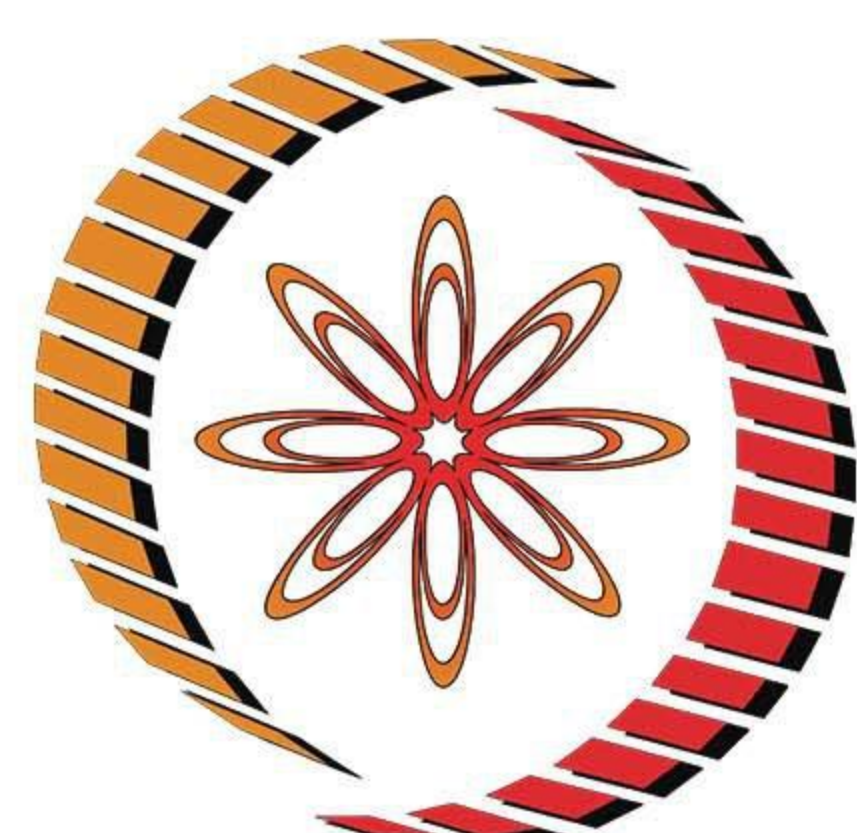
To  
PEARLITA ABIGAIL FERNANDES  
H.NO. 46, GANDULIM, COLVA, SALCETE, GOA  
GOA - 403708  
PH. NO :8308498601



Score	Type 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

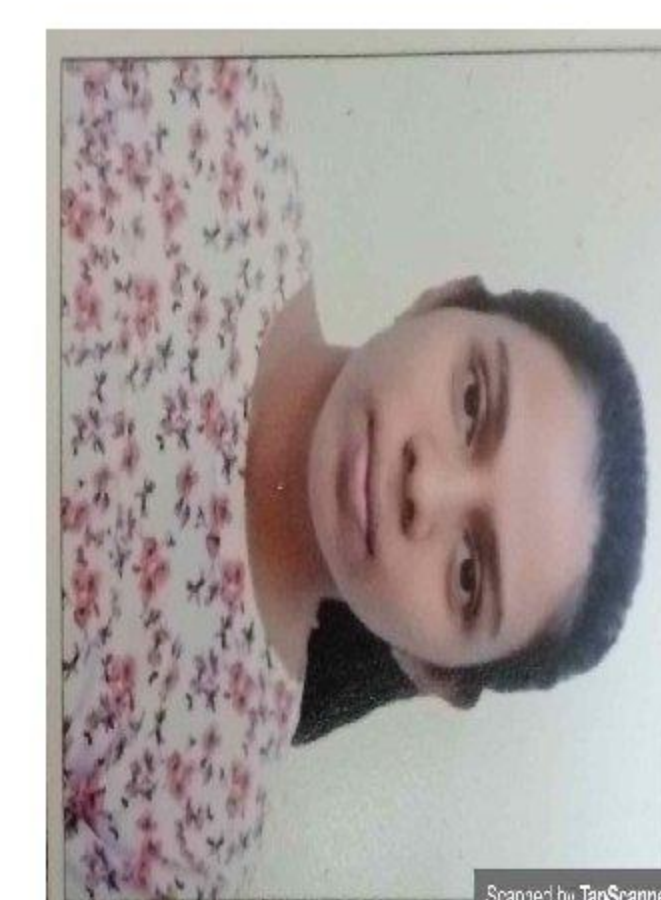
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**PEARLITA ABIGAIL FERNANDES**

for successfully completing the course

**Soil Science and Technology**

with a consolidated score of **65** %

Online Assignments	20/25	Proctored Exam	45/75
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Total number of candidates certified in this course: **96**

**Prof. Jayanta Mukhopadhyay**  
Dean Outreach  
IIT Kharagpur

Jan-Apr 2022  
(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.

Roll No: NPTEL22BT27S34020077

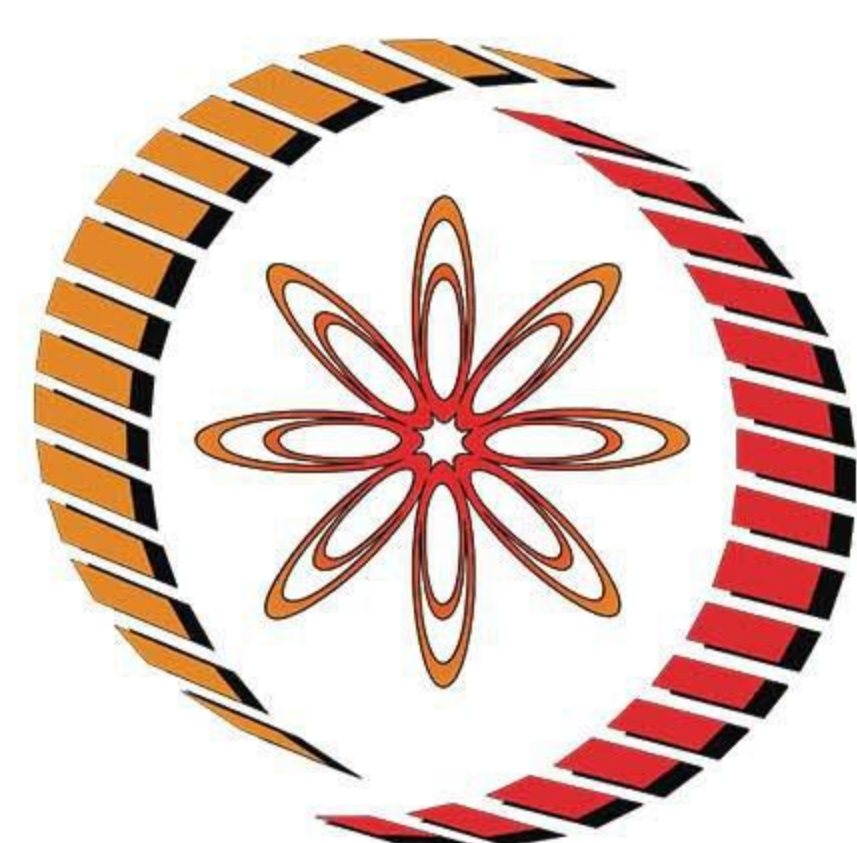
To  
PEARLITA ABIGAIL FERNANDES  
H.NO. 46, GANDULIM, COLVA, SALCETE, GOA  
GOA - 403708  
PH. NO :8308498601



Score	Type 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

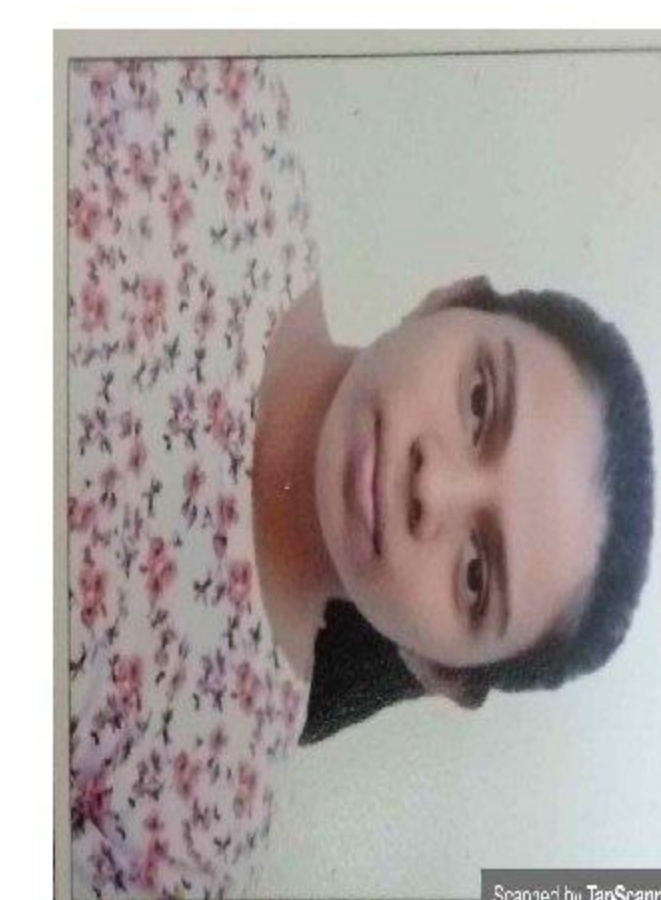
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**PEARLITA ABIGAIL FERNANDES**

for successfully completing the course

**Plant Developmental Biology**

with a consolidated score of **61** %

Online Assignments	12.5/25	Proctored Exam	48/75
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Total number of candidates certified in this course: **194**

**Prof. Sanjeev Manhas**  
Coordinator, Continuing Education Centre  
IIT Roorkee

Feb-Mar 2022  
(4 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.

Roll No: NPTEL22PH05S34020547

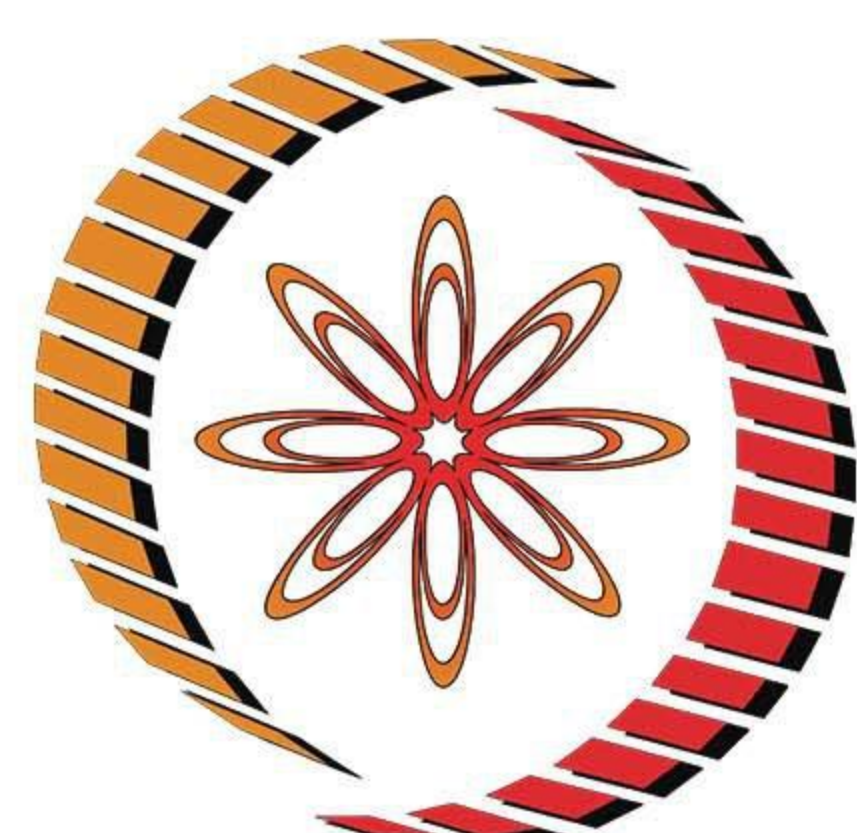
To  
SAKSHI DESAI  
TRIMURTI APARTMENT SHANTINAGAR PONDA GOA  
SHANTINAGAR PONDA  
PONDA  
GOA - 403401  
PH. NO :9370145645



Score	Type 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 MoE, Govt. of India)



This certificate is awarded to

**SAKSHI DESAI**

for successfully completing the course

**Experimental Physics - II**

with a consolidated score of **58** %

Online Assignments	20.6/25	Proctored Exam	37.5/75
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Total number of candidates certified in this course: **136**

**Prof. Jayanta Mukhopadhyay**  
Dean Outreach  
IIT Kharagpur

Jan-Apr 2022  
(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.

Roll No: NPTEL22PH05S34020146

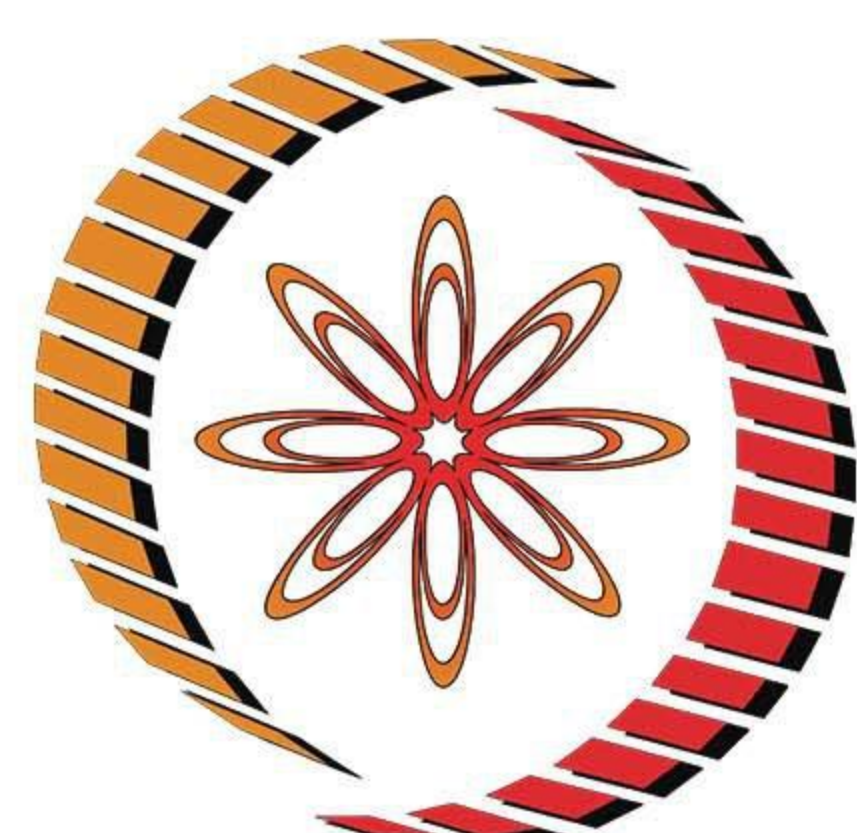
To  
SEJAL UDAY LOTLIKER  
D-1, SHUBH ASHIRWAD CO-OP HSG. STY. LTD.  
AMBAJI, FATORDA, MARGAO - GOA  
MARGAO  
GOA - 403602  
PH. NO :919404091379



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 MoE, Govt. of India)



This certificate is awarded to

**SEJAL UDAY LOTLIKER**

for successfully completing the course

**Experimental Physics - II**

with a consolidated score of **83** %

Online Assignments	23.1/25	Proctored Exam	60/75
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Total number of candidates certified in this course: **136**

**Prof. Jayanta Mukhopadhyay**  
Dean Outreach  
IIT Kharagpur

Jan-Apr 2022  
(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.

Roll No: NPTEL22MA37S14020473

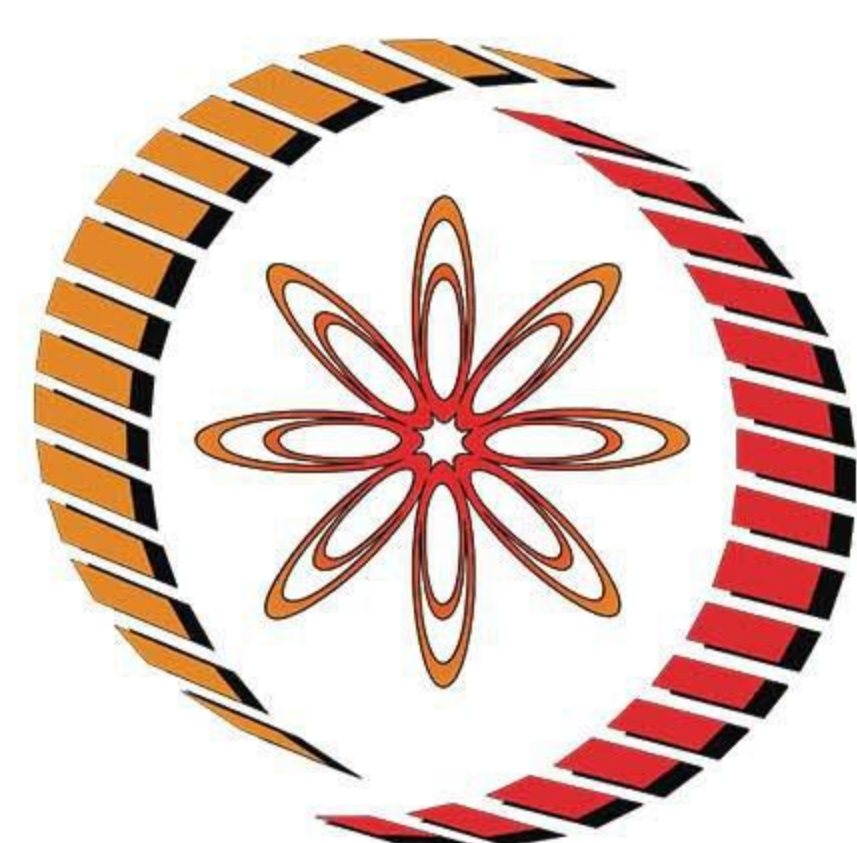
To  
SUPRIYO PRAMANIK  
HNO. 346/1(2)  
KESERVAL COLONY  
QUELLOSIM  
GOA - 403710  
PH. NO :9503680082



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 MoE, Govt. of India)



This certificate is awarded to

**SUPRIYO PRAMANIK**

for successfully completing the course

## Mathematical Methods in Physics 1

with a consolidated score of **61** %

Online Assignments	19.08/25	Proctored Exam	41.87/75
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Total number of candidates certified in this course: **28**

**Prof. Snigdha Thakur**  
Dean, Academic Affairs  
IISER Bhopal

**Prof. Aasheesh Srivastava**  
NPTEL Coordinator  
IISER Bhopal

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



IISER - Indian Institute of Science  
Education and Research Bhopal

Feb-Apr 2022  
(8 week course)





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

Roll No: NPTEL21BT41S34150297

To  
SRUJANA RAGHUVeer NAIK  
D/O RAGHUVeer NAIK H.NO. 305 A KRCL  
QTRS. NO. 305 B KONKAN RAILWAY COLONY  
MADGAON  
GOA - 403601  
PH. NO :7588653951



Score	Type 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

**SRUJANA RAGHUVeer NAIK**

for successfully completing the course

**Environmental Biotechnology**

with a consolidated score of **57** %

Online Assignments	22.81/25	Proctored Exam	33.75/75
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Total number of candidates certified in this course: 235

**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





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Roll No: NPTEL22BT27S34020077

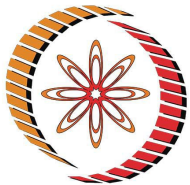
To  
PEARLITA ABIGAIL FERNANDES  
H.NO. 46, GANDULIM, COLVA, SALCETE, GOA  
GOA - 403708  
PH. NO :8308498601



Score	Type 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

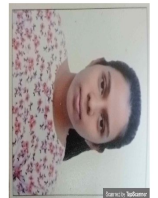
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**PEARLITA ABIGAIL FERNANDES**

for successfully completing the course

**Plant Developmental Biology**

with a consolidated score of **61** %

Online Assignments	12.5/25	Proctored Exam	48/75
--------------------	---------	----------------	-------

Total number of candidates certified in this course: **194**

**Prof. Sanjeev Manhas**  
Coordinator, Continuing Education Centre  
IIT Roorkee

Feb-Mar 2022  
(4 week course)

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



Indian Institute of Technology Roorkee



Roll No:NPTEL22BT27S34020077

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.

Roll No: NPTEL22AG02S14020378

To  
PEARLITA ABIGAIL FERNANDES  
H.NO. 46, GANDULIM, COLVA, SALCETE, GOA  
GOA - 403708  
PH. NO :8308498601



Score	Type 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 MoE, Govt. of India)



This certificate is awarded to

**PEARLITA ABIGAIL FERNANDES**

for successfully completing the course

**Soil Science and Technology**

with a consolidated score of **65** %

Online Assignments	20/25	Proctored Exam	45/75
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Total number of candidates certified in this course: **96**

Prof. Jayanta Mukhopadhyay  
Dean Outreach  
IIT Kharagpur

Jan-Apr 2022  
(12 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur

