



भारतीय प्रौद्योगिकी संस्थान मुंबई
INDIAN INSTITUTE OF TECHNOLOGY BOMBAY
पवई / Powai, मुंबई / Mumbai 400 076



Date of Issue : 12-January-2021 , liable to change since student has not yet graduated

Roll Number: 18I170002

Name of the Student: Brinti Mondal

Programme: M.Sc. & Ph.D. Dual Degree (M.Sc. & Ph.D. Dual Degree)

Academic Unit:

Energy Science and Engineering

Joining Month & Year: July 2018

Code	Name	Credits	Tag	Grade	Code	Name	Credits	Tag	Grade
------	------	---------	-----	-------	------	------	---------	-----	-------

Academic Year: 2018 - 2019, Term: Semester Autumn

EN 407 Chemistry for Energy Science	6.0	MA	AB	EN 413 Materials Science for Energy	6.0	MA	AB
EN 409 Mathematical Foundation for Energy Science	6.0	MA	CC	EN 415 Energy Laboratory I	6.0	MA	AA
EN 411 Physics for Energy Science	6.0	MA	CC	EN 417 Computer Programming	6.0	MA	BC

SPI=7.83/10

CPI=7.83/10

Academic Year: 2018 - 2019, Term: Semester Spring

EN 301 Introduction to Renewable Energy Technologies	6.0	MA	BC	EN 418 Introduction to Transport Phenomena	6.0	MA	BC
EN 412 Thermodynamics and Statistical Mechanics	6.0	MA	CC	EN 420 Energy Laboratory II	3.0	MA	AB
EN 414 Methods in Analytical Techniques	8.0	MA	AB	EN 422 Seminar	4.0	MA	AB
EN 416 Basics of Electrical and Electronic Systems	6.0	MA	BC				

SPI=7.62/10

CPI=7.72/10

Academic Year: 2019 - 2020, Term: Semester Autumn

EN 606 Energy Resources, Economics and Environment	6.0	MA	BC	EN 691 M.Sc.-Ph.D. Project I	8.0	MA	AB
EN 618 Energy Systems Modelling & Analysis	6.0	MA	BB	EN 792 Communication Skills -II	4.0	MA	PP
EN 632 Waste to Energy	6.0	MA	BB	HS 791 Communication Skills -I	2.0	MA	PP
EN 655 Energy Laboratory III	3.0	MA	AB	MM 717 Electrochemical Materials Science	6.0	MA	AB

SPI=8.31/10

CPI=7.91/10

Academic Year: 2019 - 2020, Term: Semester Spring

EN 610 Hydrogen Energy	6.0	MA	CC	EN 692 M.Sc.-Ph.D. Project II	8.0	MA	AA
EN 612 Non-conventional Energy Systems Lab.	3.0	MA	AB	MM 684 X-Ray Diffraction and Electron Microscopy	6.0	MA	BB
EN 658 Electrochemical Energy Storage	6.0	MA	AB	MM 700 Electrochemical and Materials Perspective in Energy Storage	6.0	MA	AB

SPI=8.54/10

CPI=8.06/10

Academic Year: 2020 - 2021, Term: Semester Autumn

EN 693 M.Sc.-Ph.D. Project III	24.0	MA	AA	MM 732 Structural Characterization of Materials	3.0	MA	AA
ES 505 Health, Safety and Environment	6.0	MA	AA	MM 735 Material Characterization at High Temperatures	3.0	MA	AA

SPI=10.00/10

CPI=8.45/10

Mandatory Course Credits (MA)	= 181.0	Overall CPI	= 8.45/10
Overall Credits Completed	= 181.0		
Overall Grade Points	= 1529.0		

Current Status

The academic requirements for the degree are yet to be completed.

Signature & Seal of Transcript Issuing Authority:

[Signature]

Joint/Assistant Registrar (Academic), IIT Bombay

Date: 12-January-2021

Place: Mumbai

Sr. Assistant Registrar (Academic)
भारतीय प्रौद्योगिकी संस्थान, मुंबई
Indian Institute of Technology, Bombay
पवई मुंबई / Powai, Mumbai - 400 076



CONTINUED



भारतीय प्रौद्योगिकी संस्थान मुंबई
INDIAN INSTITUTE OF TECHNOLOGY BOMBAY
पवई / Powai, मुंबई / Mumbai 400 076



Name of the Student: Brinti Mondal

Roll Number: 18I170002

General information

The medium of instruction at the Institute is English.

Course credits and grade: Each course is associated with credits which are an indicator of its relative weight in calculating the academic performance. A two-letter grade is awarded to students on the basis of their performance in examinations and assignments of a specific course. The letter grades have numerical equivalents on a 0-10 scale as given below.

Letter Grade	AP	AA	AB	BB	BC	CC	CD	DD	FF	FR	W	DX	PP	NP	AU
Numerical Equivalent	10	10	9	8	7	6	5	4	0	0	-	-	-	-	-

FF: Fail, FR: Fail and repeat, W: Withdrawn, DX: Insufficient attendance, AU: Satisfactory performance in an audit course, PP: Pass, NP: Not Pass. The minimum passing grade in a course is DD. The grade AP is awarded to students with exceptional performance in core courses of a programme. Numerical equivalents of letter grades are referred to as grade points.

The numerical grade points are not convertible into marks or percentages.

Performance Indicators: The performance of a student in a semester is given by a number called the Semester Performance Index (SPI), which is the weighted average of the earned grade points in the courses during the semester.

If a student has courses with credits C_1, C_2, \dots, C_n , with grade points of G_1, G_2, \dots, G_n respectively, then

Semester Credits = $C_1 + C_2 + \dots + C_n$	Semester Grade Points = $C_1G_1 + C_2G_2 + \dots + C_nG_n$	SPI = Semester Grade Points ÷ Semester Credits
--	--	--

Cumulative Performance Index (CPI) is the weighted average of the grade points in the courses in all semesters. The indices SPI and CPI are calculated upto two decimal places.

Courses are tagged as MA: Mandatory (Core/Elective), MI: Minor, HO: Honours, AL: Additional Learning, AU: Audit

- Each degree programme has mandatory credits consisting of core courses, elective courses, and non credit courses. These courses are tagged as MA.
- For calculation of SPI and CPI, grades obtained only in mandatory courses (MA) are considered.
- Students can supplement the learning experience by crediting additional courses. Credits earned in these courses, when appropriate, can earn additional credentials either in the form of "Honours" (HO) in the chosen discipline or "Minor" (MI) in another discipline or both.
- "Honours" is not indicative of proficiency, and can be earned by completing the additional prescribed set of advanced core and elective courses in the chosen discipline. "Minor" can be earned by completing the prescribed set of courses in a discipline other than the chosen discipline. Additional courses that are not used for earning "Honours" or "Minor" are tagged as "Additional Learning" (AL).
- The AU is awarded based on satisfactory attendance and fulfilling the minimum requirements as set by the course instructor. It carries no grade points and does not figure in SPI or CPI calculations.
- PP or NP is awarded in some credit courses that are not earmarked with a letter grade. Correspondingly, PP/NP does not carry a grade point.
- The research work related to Ph.D. thesis is mentioned as Thesis Research. It does not carry a course number, credits, or grade.

The Institute does not award any class or division. Notionally, the CPI may be multiplied by a factor of 10 to obtain a numerical percentage.

The veracity of this document can be ascertained by using the verification ticket number in the URL given at the bottom of this page.

END OF TRANSCRIPT

Roll Number: 18I170002

Serial No. 264

Roll ..3544-51..... No. 0031.....

UNIVERSITY OF CALCUTTA

PROVISIONAL CERTIFICATE



I certify that*Brinti Mondal*.....
passed the*B.L. (2nd. Hous.)*..... Examination of this
University held in the month of*year*..... 20*18*.....
and that he/she was placed in the*First*..... Class/Division
in*Chemistry*.....

SENATE HOUSE :

The *23rd* *July*, 20*18*. }

A handwritten signature in blue ink, likely belonging to the Controller of Examinations.

H./Dy./Asth. Controller of Examinations.



भारतीय प्रौद्योगिकी संस्थान मुंबई
पवई, मुंबई-400 076, भारत
Indian Institute of Technology Bombay
Powai, Mumbai-400 076, India



दूरभाष/Phone : (+91-22) 2572 2545
फैक्स/Fax : (+91-22) 2572 3480
वेबसाईट/Website : www.iitb.ac.in

IIT Bombay

No.ACAD/CERT/MoI/2020

Date: 28th May, 2020

TO WHOMSOEVER IT MAY CONCERN

It is certified that the medium of instructions at IIT Bombay for all courses for all degree programmes has always been English.

Amitavade

Dean (Academic Programmes)



This Certifies that

Brinti Mondal

has successfully completed the requirements for

Active Listening Level 1

17 Hours of Active Listening

with all rights and privileges herein.

July 24, 2020

Glen Moriarty
Founder, 7 Cups



BRINTI MONDAL <brinti.iitb@gmail.com>

Thank you note from Glen

Glen Moriarty <noreply@7cups.com>
Reply-To: noreply@7cups.com
To: brinti.iitb@gmail.com

Sun, Jun 28, 2020 at 11:45 PM

Hello ,

We started 7 Cups back in June 2013 with just a handful of listeners. I was in a 3 month startup program in California. My wife flew out (with 4 kids!) to visit and help me out for a month. We'd each be doing 3 chats at a time. Often times I was up until 1 or 2 am because we didn't have enough listener coverage. Things have changed. **We now have over 200,000 listeners across 189 countries providing support in 140 languages, helping over a million people each month.** Amazing, right?

One thing that hasn't changed is the demand for emotional support or listening. Though our listener community has grown, the demand for emotional support and listening has actually grown at a faster rate. To put the demand in context, when it was just a handful of us, we were providing 50 conversations a week. Now, we are doing over 155,000 a week. The work you do on 7 Cups is very important. It is a tangible and practical way to help other people.

It means a lot to me that you are helping out. Thank you again for helping us reach our mission!

With gratitude,

Glen Moriarty, Psy.D.
Founder
[7 Cups](#)

7 Cups, [2955 Campus Dr, Ste 110, San Mateo, CA 94403](#)
P.S. If you want us to stop sending you emails, click [here](#).

7Cups.com // [2955 Campus Dr, Ste 110, San Mateo, CA 94403](#)
Want to stop receiving our emails? [Unsubscribe Here](#)



LEARNER RECORD

Learner Details



Name: Brinti Mondal
E-mail: brinti.iitb@gmail.com
Country: India

Total Study Time:

1:20:15

Certified Courses



Score
100%

Completed On
2020-07-29

Basic German Language Skills - Revised

This online German language course from Alison will introduce you to basic German vocabulary and grammar which will take you one step closer to your first perfect German conversation. Germany is internationally recognized as the industrial and economic powerhouse of Europe, so a working knowledge of German is essential for professionals in areas such as business, finance, economics, and politics. This course will make learning the German language a little easier and more rewarding.

Dr. Eric Corbett

Director of Certification



MANCH

16-Sep-2020

Brinti Mondal

has successfully completed

Introduction to Molecular Spectroscopy

an online non-credit course authorized by University of Manchester and offered through Coursera



Dr Patrick J O'Malley, DSc
School of Chemistry
The University of Manchester

COURSE CERTIFICATE



Verify at coursera.org/verify/6MDT7SNCBPXF

Coursera has confirmed the identity of this individual and their participation in the course.



16-Sep-2020

Brinti Mondal

has successfully completed

Electric Power Systems

an online non-credit course authorized by University at Buffalo, The State University of New York and offered through Coursera

A handwritten signature in black ink, reading 'Ilya Grinberg'.

Ilya Grinberg, Professor
Engineering Technology
Buffalo State College

COURSE CERTIFICATE



Verify at coursera.org/verify/68EELAGY96H3

Coursera has confirmed the identity of this individual and their participation in the course.



PRESIDENCY UNIVERSITY
KOLKATA

Department of Chemistry, PRESIDENCY UNIVERSITY, KOLKATA, INDIA

Presents

A One Day International Webinar on ***“Recent trends in Chemistry in the fields of Medicine and Industry”***

Certificate of Participation

This is to certify that Brinti Mondal, Student, IIT Bombay has successfully participated in a One Day International Webinar on “Recent trends in Chemistry in the fields of Medicine and Industry”, organized by the Department of Chemistry, Presidency University, Kolkata on 5th September 2020.

Convenor

Joint convenor

Secretary

Joint secretary





GRAPHENE
FLAGSHIP



Funded by
the European Union

Certificate of Attendance

This is to certify that

Brinti Mondal

has attended the event

**GRAPHENE FOR RESEARCH, INNOVATION,
COLLABORATION**

held on

Tuesday, September 22, 2020

to

Thursday, September 24, 2020

CERTIFICATE OF APPRECIATION

THIS CERTIFICATE IS PRESENTED TO

Brinti Mondal

in recognition of her efforts as a volunteer for the Python Workshop
conducted by the PG Academic Council on 30 August 2019.

Digital Signature
Aditya Chalishazar (17i170008)
07-Aug-20 01:43:52 PM

Aditya Chalishazar
General Secretary
Academic Affairs (PG)



Digital Signature
Bishwash Himanshu
Umeshchandra Sheela
(183010022)
07-Aug-20 01:23:13 PM

Himanshu Bishwash
Institute Secretary
Academic Affairs (Masters)



Course Completion Certificate

Brinti Mondal

has successfully completed 100% of the self-paced training course

Introduction to Statistical Methods with MATLAB



DIRECTOR, TRAINING SERVICES

31 July 2020



Course Completion Certificate

Brinti Mondal

has successfully completed 100% of the self-paced training course

Solving Ordinary Differential Equations with MATLAB



DIRECTOR, TRAINING SERVICES

29 July 2020



Course Completion Certificate

Brinti Mondal

has successfully completed 100% of the self-paced training course

Solving Nonlinear Equations with MATLAB



DIRECTOR, TRAINING SERVICES

28 July 2020



Course Completion Certificate

Brinti Mondal

has successfully completed 100% of the self-paced training course

Introduction to Linear Algebra with MATLAB



DIRECTOR, TRAINING SERVICES

28 July 2020



Course Completion Certificate

Brinti Mondal

has successfully completed 100% of the self-paced training course

Introduction to Symbolic Math with MATLAB



DIRECTOR, TRAINING SERVICES

27 July 2020



Course Completion Certificate

Brinti Mondal

has successfully completed 100% of the self-paced training course

Machine Learning Onramp



DIRECTOR, TRAINING SERVICES

24 July 2020



Course Completion Certificate

Brinti Mondal

has successfully completed 100% of the self-paced training course

MATLAB Onramp



DIRECTOR, TRAINING SERVICES

23 July 2020

Certificate

of hours of learning

Brinti Mondal

German for beginners by Learn german with Ania
04 hours 09 minutes

Month / Year
07 / 2020

Student signature:
Brinti Mondal


Adrian Medeiros Dantas
CEO / Director - Cursa

This certificate proves that the student has attended the following courses in the Cursa application, which is available in the Google application store (Google Play), proving the authenticity of the respective viewing time of video lessons that are made available by third parties through the platform of Youtube. To account for the time in the course, the student must watch the videos until the end. If you have received this certificate from someone else and want to verify that it is authentic, go to cursa.app/en/verify and consult by email:

brintimondal2014@gmail.com

Application manager: Medeiros Tecnologia LTDA - Brazilian company

E-mail: contato@appcursosdegraca.com.br





CERTIFICATE

OF ATTENDANCE

THIS CERTIFICATE IS PRESENTED TO

Brinti Mondal

on attending the webinar organized by We Listen Foundation & Konsciously
on the topic **COVID - 19 & Young Adults** by Dr. Aishwarya on Sept 26, 2020.

Raghav Goyal
NGO WeListen





CERTIFICATE

OF ATTENDANCE

THIS CERTIFICATE IS PRESENTED TO

Brinti Mondal

on attending the webinar organized by We Listen Foundation on the topic
Talking About Suicide: What You Need to Know to Help Save a Life
by Karen Lascelles on Oct 1, 2020.

Raghav Goyal
NGO WeListen



Certificate

of hours of learning

Brinti Mondal

German for beginners by Learn german with Ania
04 hours 09 minutes

Month / Year
07 / 2020

Student signature:
Brinti Mondal


Adrian Medeiros Dantas
CEO / Director - Cursa

This certificate proves that the student has attended the following courses in the Cursa application, which is available in the Google application store (Google Play), proving the authenticity of the respective viewing time of video lessons that are made available by third parties through the platform of Youtube. To account for the time in the course, the student must watch the videos until the end. If you have received this certificate from someone else and want to verify that it is authentic, go to cursa.app/en/verify and consult by email:

brintimondal2014@gmail.com

Application manager: Medeiros Tecnologia LTDA - Brazilian company

E-mail: contato@appcursosdegraca.com.br





www.soulsiitb.in | www.solarstudents.org

CERTIFICATE OF APPRECIATION

This certificate is awarded to

Brinti Mondal

for training students in a 1-day solar lamp assembly world record
event conducted at IIT Bombay, Powai on 2nd October, 2018



Prof. Chetan Singh Solanki
Dept. of Energy Science and Engineering
IIT Bombay



Because
ONE life lost
is **ONE** too many

I TOOK THE TRAINING...

I'M READY TO SAVE A LIFE

Brinti Mondal

has successfully completed the ZSA suicide awareness training

Thank you for taking the time to complete the training.

This training will help you to start the conversation which could save someone's life.

Please share the training with your family, friends and colleagues and together,
we can make a real change and work towards our goal of **Zero Suicide**.



**Print this
certificate**



ZeroSuicideAlliance.com



Zero Suicide Alliance



@Zer0Suicide



@zerosuicidealliance

Completed on:

29 July 2020



Because
ONE life lost
is **ONE** too many

I'M READY TO SUPPORT SOMEONE

WHO MAY BE STRUGGLING IN ISOLATION

Brinti Mondal

has successfully completed our Step Up Module in supporting someone through isolation

Thank you for taking the time to complete this module, we now encourage you to progress to our **ZSA Gateway Module**.

Please share the training with your family, friends and colleagues and together, we can make a real change and work towards our goal of **Zero Suicide**.



**Print this
certificate**



ZeroSuicideAlliance.com



Zero Suicide Alliance



@ZeroSuicide



@zerosuicidealliance

Completed on:

28/07/2020