



Roll No: NPTEL17PH08S2460229

To

MRINAL KANTI DEBNATH
188/1, KABI NABIN SEN ROAD, GUPTA MANJIL
DUM DUM
KOLKATA
WEST BENGAL
700028
PH. NO :9231894617



Score	Type of Certificate
>=90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:3



NPTEL Online Certification

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



This certificate is awarded to
MRINAL KANTI DEBNATH

for successfully completing the course

Solid State Physics

with a consolidated score of **59 %**

Online Assignments	22/25	Proctored Exam	36.75/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **134**

Prof. Anupam Basu
Chairman and Head

Centre for Educational Technology, IIT Kharagpur

Jul-Oct 2017
(12 week course)

Prof. Adrijit Goswami
Dean

Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur

Roll No: NPTEL17PH08S2460229

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



Roll No: NPTEL19PH01S41630880

To

MRINAL KANTI DEBNATH
188/1 KABI NABIN SEN ROAD PS AND PO DUM
DUM
DUM DUM
KOLKATA
WEST BENGAL
700028
PH. NO :9231894617



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

No. of credits recommended by NPTEL:3



Elite

NPTEL Online Certification

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



This certificate is awarded to

MRINAL KANTI DEBNATH

for successfully completing the course



Experimental Physics I

with a consolidated score of **91** %

Online Assignments	23.69/25	Proctored Exam	67.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 126

Jan-Apr 2019
(12 week course)

A. Goswami
Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
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: NPTEL22PH06S43701975

To
MRINAL KANTI DEBNATH
188/1 KABI NABIN SEN ROAD
KAZI PARA , GUPTA MANJIL
24 PGS NORTH
WEST BENGAL - 700028
PH. NO :9231894617



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

MRINAL KANTI DEBNATH

for successfully completing the course

Quantum Mechanics I

with a consolidated score of **46** %

Online Assignments	15.78/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **29**

Jan-Apr 2022
(12 week course)

Prof. Sridhar Iyer
Head CDEEP & NPTEL Coordinator
IIT Bombay



Indian Institute of Technology Bombay





Roll No:NPTEL18PH02S1510591

To

MRINAL KANTI DEBNATH
188/1, KABI NABIN SEN ROAD, P.S. & P.O.
- DUMDUM, KOLKATA
KOLKATA
NORTH 24 PARGANAS
WEST BENGAL
700028
PH. NO :9231894617



Score	Type of Certificate
>=90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:3



Elite

NPTEL Online Certification

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



This certificate is awarded to

MRINAL KANTI DEBNATH

for successfully completing the course

Nuclear and Particle Physics

with a consolidated score of **63 %**

Online Assignments	20.5/25	Proctored Exam	42/75
--------------------	---------	----------------	-------

Total number of candidates certified in this course: **101**

Prof. Sunil Khijwania
Head, Center for Educational Technology
NPTEL Coordinator, IIT Guwahati

Jan-Apr 2018
(12 week course)



Indian Institute of Technology Guwahati





Roll No: NPTEL19MA12S31630848

To

MRINAL KANTI DEBNATH
188/1 KABI NABIN SEN ROAD PS AND PO DUM
DUM
DUM DUM
KOLKATA
WEST BENGAL
700028
PH. NO :9231894617



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

No. of credits recommended by NPTEL:3



NPTEL Online Certification

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



This certificate is awarded to

MRINAL KANTI DEBNATH

for successfully completing the course

Mathematical Methods and Its Applications

with a consolidated score of **47** %

Online Assignments	17.38/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **345**

Prof. B. K. Gandhi
Coordinator, Continuing Education Centre
NPTEL Coordinator, IIT Roorkee

Jan-Apr 2019
(12 week course)



Indian Institute of Technology Roorkee



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

Roll No: NPTEL20PH09S61810091

To
MRINAL KANTI DEBNATH
188/1, KABI NABIN SEN ROAD,,
PS & PO DUM DUM,
DIST 24 PGS (N) ,KOLKATA ----28
KOLKATA
WEST BENGAL - 700028
PH. NO :9231894617



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.



TOPPER

Elite

NPTEL Online Certification

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



This certificate is awarded to
MRINAL KANTI DEBNATH
for successfully completing the course



Experimental Physics III

with a consolidated score of **87** %

Online Assignments	22.78/25	Proctored Exam	64.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 12

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

Jan-Apr 2020
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL20PH09S61810091

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: NPTEL20PH04S41810079

To
MRINAL KANTI DEBNATH
188/1, KABI NABIN SEN ROAD,,
PS & PO DUM DUM,
DIST 24 PGS (N) ,KOLKATA ----28
KOLKATA
WEST BENGAL - 700028
PH. NO :9231894617



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.



TOPPER

Elite

NPTEL Online Certification

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



This certificate is awarded to
MRINAL KANTI DEBNATH
for successfully completing the course



Experimental Physics - II

with a consolidated score of **94** %

Online Assignments	24.69/25	Proctored Exam	69/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **31**

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

Jan-Apr 2020
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur





Roll No:NPTEL18PH01S3510658

To

MRINAL KANTI DEBNATH
188/1, KABI NABIN SEN ROAD, P.S. & P.O.
- DUMDUM, KOLKATA
KOLKATA
NORTH 24 PARGANAS
WEST BENGAL
700028
PH. NO :9231894617



Score	Type of Certificate
>=90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:3



TOPPER

Elite

NPTEL Online Certification

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



This certificate is awarded to

MRINAL KANTI DEBNATH

for successfully completing the course

Atomic and Molecular Physics

with a consolidated score of **84 %**

Online Assignments	22.75/25	Proctored Exam	61.5/75
--------------------	----------	----------------	---------

Prof. Anupam Basu
NPTEL Coordinator
IIT Kharagpur

Total number of candidates certified in this course: **57**

Jan-Apr 2018
(12 week course)

Prof. Adrijit Goswami
Dean
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur

