



**REGENT
EDUCATION &
RESEARCH FOUNDATION
GROUP OF INSTITUTIONS**



Campus : Regent Education & Research Foundation Group of Institutions

Bara Kanthalia (Barrackpore), Post : Sewli Telinipara, P.S. : Titagarh, Kolkata - 700 121, Tel.: 033 30085433 / 34, Fax : 033-30085441

Regd. Office : 88, Chowringhee Road, Kolkata - 700 020, E-mail : rerfkolkata@gmail.com, Website : www.rerf.in

City Office : 3rd Floor, 60B Chowringhee Road, Kolkata - 700 020



**REGENT
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Serial No: 20229936



Enrollment No:
17EDCER006



राष्ट्रीय प्रौद्योगिकी संस्थान अगरतला

NATIONAL INSTITUTE OF TECHNOLOGY AGARTALA

upon the recommendation of the Senate hereby confers the degree of

Doctor of Philosophy in Engineering



PRITAM MALAKAR

in recognition of the Research work on

***Effects of Sediment Mobility on Turbulent Flow Characteristics over Immobile Sediment Bed
and Gravel Bed Surface***

Given this day, the 12th of November, 2022 under the seal of the Institute at Agartala in the Republic of India.


Director & Chairman
Senate


Registrar
NIT Agartala

Campus : Regent Education & Research Foundation Group of Institutions

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राष्ट्रीय प्रौद्योगिकी संस्थान अगरतला
National Institute of Technology Agartala

Jirania Tripura(W)-799046



Provisional Certificate

for the degree of

DOCTOR OF PHILOSOPHY

Certified that Mr. **PABITRA MAJI** Son/Daughter of **MANOJ KUMAR MAJI** has successfully completed all prescribed requirements for the degree of Doctor of Philosophy in Engineering in the Department of **Mechanical Engineering** of this Institute.

The date of the Ph.D Viva-Voce Examination is 12/05/2023

*The title of the Ph.D thesis is **Development of MoS₂ and CeO₂ reinforced Al7075 matrix hybrid composites by friction stir processing technique and their characterization***

This certificate is issued this day, the 06/06/2023, with the approval of the authority.


Registrar
NIT Agartala



Assistant Registrar (Academic Affair)
NIT Agartala

Note: Validity of this certificate will expire after the degree is awarded in the next Convocation.



**REGENT
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যাদবপুর বিশ্ববিদ্যালয়
কলকাতা-৭০০০৩২, ভারত



JADAVPUR UNIVERSITY
KOLKATA-700 032, INDIA

Ref. No. ৫-715/018/03

Date: 12 April 2023
TS

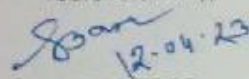
To,
Suman Kumar Dey
Dept. of Power Engg.
19 Sadhu Mukherjee Road
P.O.-Nona Chandanpukur
Kolkata-700122

Sub: PROVISIONAL PH.D. (ENGINEERING) CERTIFICATE.

Dear Sir,

With reference to your thesis entitled "Study and Application of Intelligent Control to Power System Scheduling" the undersigned is pleased to inform you that the University declared you eligible for admission to the degree of Doctor of Philosophy (Engineering) on 29.03.2023, the date of open viva-voce examination, in accordance with success for completion of course work as per Regulations of the University and that decision to be ratified at the meeting of the Executive Council of the University.

You may please note that the degree will be conferred on you at the next annual Convocation of the University.

Yours faithfully,

12-04-23
REGISTRAR

Copy: Secretary, FET (File No. 168/13/ENG-.)
Records- 2

Established on and from 24th December, 1955 vide Notification No.10986-Fdn/11/42/55 dated 6th December, 1955 under Jadavpur University Act, 1955 (West Bengal Act XXIII of 1955) followed by Jadavpur University Act,1981 (West Bengal Act XXIV of 1981)

Website : www.jaduniv.edu.in Phone : 7414-6666/6194/6643/6495/6444
E-mail : registrar@jadavpuruniversity.in Fax : (91)-033-2414-6414/2413-7121

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**REGENT
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GROUP OF INSTITUTIONS**

No. 23

MIZORAM UNIVERSITY EXAMINATION DEPT. AIZAWL

मिज़ोरम विश्वविद्यालय, आइजॉल
MIZORAM UNIVERSITY, AIZAWL

A Central University Established by Parliament Act 8 of 2000

PROVISIONAL CERTIFICATE

This is to certify that Shri/Smt/Kum. Suparna Panchanan with
Registration No. 1905393 has been awarded the Degree of Doctor of Philosophy in Electronics
and Communication Engineering Department under the School of Engineering Technology in
this University in the year 2023.

The title of his/her Thesis is: Modeling, Simulation and Performance Analysis of FinFET

Dated the 9th May, 2023


FOR VICE-CHANCELOR
उप कुलसचिव (परीक्षा)
Deputy Registrar (Examinations)
मिज़ो (वे) निधा/किंचास
Mizoram University

Campus : Regent Education & Research Foundation Group of Institutions

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**REGENT
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2021256041



Jadavpur University

Certified that

Abhishek Bagchi

*was admitted to the Degree of Doctor of Philosophy in Engineering of this
University on 30.03.2021 and that the degree was conferred on him/hers with
all the Rights and Privileges thereto appertaining.*

*In Witness whereof the Signature of the Vice-Chancellor of
Jadavpur University is hereunto affixed.*



JADAVPUR UNIVERSITY
The 24th December, 2021



Sulanjan Das
Vice-Chancellor

Campus : Regent Education & Research Foundation Group of Institutions

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REGENT
EDUCATION &
RESEARCH FOUNDATION
GROUP OF INSTITUTIONS

128

UNIVERSITY OF CALCUTTA



This is to certify that

Amindita Das

obtained the degree of **Doctor of Philosophy**
(Science) in Nanoscience and Nanotechnology
in this University in the year 2019 .

Soumitra Anantavanti Banerjee
Vice-Chancellor.

Senate House,
The 28th day of January, 2020



REGENT
EDUCATION &
RESEARCH FOUNDATION
GROUP OF INSTITUTIONS

मिज़ोरम विश्वविद्यालय
MIZORAM UNIVERSITY

A Central University Established by Parliament Act No 8 of 2000

विद्या वाचस्पति

प्रमाणित किया जाता है कि श्री/श्रीमती/कु. हिमेली चक्रवर्ती पंजीयन संख्या 1800282 ने वर्ष 2022 में इस विश्वविद्यालय के अभियांत्रिकी तथा प्रौद्योगिकी संकाय के अंतर्गत इलेक्ट्रॉनिक और सूचना अभियांत्रिकी विषय में विद्या वाचस्पति की उपाधि (यू.जी.सी. एम.फिल./ पीएच.डी. उपाधि के लिए न्यूनतम मानक एवं प्रक्रिया) विनियम, 2016 के अनुरूप प्राप्त की।

DOCTOR OF PHILOSOPHY

This is to certify that **Shri/Smt./Kum. Himeli Chakrabarti** bearing Registration No 1800282 has obtained the Degree of Doctor of Philosophy in **Electronics & Communication Engineering** under the School of **Engineering & Technology** in this University in the year 2022 as per **UGC (Minimum Standards and Procedure for Award of M.Phil. / Ph.D. Degrees) Regulations, 2016**

शोध प्रबंध का शीर्षक/ Title of Thesis: **Modeling and Performance Analysis of Dual Material Double Gate Metal Oxide Semiconductor Field Effect Transistor**

Sl. No/ क्र. 76

आइज़ोल/Signature

दिनांक/Date: 30th April, 2022


कुलपति/Vice Chancellor

Campus : Regent Education & Research Foundation Group of Institutions

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**REGENT
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University Of Kalyani



This is to Certify that

Moumita Ghosh

obtained the Degree of Doctor of Philosophy (Engineering, Technology &
Management) in *Business Administration* in this
University in the year 2015 .

Kalyani

04 FEB 2016

M. Saha
Vice-Chancellor



**REGENT
EDUCATION &
RESEARCH FOUNDATION
GROUP OF INSTITUTIONS**

20080265



Certified that

Sri Rajdeep Chakravarty

*was admitted to the Degree of Doctor of Philosophy in Science of this
University on 06/08/2008 and that the degree was conferred on him / her
at the Convocation held in December 2008 with all the Rights and Privileges
thereto appertaining.*

*In Witness whereof the Signatures of the Chancellor and the Vice-Chancellor
of Jadaupur University are herewith affixed.*

P. N. Ghosh

Vice-Chancellor

The 24th December, 2008



Chancellor

Campus : Regent Education & Research Foundation Group of Institutions

Bara Kanthalia (Barrackpore), Post : Sewli Telinipara, P.S. : Titagarh, Kolkata - 700 121, Tel.: 033 30085433 / 34, Fax : 033-30085441

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राष्ट्रीय प्रौद्योगिकी संस्थान सिलचर

अभिषेक की अनुशंसा पर
अरिदिता साहा

पंजीकरण संख्या 15-3-03-104

को

डब्ल्यू ओ ए अनुकूलित सहायक नियंत्रकों की सहायता से कुछ अंतःपरस्पर संबद्ध शक्ति प्रणालीयों
का स्वचालित उत्पादन नियंत्रण

में

अनुसंधान कार्य की मान्यता पर
विद्या-वाचस्पति

की उपाधि प्रदान करता है।

भारतीय गणराज्य के अंतर्गत सिलचर में आज 2 नवंबर 2019 को संस्थान की
यह मुद्रा अंकित उपाधि दी गई।



National Institute of Technology Silchar

Upon the recommendation of the Senate hereby confers the degree of

Doctor of Philosophy

on

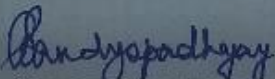
Arindita Saha

Registration No. 15-3-03-104

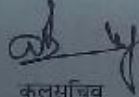
in recognition of the research work on

*Automatic Generation Control of Some Interconnected Systems using WOA Optimized
Secondary Controllers*

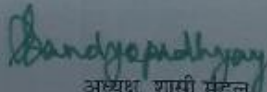
This certificate is issued this day, the 2nd of November 2019 under the seal of the Institute
at Silchar in the Republic of India



निदेशक एवं अध्यक्ष, विद्या परिषद
Director and Chairman, Senate



कुलसचिव
Registrar



अध्यक्ष, शासी मंडल
Chairperson, Board of Governors

Campus : Regent Education & Research Foundation Group of Institutions

Bara Kanthalia (Barrackpore), Post : Sewli Telinipara, P.S. : Titagarh, Kolkata - 700 121, Tel.: 033 30085433 / 34, Fax : 033-30085441

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City Office : 3rd Floor, 60B Chowringhee Road, Kolkata - 700 020



**REGENT
EDUCATION &
RESEARCH FOUNDATION
GROUP OF INSTITUTIONS**

S2D00071



Certified that

Sri Abhijit Biswas

*was admitted to the Degree of **Doctor of Philosophy in Engineering** of this University on **08.09.2022** and that the degree was conferred on him/her at the Convocation held in December 2022 with all the Rights and Privileges thereto appertaining.*

*In Witness whereof the Signature of the Vice-Chancellor of **Jadaupur University** is herewith affixed.*

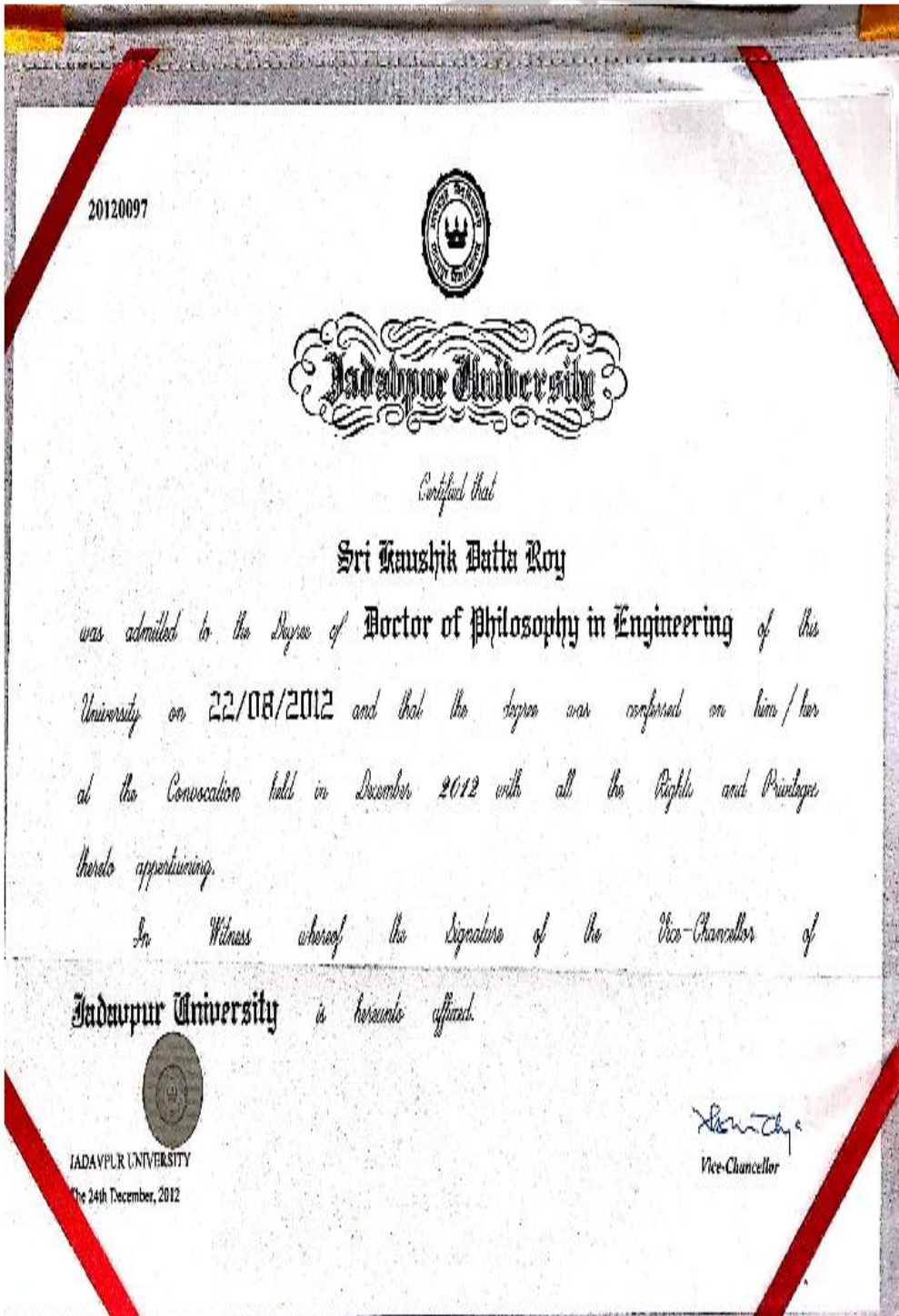
JADAPUR UNIVERSITY
The 21st December, 2022



Sulanjan Das
Vice-Chancellor



**REGENT
EDUCATION &
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**REGENT
EDUCATION &
RESEARCH FOUNDATION
GROUP OF INSTITUTIONS**

G3D000088



Jadavpur University

Certified that

Sri Kumaresh Halder

*was admitted to the Degree of Doctor of Philosophy in Science of this
University on 01.06.2016 and that the degree was conferred on him/her at
the Convocation held in December 2016 with all the Rights and Privileges thereto
appertaining.*

*In Witness whereof the Signature of the Vice-Chancellor of
Jadavpur University is herewith affixed.*



JADAVPUR UNIVERSITY
The 24th December, 2016



Sujan Das
Vice-Chancellor

Campus : Regent Education & Research Foundation Group of Institutions

Bara Kanthalia (Barrackpore), Post : Sewli Telinipara, P.S. : Titagarh, Kolkata - 700 121, Tel.: 033 30085433 / 34, Fax : 033-30085441

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**REGENT
EDUCATION &
RESEARCH FOUNDATION
GROUP OF INSTITUTIONS**

H7D000101



Jadavpur University

Certified that

Prilish Banerjee

*was admitted to the Degree of Doctor of Philosophy in Engineering of this
University on 17.10.2017 and that the degree was conferred on him/her at the
Convocation held in December 2017 with all the Rights and Privileges thereto
appertaining.*

*In Witness whereof the Signature of the Vice-Chancellor of
Jadavpur University is hereunto affixed.*

JADAVPUR UNIVERSITY

The 24th December, 2017



Sulagna Das

Vice-Chancellor

Campus : Regent Education & Research Foundation Group of Institutions

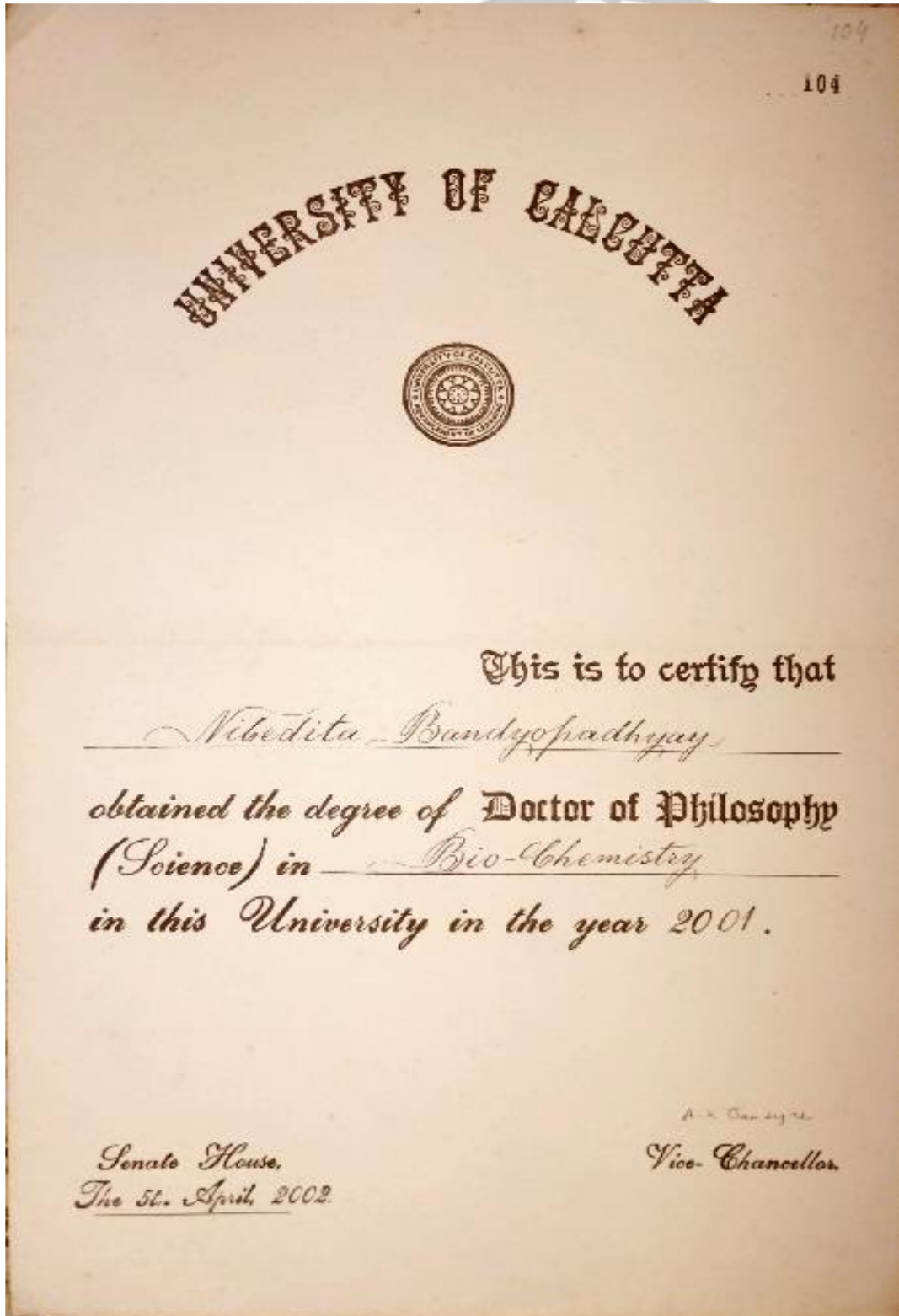
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National Institute of Technology Agartala

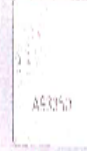
Jirania, Tripura(W)-799046



Provisional Certificate

for the degree of

DOCTOR OF PHILOSOPHY



Certified that Mr. **RAHUL KANTI NATH** Son/Daughter of **LATE LALMOHAN NATH** has successfully completed all prescribed requirements for the degree of Doctor of Philosophy in Engineering in the Department of **Mechanical Engineering** of this Institute.

The date of the Ph.D Viva-Voce Examination is 03/02/2023

The title of the Ph.D thesis is Friction Stir Welding of Thermoplastics Using a Self-Heated FSW Tool and Analysis of Microstructure and Mechanical Properties

This certificate is issued this day, the 24/02/2023, with the approval of the authority.


Registrar
NIT Agartala


Assistant Registrar (Academic Affair)
NIT Agartala

Note: Validity of this certificate will expire after the degree is awarded in the next Convocation.



**REGENT
EDUCATION &
RESEARCH FOUNDATION
GROUP OF INSTITUTIONS**

Sl. No. 00613



राष्ट्रीय प्रौद्योगिकी संस्थान मिजोरम
NATIONAL INSTITUTE OF TECHNOLOGY MIZORAM
(An Institution of National Importance under Ministry of Education, Govt. of India)
CHALTLANG, AIZAWL, MIZORAM-796012

PROVISIONAL CERTIFICATE

for

Degree of Doctor of Philosophy (Ph.D.)

This is to certify that **Mr. Suman Jana** bearing Enrollment No.: **DT16EE002** has submitted the thesis entitled, "**An Improved Model to Harvest Energy from High Voltage Lightning Surge**".

He has successfully completed all prescribed requirements for the award of Degree of Doctor of Philosophy (Ph.D.) in Electrical and Electronics Engineering.

He appeared before the Oral Examination Board constituted as per Regulations of the Institute on **27.12.2022**.

The Degree shall, however, be conferred at the next Convocation of this Institute upon the recommendation of Senate and with the approval of the Board of Governors.

Date: 26 Jun. 2023


Registrar

N.B: This Provisional Certificate is valid till the degree is awarded.



REGENT
EDUCATION &
RESEARCH FOUNDATION
GROUP OF INSTITUTIONS

32

UNIVERSITY OF CALCUTTA



This is to certify that

Rajorshi Bandyopadhyay

obtained the degree of Doctor of Philosophy

(Technology) in Applied Optics and Photonics

in this University in the year 2019 .

Sonal Chakravarti Banerjee

Vice-Chancellor.

Senate House,
The 23rd day of January, 2020

Campus : Regent Education & Research Foundation Group of Institutions

Bara Kanthalia (Barrackpore), Post : Sewli Telinipara, P.S. : Titagarh, Kolkata - 700 121, Tel.: 033 30085433 / 34, Fax : 033-30085441

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**REGENT
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RESEARCH FOUNDATION
GROUP OF INSTITUTIONS**

Visva-Bharati

This is to certify that

Srimati Subhra Ray

was admitted to the Degree of Doctor of Philosophy

in this University in the year 1991

on presentation of a thesis entitled

*Thermodynamic Studies on Solute-Solvent
Interactions in some Non-aqueous Solutions.*

S. K. Ray

Vice-Chancellor



Santiniketan, 21.3, 1992

Campus : Regent Education & Research Foundation Group of Institutions

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**REGENT
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GROUP OF INSTITUTIONS**



**HUAZHONG UNIVERSITY OF SCIENCE
AND TECHNOLOGY**

UPON RECOMMENDATION OF THE DEGREE AWARDING COMMITTEE

HEREBY CONFERS UPON

CHIRANJIB CHAKRABARTI

THE DEGREE OF

**DOCTOR OF PHILOSOPHY IN
ENGINEERING**

SPECIALIZING IN

Materials Physics and Chemistry

GIVEN UNDER THE SEAL OF THE PRESIDENT OF

HUAZHONG UNIVERSITY OF SCIENCE AND TECHNOLOGY, WUHAN.

THE PEOPLE'S REPUBLIC OF CHINA

ON AUGUST 24, 2020

NO. 1048722020610064

PRESIDENT

(THE ENGLISH VERSION)

Campus : Regent Education & Research Foundation Group of Institutions

Bara Kanthalia (Barrackpore), Post : Sewli Telinipara, P.S. : Titagarh, Kolkata - 700 121, Tel.: 033 30085433 / 34, Fax : 033-30085441

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