

University Of Kalyani



This is to Certify that

Manas Kabi

obtained the Degree of Doctor of Philosophy (Arts & Commerce) in

Bengali

in this University

in the year 2010

Kalyani
- 3 SEP 2010

A. K. Bhowmik
Vice-Chancellor

UNIVERSITY OF CALCUTTA



This is to certify that

SUPRIYO DAS

obtained the degree of Doctor of Philosophy

in Business Management *under the*

Faculty of Business Management *of*

this University in the year 2023.

Admitted to the degree on January 27, 2023.

*Senate House,
March 22, 2024*

*Santa Saha (He)
Vice-Chancellor.*

ATTESTED

PRINCIPAL

ASUTOSH COLLEGE
92, S. P. MUKHERJEE ROAD
KOLKATA-700 026

UNIVERSITY OF GABGUTTA



This is to certify that

Pridisha Datta

obtained the degree of Doctor of Philosophy

in *Commerce*

in this University in the year 2016

Sonali Chakravarti Banerjee

For Registrar

Senaiti Khan
The 15th day of January, 2018

Visva-Bharati

This is to certify that

Saikh Rupa Rahila

was admitted to the Doctor of Philosophy in the
Centre for Journalism & Mass
Communication under *Vidya-*
Bhavana in this University in the year
2017 on presentation of a dissertation titled
“A Study on Communication Satisfaction
of Readers of Newspaper : In Search of
Method/s.”

Sabuj Kishen
Vice-Chancellor



Santiniketan May 23, 2018

REDMI NOTE 9

AI QUAD CAMERA



NETAJI SUBHAS OPEN UNIVERSITY

DD-26, Sector-I, Salt Lake, Kolkata-700064

Accredited by NAAC with grade 'A'

Reg. No. 07219900009

Certified that

Sudip Kumar Ghosh *

*Was admitted to the Degree of Doctor of Philosophy in
Management on 11.04.2019.*

Kolkata
Date of issue: 20 August, 2021


Vice-Chancellor

(*The candidate was registered prior to the date of implementation of UGC
(Minimum Standards and Procedures for Award of M.Phil./Ph.D. Degree)
Regulation 2009 and this certificate is being issued pursuant to the resolution of the
Special Meeting of Executive Council of the University held on 20/08/2021.)



যোমণা করা হাছে উচ্চমৌল্য স্নাতক

বিজ্ঞান

বিসম্বসা ২০০০-২০০১

এই বিশ্ববিদ্যালয় থেকে শিখ্রিক্রি.ডি. উপাধি অর্জন করিয়াছেন।

রবীন্দ্র ভারতী বিশ্ববিদ্যালয়

কলিকাতা

৭/৫/২০০১

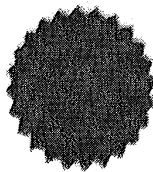
স্বাক্ষর

স্বাক্ষর

This is to certify that Chandramalli
Sengupta obtained the degree of Ph.D. in
Bengali in this University in the year 2000-2001

Rabindra Bharati University
Calcutta

The 7th May 2001



Vice-Chancellor

UNIVERSITY OF CALCUTTA



This is to certify that

Gudip Mandal
obtained the degree of Doctor of Philosophy
in Bengali under the
Faculty of Arts of
this University in the year 2020 .

Admitted to the degree on September 23, 2020 .

Soumi Anabavarti Banerjee
Vice-Chancellor.

20070037



Jadaupur University

Certified that

Sri Samrat Batta

was admitted to the Degree of Doctor of Philosophy in Arts of this University on 14/08/2007 and that the degree was conferred on him / her at the Convocation held in December 2007 with all the Rights and Privileges thereto appertaining.

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

P. N. Gled

Vice-Chancellor
The 24th December, 2007



[Signature]
Chancellor

No.: Ph.D/BENG/414/04082022

University of Kalyani



This is to certify that

Sangita Ghosh

Obtained the Degree of Doctor of Philosophy
(Arts & Commerce) in Bengali in this University in the year
2022.

Kalyani

The 7th December, 2023

Amalendu Bhunia
Vice - Chancellor

20070274



Jadaupur University

Certified that

Smt. Paromita Roy Choudhury

was admitted to the Degree of Doctor of Philosophy in Science of this University on 14/11/2007 and that the degree was conferred on him / her at the Convocation held in December 2007 with all the Rights and Privileges thereto appertaining.

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

P. N. Ghosh

Vice-Chancellor

The 24th December, 2007



[Signature]
Chancellor



Jadavpur University

Certified that

Smt. Kuma Das

was admitted to the Degree of Doctor of Philosophy in Science of this University on 28.02.96 and that the degree was conferred on him/her at the Convocation held on 24th December 1996 with all the Rights and Privileges thereto appertaining.

In Witness whereof the Signatures of the Chancellor and the Vice-Chancellor of Jadavpur University are hereunto affixed.

S. C. Som
Vice-Chancellor

K. S. Raptun...
Chancellor

Prof. (Dr.) Basab Chaudhuri
Registrar



20610117425Y51

University of Calcutta

Senate House

87/1, College Street

Kolkata - 700 073

Phone : 033-2241-0071

033-2241-4984

Fax : 91-033-2241-3222/88

eMail : phdcaluni@yahoo.co.in

Letter: 3120/Ph.D.(Sc.)

Dated: 12th May 2015

To
Smt Shyamalina Halder
1/145, Naktala,
Kolkata-700047.

Madam,

I am to inform you that on the recommendation of the Board of Examiners on their adjudication of the undernoted thesis submitted by you for the **Ph.D.(Sc.)** Degree of this University and on the results of the viva-voce examination, you have been admitted to the aforesaid degree on **May 11, 2015** in **Biochemistry.**

Yours faithfully,

Basab Chaudhuri
13/05/2015
(Basab Chaudhuri)
Registrar
21

Title of Thesis : Some Contributions Towards Understanding Of The Structural And Functional Activities Of Microorganisms In The Rhizosphere Of *Arachis hypogaea*.

UNIVERSITY OF CALCUTTA



This is to certify that

Poulami Khan

obtained the degree of Doctor of Philosophy
(Science) in Biochemistry

in this University in the year 2017 .

Sonal Chakravarti Banerjee

Vice-Chancellor

*Senate House,
The 11th day of January, 2018*

UNIVERSITY OF CALCUTTA



This is to certify that

Manchan Karmakar

obtained the degree of **Doctor of Philosophy**

in Biochemistry under the

Faculty of Science of

this University in the year 2021 .

Admitted to the degree on March 23, 2021 .

Sonali Chakravarti Banerjee
Vice-Chancellor.

20140367



Jadaupur University

Certified that

Ayesha Kabir

was admitted to the Degree of Doctor of Philosophy in Science of this University on 10/12/2014 and that the degree was conferred on him/her at the Convocation held in December 2014 with all the Rights and Privileges thereto appertaining.

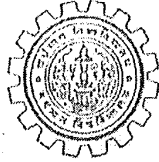
In Witness whereof the Signature of the Vice-Chancellor of Jadaupur University is hereunto affixed.

JADAVPUR UNIVERSITY
The 24th December, 2014



Vice-Chancellor

THE UNIVERSITY OF BURDWAN



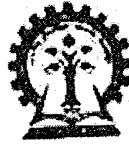
Amitava Ghosh
having submitted a thesis entitled "*Genetical
regulation of senescence in plants*"

and having satisfied all the conditions
prescribed in this respect by the University, was
duly admitted to the degree of **Doctor of Philosophy**
in **Science (Botany)**
in the year 1995.

Rajlata Burdwan
The 1st February 1995.


Vice-Chancellor

Indian Institute of Technology Kharagpur



*upon the recommendation of the Senate
hereby confers the degree of*

Doctor of Philosophy

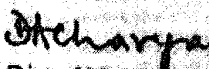
on


Mithu Das

*who has successfully completed the prescribed requirements in the
Department of Agricultural and Food Engineering.*

*Given under the seal of the Institute at Kharagpur in the Republic of
India on the Fifteenth day of September, Two thousand seven.*


Registrar


Director


Chairman
Board of Governors

20050272



Jadaupur University

Certified that

Sri Tathagata Ray Chaudhuri

was admitted to the Degree of Doctor of Philosophy in Science of this University on 27/09/2005 and that the degree was conferred on him / her at the Convocation held in December 2005 with all the Rights and Privileges thereto appertaining.

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

anban
Vice-Chancellor
The 24th December, 2005



[Signature]
Chancellor

UNIVERSITY OF CAUCHHETA



This is to certify that

Supatra Sen

obtained the degree of Doctor of Philosophy
(Science) in *Botany*
in this University in the year 1999.

Senate House,
To 16th March 2000

A. K. Banerjee
Vice-Chancellor.

Visva-Bharati

This is to certify that

Pradyut Biswas

was admitted to the Doctor of Philosophy in the
Department of *Botany* under *Siksha-*
Bhavana in this University in the year
2016 on presentation of a dissertation titled
“Pollination Biology of Some Medicinally
Important Angiosperms.”

S. C. Datta

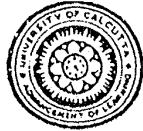
Vice-Chancellor



Santiniketan

March 10, 2017

UNIVERSITY OF CALCUTTA



This is to certify that

Goma Pal

obtained the degree of **Doctor of Philosophy**
(Science) in *Botany*
in this University in the year 1999.

Senate House,
16th March 2000

A. K. Dasgupta
Vice-Chancellor.

20135127



Jadavpur University

Certified that

Smt. Anindita Bey (Nee Mondal)

was admitted to the Degree of Doctor of Philosophy in Science of this University on 01/02/2013 and that the degree was conferred on him/her at the Convocation held in December 2013 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, 2013


Vice-Chancellor

20120386



Jadaupur University

Certified that

Smt. Ipsita Bhattacharya

was admitted to the Degree of Doctor of Philosophy in Science of this University on 07/12/2012 and that the degree was conferred on him/her at the Convocation held in December 2012 with all the Rights and Privileges thereto appertaining.

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



JADAVPUR UNIVERSITY

The 24th December, 2012


Vice-Chancellor

107
107

UNIVERSITY OF CABBETA



This is to certify that

Moanas Kar. Biswas

obtained the degree of **Doctor of Philosophy**
(Science) in *Chemistry*
in this University in the year 2014.

Senate House,
The 28th November, 2014

Suranjan Das
Vice-Chancellor.



Indian Institute of Technology
Kharagpur

Upon the recommendation of the Senate hereby confers the degree of

Doctor of Philosophy

in

SCIENCE

on Madhusudan Banerjee

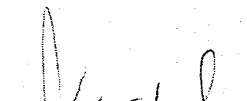
Given this day under the seal of the Institute at Kharagpur in the Republic of India


The 8th March, 1988

Title of thesis Synthesis, Characterization and Evaluation of
Polymers Polymerization of N-Vinyl-Carbazole by Some
3-d Transition Metal Ion Exchanged B-x Molecular Sieves

Registered in Chemistry


Registrar


Director


Chairman
Board of Governors



Jadavpur University

Certified that

Smt. Keya Phosh

was admitted to the Degree of Doctor of Philosophy in Science of this University on 12.06.96 and that the degree was conferred on her/his at the Convocation held on 27th December 1996 with all the Rights and Privileges thereto appertaining.

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

S. C. Sen
Vice-Chancellor

Chancellor

University of Central Florida

Upon the Nomination of the Faculty
has conferred

Srijita Basumallick

the Degree of

Doctor of Philosophy
Chemistry

with all the rights and privileges thereunto appertaining.

Given under the Seal of the University of Central Florida at

Orlando in the State of Florida

this first day of May, in the year Two Thousand and Fourteen.

John C. Hill
President

Oleg M. Calvet
Chair, Board of Trustees



[Signature]
Interim Provost and
Vice President for Academic Affairs

C. Ross Anille
Vice Provost and Dean, College of Graduate Studies

[Signature]
Dean, College of Sciences

UNIVERSITY OF CALCUTTA



This is to certify that

Nitadri Sekhar Karan

obtained the degree of **Doctor of Philosophy**
(Science) in *Chemistry*

in this University in the year 2012.

Senate House,
The 29th November, 2013

Salarjan Das
Vice-Chancellor.

271

271

UNIVERSITY OF CALicut



This is to certify that

Paramita Das

obtained the degree of Doctor of Philosophy
(Science) in Chemistry
in this University in the year 2014.

Senate House,

The 28th November, 2014

Sulenjan Das
Vice-Chancellor.

H1D000135



Jadavpur University

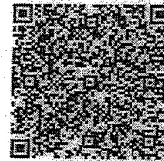
Certified that

Sri Monoj Kumar Barman

was admitted to the Degree of Doctor of Philosophy in Science of this University on 30.11.2017 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



Sujan Das
Vice-Chancellor

We, the Chancellor,
the Vice Chancellor and
the Members of the Management Council
and the Academic Council of the
University of Pune certify
that Chand
Anil Kumar
having been examined and found duly
qualified for the degree of

Doctor of Philosophy

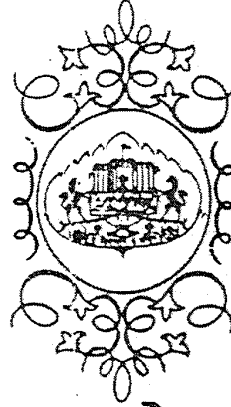
(Linguistics)

The said degree has been conferred on him.
In testimony whereof is set
the seal of the said University

26th December 2003

A. S. Madrak
Vice Chancellor

University
Of
Pune
(Formerly
University of Poona)



पुणे
विद्यापीठ

आम्ही, पुणे विद्यापीठाचे कुलपति, कुलगुरु
आणि व्यवस्थापन परिषद व विद्या परिषद सदस्य,
प्रमाणित करितो की,

चांद
अनिल कुमार

विद्यावाचर-पति

(भाषाशास्त्र)

पदवीस पात्र झाल्याबद्दल त्यांना ही पदवी प्रदान
करण्यात येत आहे.
याची साक्ष म्हणून विद्यापीठाची अधिकृत मुद्रा येथे
अंकित करण्यात येत आहे.

अशोक कोळस्कर
कुलगुरु



EFLU 02345

The English and Foreign Languages University

(A Central University Established by an Act of Parliament)

Hyderabad 500 007, India

(Lucknow Campus)



Controller of Examinations

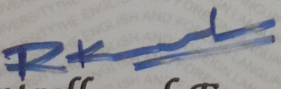
This is to certify that

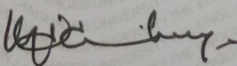
Ms. Rhiddhi Saha

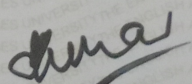
daughter of Mr. Debabrata Saha having completed the course of study prescribed by the University and having fulfilled the stipulated requirements by examination and by thesis is hereby awarded the degree of

Doctor of Philosophy

Linguistics and Phonetics


Controller of Examinations


Registrar


Vice Chancellor

Date of Award: 21-06-2021


SIDHO-KANHO-BIRSHA UNIVERSITY
PURULIA



Certified that **Surama Bera** *was admitted to*
the Degree of Doctor of Philosophy (Arts) in **English**
of the University on **03.11.2022** *and that the degree was conferred on* **her**
at the Convocation held on **23rd May 2023** *with all the Rights and*
Privileges thereto appertaining.

Purulia




Vice - Chancellor





EFLU 02438

The English and Foreign Languages University

(A Central University Established by an Act of Parliament)

Hyderabad 500 007, India



Controller of



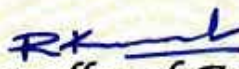
This is to certify that

Ms. Moumita Singha

daughter of Mr. Ram Pada Singha having completed the course of study prescribed by the University and having fulfilled the stipulated requirements by examination and by thesis is hereby awarded the degree of

Doctor of Philosophy

Linguistics and Phonetics


Controller of Examinations


Registrar


Vice Chancellor

Date of Award: 01-09-2022

G2D000070



Jadavpur University

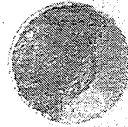
Certified that

Samir Malakar

was admitted to the Degree of Doctor of Philosophy in Engineering of this University on 30.08.2019 and that the degree was conferred on him/her at the Convocation held in December 2019 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, 2019



Sujanjan Das
Vice-Chancellor

20110043



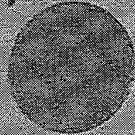
Jadavpur University

Certified that

Smt. Maniparna Syamroy

was admitted to the Degree of Doctor of Philosophy in Arts of this University on 23/11/2011 and that the degree was conferred on him / her at the Convocation held in December 2011 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

24th December, 2011

P. N. Ghosh
Vice-Chancellor

20140032



Jadaupur University

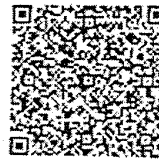
Certified that

Smt. Nandini Mukherjee

was admitted to the Degree of Doctor of Philosophy in Arts of this University on 31/07/2014 and that the degree was conferred on him/her at the Convocation held in December 2014 with all the Rights and Privileges thereto appertaining.

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

JADAVPUR UNIVERSITY
The 24th December, 2014



A. Chandra
Vice-Chancellor

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1002300

AcSIR

वैज्ञानिक और नवीकृत अनुसंधान अकादमी

ACADEMY OF SCIENTIFIC AND INNOVATIVE RESEARCH

Sl. No. 2020/20/021

(Established by an Act of Parliament as an Institution of National Importance)

ACADEMY OF SCIENTIFIC AND INNOVATIVE RESEARCH ON THE RECOMMENDATION OF THE SENATE

HEREBY CONFERS UPON

Rabia Sultana

THE DEGREE OF

DOCTOR OF PHILOSOPHY IN ENGINEERING

UNDER THE FACULTY OF ENGINEERING SCIENCES

FOR THE RESEARCH WORK CARRIED OUT AT CSIR-National Physical Laboratory, New Delhi, INDIA

WITH THE THESIS TITLE

Growth and characterization of pure and doped topological insulators

THE CANDIDATE HAS BEEN DECLARED QUALIFIED FOR THE AWARD OF THE DEGREE ON 22nd June, 2020.

THE DEGREE HAS BEEN AWARDED UNDER THE INTEGRATED M. TECH-Ph.D. PROGRAM OF AcSIR



Rajender Aggarwal
Director



Chandra Shekhar
Chancellor

1002300

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20140187



Jadavpur University

Certified that

Sri Sourav Kumar Bhownick

was admitted to the Degree of Doctor of Philosophy in Science of this University on 26/03/2014 and that the degree was conferred on him/her at the Convocation held in December 2014 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 29th December, 2014



A. K. Bhowmik
Vice-Chancellor

Indian Institute of Engineering Science and Technology, Shibpur



Howrah-711103, West Bengal, India

This is to certify that

Runal Sinha

*obtained the degree of Doctor of Philosophy
(Engineering) in this Institute in the year 2018.*

[Signature]
Registrar

[Signature]
Director

The 4th March, 2018

20010038



Jadavpur University

Certified that

Smt. Paromita Chaudhuri

was admitted to the Degree of Doctor of Philosophy in Arts of this University on 05/12/2001 and that the degree was conferred on him / her at the Convocation held in December 2001 with all the Rights and Privileges thereto appertaining.

In Witness whereof the Signatures of the Chancellor and the Vice-Chancellor of Jadavpur University are hereunto affixed.

[Signature]
Vice-Chancellor
The 24th December, 2001

[Signature]
Chancellor

Visva-Bharati

This is to certify that

Arup Pal

was admitted to the Doctor of Philosophy in the
Department of *English* under *Bhasha-*
Bhavana in this University in the year 2018
on presentation of a dissertation titled

“‘A Hyphenated Soul’: The Question of
Identity in the Works of Ruskin Bond.”

Sabuj Koley
Vice-Chancellor



Santiniketan August 25, 2018

20030017



Jadaupur University

Certified that

Smt. Sraboni Roy

was admitted to the Degree of Doctor of Philosophy in Arts of this University on 07/05/2003 and that the degree was conferred on him / her at the Convocation held in December 2003 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.

Ankura
Vice-Chancellor
The 24th December, 2003



Aban Shal
Chancellor

Sl.No. : 2017/10012419114000001/007

WBSU/ 180464

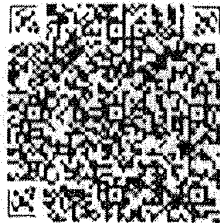
West Bengal State University



Certified that

ARIJIT CHATTERJEE

was admitted to the Degree of Doctor of Philosophy (Science) in Zoology of the University on 19th June, 2017 and that the degree was conferred on him at the Convocation held on 25th February, 2018 with all the Rights and Privileges thereto appertaining.



POV.

Place : Barasat, Kolkata-700 126

Dated : The 25th day of February, 2018

Vice-Chancellor

2021256225



Jadavpur University

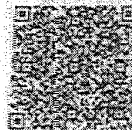
Certified that

Sayanti Kar

was admitted to the Degree of Doctor of Philosophy in Science of this University on 04.02.2021 and that the degree was conferred on him/her with all the Rights and Privileges thereto appertaining.

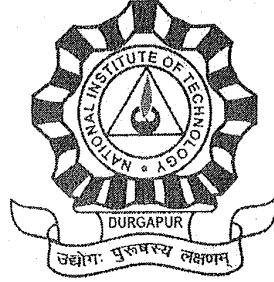
In Witness whereof the Signature of the Vice-Chancellor of Jadavpur University is herewith affixed.

JADAVPUR UNIVERSITY
17th December, 2021



Sayanti Kar
Vice-Chancellor

National Institute of Technology



Durgapur, India

*The Board of Governors of the Institute upon the
recommendation of the Senate hereby confers the
degree of*

Doctor of Philosophy

Department of Earth & Environmental Studies

on

Pruti Karmakar

who submitted a thesis entitled

STUDIES ON ENVIRONMENTAL VIS-A-VIS SOCIO-ECONOMIC IMPACT OF
VERMICOMPOSTING IN ORGANIC WASTE MANAGEMENT

*and successfully completed the requirements as prescribed
under the regulations on May 24, 2013*

Chairman

Senate

Chairman

Board of Governors

UNIVERSITY OF CALCUTTA



This is to certify that

Subhayan Dutta

obtained the degree of **Doctor of Philosophy**
(*Science*) in *Environmental Science*
in this University in the year 2013.

Senate House,
The 29th November, 2013

Sulonjan Das
Vice-Chancellor

University Of Kalyani



This to Certify that

Pantam Chowdhury

obtained the Degree of Doctor of Philosophy (Science) in
Environmental Science in this University

in the year 2012.

Kalyani

13 SEP 2012

A. K. Banerjee
Vice-Chancellor

UNIVERSITY OF CALCUTTA



This is to certify that

SHRAMANA ROY BARMAN

obtained the degree of **Doctor of Philosophy**

in **Environmental Science** *under the*

Faculty of **Science** *of*

this University in the year 2023.

Admitted to the degree on **March 22, 2023** *.*

*Senate House,
March 22, 2024*

*Santa Dasgupta (De)
Vice-Chancellor.*

A 7143

GANDHI INSTITUTE OF TECHNOLOGY AND MANAGEMENT



GITAM
DEEMED UNIVERSITY
(Estd. u/s 3 of the UGC Act, 1956)

FACULTY OF SCIENCE

This is to certify that

Kaizar Hossain

has been duly admitted to the

Degree of Doctor of Philosophy

in

Environmental Science

in this University, he/she having been declared to be qualified

to receive the same in April, 2013

Given under the seal of the University

Visakhapatnam

08th October, 2013



[Signature]
Vice-Chancellor

Sl. No. 308

VIDYASAGAR UNIVERSITY



This is to certify that

Debasmitry Mukherjee

obtained the Degree of Doctor of Philosophy in Geography

under the Faculty of Science of this university
on 08.10.2021 in accordance with the provisions of the Ph. D.
Regulations, 2009 of the UGC.



Midnapore


Vice-Chancellor

UNIVERSITY OF CHHATTISGARH



This is to certify that

Gourab Pera

obtained the degree of Doctor of Philosophy

(Science) in Geography

in this University in the year 2019 .

Senate House,
The 23rd day of January, 2020

Sonali Chakravarti Benerjee
Vice-Chancellor.



UNIVERSITY OF CALCUTTA



This is to certify that

Sayanti Poddar

obtained the degree of Doctor of Philosophy

(Science) in Geography

in this University in the year 2016 .

Sonali Chakravarti Sanyal

Senate House,
The 11th day of January, 2018

Vice-Chancellor

T 010466

VIDYASAGAR UNIVERSITY



This is to certify that

Gudip Dasgupta

obtained the Degree of Doctor of Philosophy

in *Geography* under the Faculty of

Science

of this University in the

year *2013*

Midnapore

January 08, 2015

R. Choudhury

Vice-Chancellor

Visva-Bharati

This is to certify that

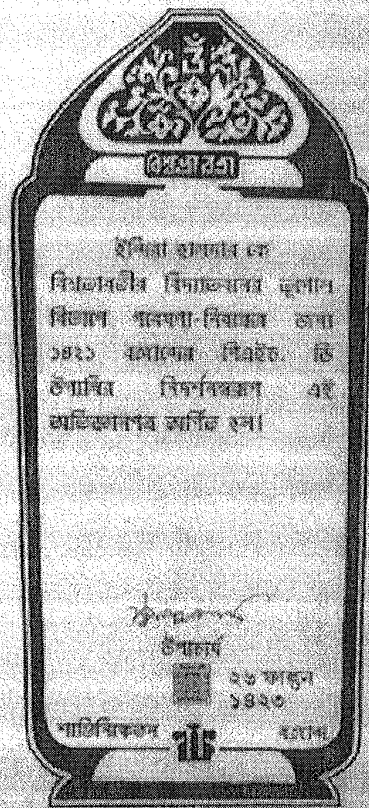
Indira Halder

was admitted to the Doctor of Philosophy in the Department of Geography under *Vidya-Bhavana* in this University in the year 2014 on presentation of a dissertation titled "Hydromorphological Problem, Knowledge and Practice in Murshidabad District of West Bengal, India."

S. C. Chatterjee
Vice-Chancellor



Santiniketan March 10, 2017



Visva-Bharati

This is to certify that

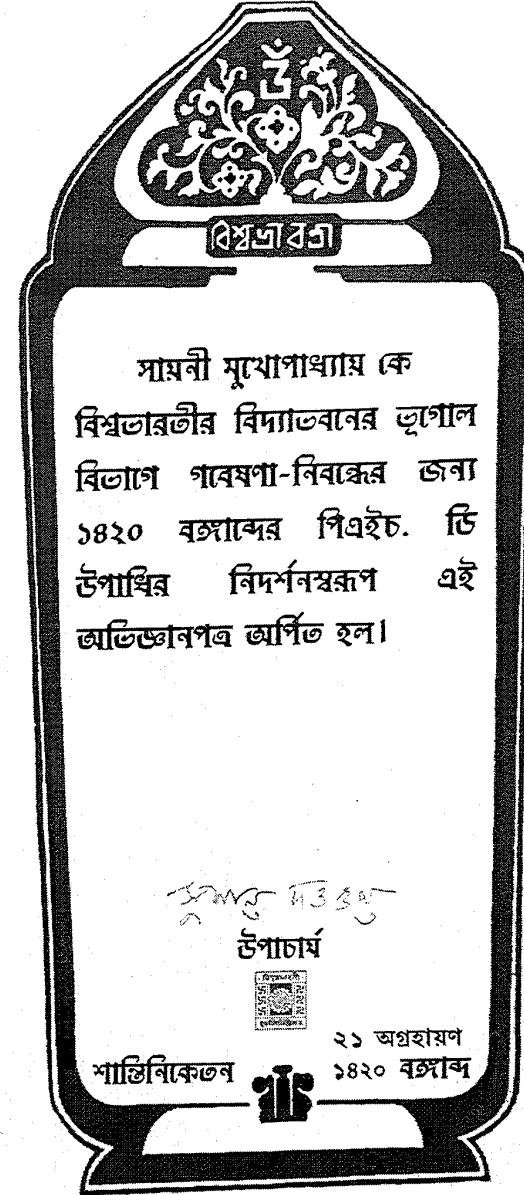
Sayani Mukhopadhyay

was admitted to the Doctor of Philosophy in the
Department of *Geography* under *Vidya-
Bhavana* in this University in the year
2013 on presentation of a dissertation titled
“People's Perception on Flood and its
Management in the Mayurakshi Basin.”

Santanu Jyoti
Vice-Chancellor



Santiniketan December 7, 2013



UNIVERSITY OF CALCUTTA



This is to certify that

SOURAV DAS

obtained the degree of **Doctor of Philosophy**

in **Geography** under the

Faculty of **Science** of

this University in the year 2022.

Admitted to the degree on **January 03, 2022**.

Senate House,
January 18, 2023

Asst. Kumar Chatterjee
Vice-Chancellor.

G5D000055



Jadavpur University

Certified that

Sri Dipanjan Mazumdar

was admitted to the Degree of Doctor of Philosophy in Science of this University on 21.05.2019 and that the degree was conferred on him/her at the Convocation held in December 2019 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, 2019



Sulanjan Das
Vice-Chancellor

20090286



Jadaupur University

Certified that

Smt. Indrani Bhattacharyya

was admitted to the Degree of Doctor of Philosophy in Science of this University on 26/08/2009 and that the degree was conferred on him / her at the Convocation held in December 2009 with all the Rights and Privileges thereto appertaining.

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

P. N. Ghosh
Vice-Chancellor

The 24th December, 2009

Chancellor

A9D000038



Jadavpur University

Certified that

Smt. Pampiya Chowdhury

was admitted to the Degree of Doctor of Philosophy in Science of this University on 04.05.2018 and that the degree was conferred on him/her at the Convocation held in December 2018 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
24th December, 2018



Sujanjan Das
Vice-Chancellor

UNIVERSITY OF CABERFA



This is to certify that

Abhik Kundu

obtained the degree of Doctor of Philosophy
(Science) in Geology

in this University in the year 2013.

Senate House,

This 23th November, 2013

Sulanjan Das
Vice-Chancellor

UNIVERSITY OF CALCUTTA



This is to certify that

Rwiti Dasu

obtained the degree of Doctor of Philosophy

in Geology under the

Faculty of Science of

this University in the year 2021 .

Admitted to the degree on February 25, 2021 .

Sonali Anbarant Banerjee

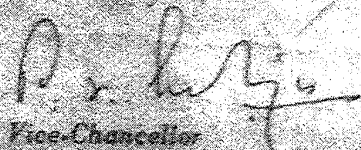
Vice-Chancellor.

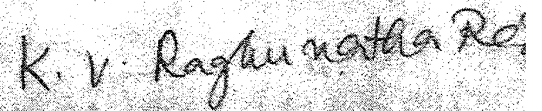
Jadavpur University

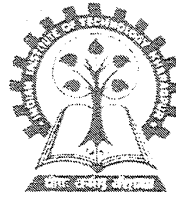
Certified that
Sri Ashis Kumar Das

was admitted to the Degree of Doctor of Philosophy in Science of this
University on 17.02.93 and that the degree was conferred on
him/her at the Convocation held in December, 1993 with all the Rights
and Privileges thereto appertaining.

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


Vice-Chancellor


Chancellor



INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

upon the recommendation of the Senate hereby confers the degree of

Doctor of Philosophy

on

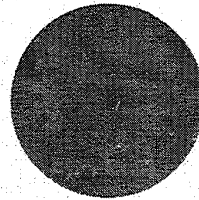
ARPITA SAMANTA

in recognition of the research work on

*Sedimentology and Isotope Stratigraphy of Early Cenozoic Sediments from Cambay Basin,
Gujarat: Implications to Eocene Climate optima*

Given under the seal of the Institute at Kharagpur on the Seventh day of August, Two Thousand and Fifteen


Registrar




Director

20070017



Jadaupur University

Certified that

Smt. Tapti Be

was admitted to the Degree of Doctor of Philosophy in Arts of this University on 04/04/2007 and that the degree was conferred on him / her at the Convocation held in December 2007 with all the Rights and Privileges thereto appertaining.

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

P. N. Ghosh

Vice-Chancellor
The 24th December, 2007

[Signature]
Chancellor

Enrolment No. 99/61/MS/29

जवाहरलाल नेहरू विश्वविद्यालय
नई दिल्ली

Jawaharlal Nehru University

New Delhi

Upon the recommendation of the Academic Council

hereby confers the Degree of

Doctor of Philosophy

On Subhasri Ghosh

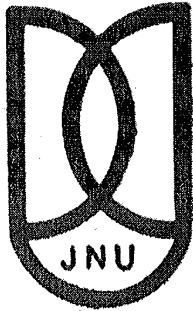
who has successfully completed in the year 2007 the requirements prescribed under the Ordinance for the award of this degree.

Title of Thesis :

"The Impact of Immigration on West Bengal, 1947-1971"

Given this day under the seal of the University at New Delhi in the Republic of India.

The 2 JUN 2008



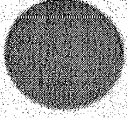
Kraish Ahmad
Registrar

Ramattal
Vice-Chancellor

0001703

जवाहरलाल नेहरू विश्वविद्यालय

नई दिल्ली



विद्या परिषद् की समुक्ति पर

तानिया राय

विद्या वाचस्पति

की उपाधि प्रदान करता है जिन्होंने संबंधित अध्यापन के अन्तर्गत निर्धारित अपेक्षाओं को वर्ष 2017 में सफलतापूर्वक पूरा किया है।

**“रिप्रेजेंटेशन ओफ मैरिज एंड बियांड: एन इन्वेस्टीगेशन आफ अरली बुद्धिस्ट
टेक्सच्युअल ट्रेडिशन सी.6 थ सेंचुरी बीसीई टू 5 थ सेंचुरी सीई”**

यह उपाधि विश्वविद्यालय की मुहर से नई दिल्ली, भारत गणराज्य में प्रदान की गई।

Jawaharlal Nehru University

New Delhi

Upon the recommendation of the Academic Council
hereby confers the Degree of

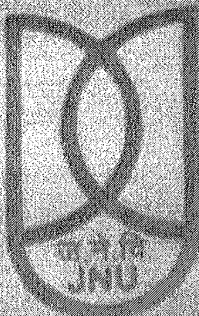
Doctor of Philosophy

On **Taniya Roy**

who has successfully completed in the year 2017 the requirements prescribed under the Ordinance for the award of this Degree.

**“Representation of Marriage and Beyond: An Investigation of
Early Buddhist textual traditions, c.6th century BCE to 5th
century CE”**

Given this day under the seal of the University at New Delhi in the Republic of India
दिनांक/The 09/11/2017



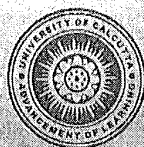
Pranod

कुलसचिव/Registrar

M Jagadeesh

कुलपति/Vice-Chancellor

UNIVERSITY OF CALCUTTA



This is to certify that

Aminuddin Sheikh

obtained the degree of Doctor of Philosophy

(Arts) in History

in this University in the year 2019 .

Soumi Chakravarti Banerjee

Vice-Chancellor.

Senate House,
The 28th day of January, 2020

Sl. No. 033

VIDYASAGAR UNIVERSITY

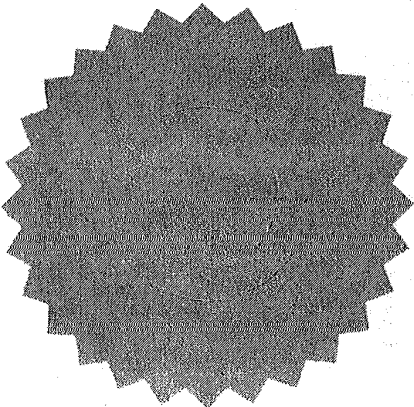


This is to certify that

Mukti Chanda

obtained the Degree of Doctor of Philosophy in Aquaculture
Management and Technology

under the Faculty of Science of this university
on 13.07.2018 in accordance with the provisions of the Ph. D.
Regulations, 2009 of the UGC.



Midnapore

Dated: 29 SEP 2019



R. C. Chandra
Vice-Chancellor

226

226

UNIVERSITY OF CALCUTTA



This is to certify that

Bidisha Maitra

obtained the degree of Doctor of Philosophy

(Science) in zoology

in this University in the year 2016 .

Sonali Chakravarti Banerjee

Vice-Chancellor

Senate House,
The 11th day of January, 2018

T 000255

VIDYASAGAR UNIVERSITY



This is to certify that

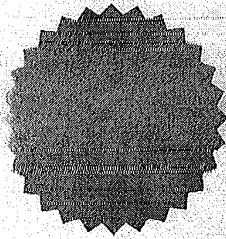
Utpal Kumar Barmar

obtained the Degree of Doctor of Philosophy

in *Zoology* under the Faculty of

Science of this University in the

year 2008.



Midnapore
The 3rd April, 2008

SK Pramanick
Vice-Chancellor

Visva-Bharati

This is to certify that

Debastuti Dasgupta

was admitted to the Doctor of Philosophy in the
Centre for Journalism & Mass
Communication under *Widya-*
Bhavana in this University in the year
2018 on presentation of a dissertation titled
"Role of Social Media in Contemporary
Bengali Film Promotions and Marketing
(2010-2015) with special reference to
Facebook, Twitter and YouTube."

Sabey Koh Sen
Vice-Chancellor



Yabiketan August 25, 2018



বেঙ্গভারতী

দেবভূতি দাশগুপ্ত কে
বিশ্বভারতীর বিদ্যাভবনের
সাংবাদিকতা ও গণসংযোগ কেন্দ্রে
গবেষণা-নিবন্ধের জন্য ১৪২৫
বঙ্গাব্দের পিএইচ. ডি উপাধির
নিদর্শনস্বরূপ এই অভিজ্ঞানপত্র
অর্পিত হল।

সুব্রতজ্যোতিষ
উপাচার্য



৮ ভাদ্র
১৪২৫

শান্তিনিকেতন



বঙ্গাব্দ

Visva-Bharati

This is to certify that

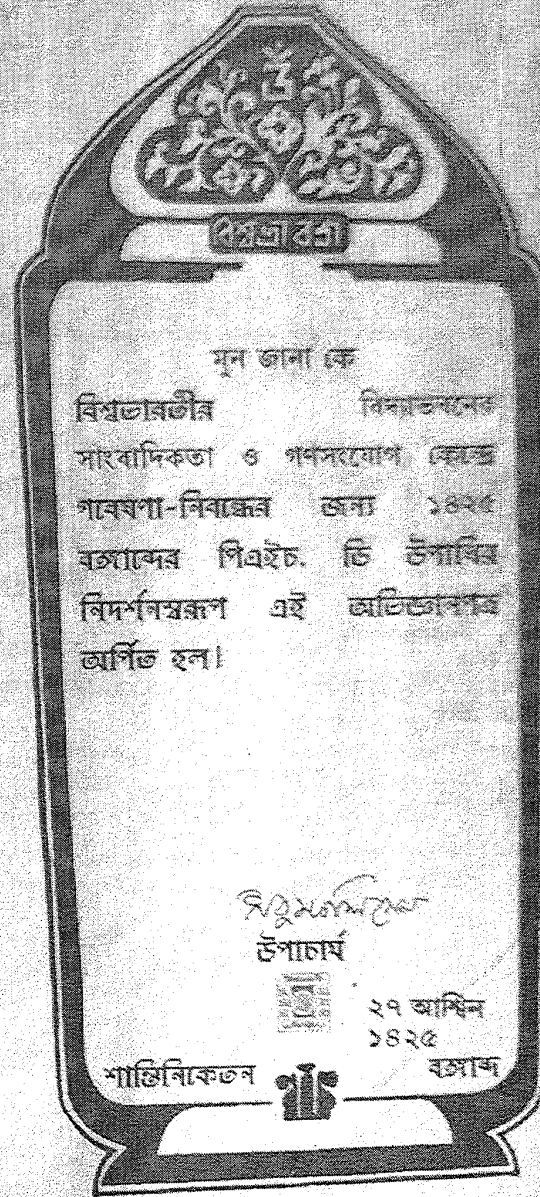
Moon Jana

was admitted to the Doctor of Philosophy in the
Centre for Journalism & Mass
Communication under Vidya-
Bhavana in this University in the year
2018 on presentation of a dissertation titled
"A Study on Environment Communication
through Newspaper with Special Reference
to West Bengal."

Sabuj Koli Sen
Vice-Chancellor



Santiniketan October 14, 2018



NO. AU/OC/14/11945

Assam University : Silchar



SILCHAR ASSAM INDIA

(A Central University Constituted By an Act of Parliament)

DOCTOR OF PHILOSOPHY

This is to certify that

REEMA ROY

bearing University Registration No 07-110034243 of 2011-2012
was admitted to the Degree of Doctor of Philosophy in
Mass Communication under Abanindranath Tagore School
of Creative Arts & Communication Studies having qualified for
the same on 16.10.2015.

The Degree is conferred in the 15th Convocation of the University
held on 15th March, 2017.

Given under the seal of Assam University this 15th day of March
2017.

Silchar, Assam (India)


Vice Chancellor

• The Degree is awarded in accordance with the UGC Regulations-2009 for Ph.D / M.Phil

Visva-Bharati

This is to certify that

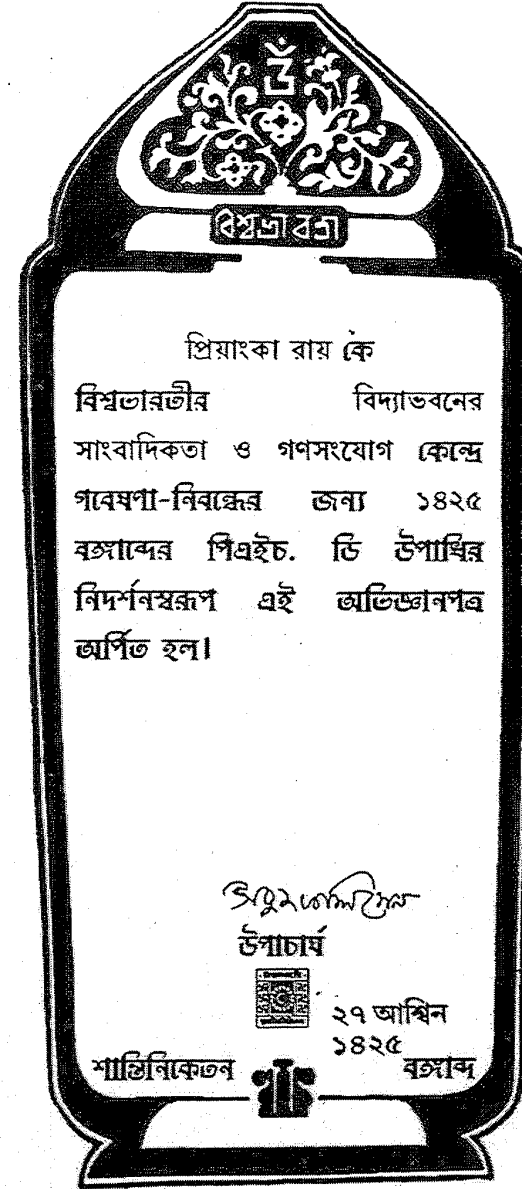
Priyanka Roy

was admitted to the Doctor of Philosophy in the
Centre for *Journalism & Mass
Communication* under *Vidya-
Bhavana* in this University in the year
2018 on presentation of a dissertation titled
“Social Media and Health Communication:
A Study on Working Women in Select
Metro Cities of India with Special
Reference to Lifestyle Diseases.”

Sabej Kohlan
Vice-Chancellor



Santiniketan October 14, 2018



No. 063

Indian Institute of Engineering Science and Technology, Shibpur

Howrah-711103, West Bengal, India



This is to certify that

Prabir Rudra

*obtained the degree of Doctor of Philosophy
(Science) in this Institute in the year 2016.*

H
Registrar

R. K. S.
Director

The 4th March, 2017

H1D000054



Certified that

Smt. Arpita Roy

was admitted to the Degree of Doctor of Philosophy in Science of this University on 28.06.2017 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 herewith affixed.



JADAVPUR UNIVERSITY
The 24th December, 2017



Sujanjan Das
Vice-Chancellor

VIDYASAGAR UNIVERSITY



This is to certify that

Gajendra Nath Maity

obtained the Degree of Doctor of Philosophy in Chemistry

under the Faculty of Science of this university

on 29.06.2022 in accordance with the provisions of the Ph. D.

Regulations, 2009 of the UGC.



Midnapore

Dated: 07 NOV 2023



(Signature)
Vice-Chancellor

20135282



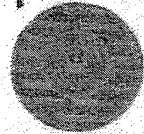
Jadavpur University

Certified that

Sri Pranab Kumar Das

was admitted to the Degree of Doctor of Philosophy in Science of this University on 08/10/2013 and that the degree was conferred on him/her at the Convocation held in December 2013 with all the Rights and Privileges thereto appertaining.

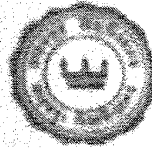
In Witness whereof the Signature of the Vice-Chancellor of Jadavpur University is herewith affixed.



JADAVPUR UNIVERSITY
The 24th December, 2013


Vice-Chancellor

G3D060015



Jadavpur University

Certified that

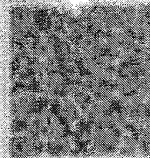
Smt. Priyadarshini Mallick

was admitted to the Degree of Doctor of Philosophy in Science of this University on 28.01.2016 and that the degree was conferred on him/her at the Convocation held on December 2016 with all the Rights and Privileges therein appertaining.

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



JADAVPUR UNIVERSITY
The 20th December 2016



Salarjan Das

UNIVERSITY OF KASHMIR



This is to certify that

Tankar Chandra Basu

obtained the degree of Doctor of Philosophy
(Science) in *Biochemistry*
in this University in the year 2014.

Senate House,
The 28th November, 2014

Sujanin Das
Vice-Chancellor

UNIVERSITY OF CALICUT



This is to certify that

Kuntal Kanti Goswami

obtained the degree of Doctor of Philosophy

(Science) in Microbiology

in this University in the year 2016 .

Sonali Chakravarti Banerjee

Vice-Chancellor

Senate House,
The 11th day of January, 2018

Sl. No. 006

MIDNAPUR UNIVERSITY



This is to certify that

Arpita Mandal

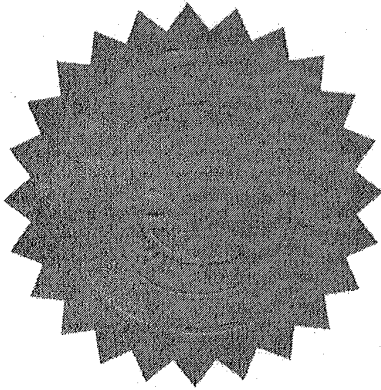
obtained the Degree of Doctor of Philosophy in

Microbiology

under the Faculty of *Science* of this university

on *14.03.2016* in accordance with the provisions of the Ph. D.

Regulations, 2009 of the UGC.



Midnapore

Dated : 09 FEB 2017



R. Choudhury
Vice-Chancellor

A1D000099



Jadaupur University

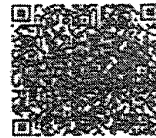
Certified that

Smt. Saswati De Mondal

was admitted to the Degree of Doctor of Philosophy in Arts of this University on 26.09.2018 and that the degree was conferred on him / her at the Convocation held in December 2018 with all the Rights and Privileges thereto appertaining.

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

JADAVPUR UNIVERSITY
The 24th December, 2018



Sujanjan Das
Vice-Chancellor

20140339



Jadavpur University

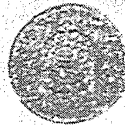
Certified that

Smt. Chandrima Ghor

was admitted to the Degree of Doctor of Philosophy in Arts of this University on 25/11/2014 and that the degree was conferred on him/her at the Convocation held in December 2014 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, 2014



A. Ghosh
Vice-Chancellor



Bardhaman University

Certified that

Smt. Rina Kar (Butta)

is entitled to the Degree of Doctor of Philosophy in Arts of this University on 26 05 2004 and that the degree was conferred on him / her in the convocation held on December 2004 with all the Rights and Privileges thereunto appertaining.

In Witness whereof the Signatures of the Chancellor and the Vice-Chancellor of Bardhaman University are hereunto affixed.

Attested
Partha Pratim Dey 05/11/05
Asst. Commercial Tax Officer,
Directorate of Commercial Taxes,
Govt. of West Bengal.



Vice-Chancellor
The 24th December, 2004

Rina Butta

Partha Pratim Dey
Chancellor

UNIVERSITY OF CALCUTTA



This is to certify that

Aspita Gupta

obtained the degree of Doctor of Philosophy
(Technology) in *Radio Physics & Electronics*
in this University in the year 2004.

A. K. Banerjee

Vice-Chancellor.

*Senate House,
The 9th March, 2004.*

S70168



Jadavpur University

Certified that
Smt. Manidipa Bhattacharya
was admitted to the Degree of Doctor of Philosophy in Science of this
University on 24. 09. 1997 and that the degree was conferred on
him/her at the Convocation held in December 1997 with all the Rights
and Privileges thereto appertaining.

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

S. C. Son
Vice-Chancellor

K. V. Rajkumar Reddy
Chancellor

900067



Jadavpur University

Certified that
Smt. Manorama Bhattacharya
was admitted to the Degree of Doctor of Philosophy in Science of this
University on 18. 12. 1990 and that the degree was conferred on
him/her at the Convocation held in December 1990 with all the Rights
and Privileges thereto appertaining.

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

Vice-Chancellor

The 22nd December, 1990

Chancellor

Freie Universität Berlin
Department of Physics

Certification
of the completion of the
Doctoral Program in Physics
that entitles the holder to use the doctor title

Parikshit Dutta
born on 17. September 1986 in Kolkata, India
has successfully completed the doctoral program on 19. December 2013

His Dissertation, entitled

The DeWitt equation in Quantum Field Theory and its applications

was given the evaluation:
VERY GOOD (MAGNA CUM LAUDE)

First Referee: Prof. Dr. Dr. h.c. mult. H. Kleinert


Second Referee: Prof. Dr. H. Nicolai

The Thesis defense was given the evaluation:
VERY GOOD (MAGNA CUM LAUDE)

The overall result for the doctoral examination is

— VERY GOOD (MAGNA CUM LAUDE) —

Berlin-Dahlem, 19. December 2013



Prof. Dr. Dr. h.c. mult. L. Wöste
Chairman of the board of examiners



SUMMA CUM LAUDE (Excellent) - MAGNA CUM LAUDE (Very Good) - CUM LAUDE (Good) - RITE (Sufficient)
The examinations were passed according to the examination rules (Promotionsordnung) from 15th July 2009.

INTERNATIONAL MAX PLANCK RESEARCH SCHOOL
FOR GEOMETRIC ANALYSIS, GRAVITATION AND
STRING THEORY

Max Planck Institute for Gravitational Physics
ALBERT EINSTEIN INSTITUTE



MAX PLANCK GESELLSCHAFT

CERTIFICATE

This is to certify that

Parikshit Dutta

born 17.09.1986

has undertaken and fully completed the graduate training programme at the
International Max Planck Research School for Geometric Analysis, Gravitation
and String Theory in the course of his doctoral studies
at the Free University Berlin on the subject

The DeWitt equation in Quantum Field Theory and its applications

Potsdam-Golm, 19.12.2013

H. Nicolai

Spokesperson of the IMPRS

Step. Friedrich

Coordinator of the IMPRS

20090261



Jadavpur University

Certified that

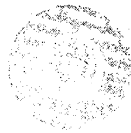
Sri Suriya Sarathi Bhattacharyya

was admitted to the Degree of Doctor of Philosophy in Science of this University on 08/07/2009 and that the degree was conferred on him/her at the Convocation held in December 2009 with all the Rights and Privileges thereto appertaining.

In Witness whereof the Signatures of the Chancellor and the Vice-Chancellor of Jadavpur University are hereunto affixed.

P. N. Gh
Vice-Chancellor

The 24th December, 2009



[Signature]
Chancellor

UNIVERSITY OF CALCUTTA



This is to certify that

Arditi Das

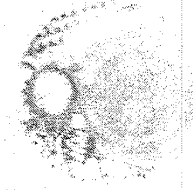
obtained the degree of Doctor of Philosophy
(Technology) in Radio Physics and Electronics
in this University in the year 2011.

Senate House,
The 22nd March, 2012

Sumanjan Das
Vice-Chancellor



होमी भाभा राष्ट्रीय संस्थान
Homi Bhabha National Institute



होमी भाभा राष्ट्रीय संस्थान
द्वारा
डॉक्टर ऑफ फिलोसॉफी
की उपाधि
अमित कुमार भट्टाचार्य
(गणित विज्ञान संस्थान)

को

भौतिक शास्त्र

में विधिवत् रूप से इसके योग्य पाने पर प्रदान करता है।
यह उपाधि उनके शोध-कार्य, जो निम्न शोध-प्रबंध
में परिणित हुआ, को मान्य पाने हेतु है।

Homi Bhabha National Institute
hereby confers the degree of
Doctor of Philosophy

on

Amit Kumar Bhattacharjee
(Institute of Mathematical Sciences)

in

Physics

he having been found duly qualified for the
same. This is in recognition of his research
work leading to following thesis.

Thesis title : Inhomogeneous Phenomena in Nematic Liquid Crystals

प्रबंधन परिषद् की बैठक दिनांक Date of meeting of Council of Management: February 15, 2013

अध्यक्ष, विद्या परिषद् Chairman, Academic Council

अध्यक्ष, प्रबंधन परिषद् Chairman, Council of Management

Enrolment No. PHY510200604009

10051 via University established under Section 7 of the UGC Act, 1956 vide Notification No. F-7-10104-1-13, dated 2nd June, 2007 of Government of India
Regd. Office: Training School Complex, Anandkumar, Mumbai-400 074

Result Notified in: February, 2013

Enrolment No. 89/62/M5/29

जवाहरलाल नेहरू विश्वविद्यालय
नई दिल्ली

Jawaharlal Nehru University
New Delhi

Upon the recommendation of the Academic Council
hereby confers the Degree of

Doctor of Philosophy

On Sukanta Acharyya

who has successfully completed in the year 1995 the requirements prescribed under the Ordinance for the award of this degree.

Title of Thesis :

*"Police and Political Process in Rural West Bengal:
A Case Study of South 24 Parganas District."*

Given this day under the seal of the University at New Delhi in the Republic of India.

The



[Signature]
Registrar

[Signature]
Vice-Chancellor

UNIVERSITY OF CADETIA



This is to certify that

Sanchita Sanyal

obtained the degree of Doctor of Philosophy

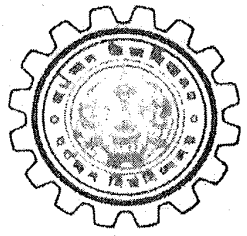
(Arts) in Political Science

in this University in the year 2018 .

Senate House,
7.1.2019

ScB
Vice-Chancellor

THE UNIVERSITY OF BURDWAN



Jatarupa Pal

having submitted a thesis entitled "Exclusionary Practices against Women and the Politics of Presence: A Study of Select Gram Panchayats in the district of Birbhum since 1978"

and having satisfied all the conditions prescribed in this respect by the University, as per UGC regulation-2009, was duly admitted to the degree of

Doctor of Philosophy in *Political Science*

in the year 2015

Bardoli, Burdwan



Vice - Chancellor

The 27th July 2015.

UNIVERSITY OF CALCUTTA



This is to certify that

Jhuma Mukhopadhyay
obtained the degree of **Doctor of Philosophy**
(Science) in *Applied Psychology*
in this University in the year 2006.

Senate House,
The 27th. March, 2006

A. K. Bhattacharya
Vice-Chancellor

UNIVERSITY OF CALCUTTA



This is to certify that

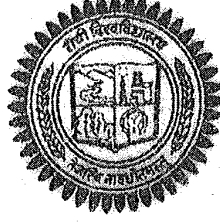
Rimjhim Ray

obtained the degree of **Doctor of Philosophy**
(Arts) in *Psychology*
in this University in the year 2013.

Sujan Das
Vice-Chancellor

Senate House,
The 29th November, 2013

रांची विश्वविद्यालय



प्रमाणित किया जाता है कि कुमार सुर्य नारायण सिंह को, जिन्होंने जून 2016 ई. में डॉक्टर ऑफ फिलॉसफी (सोशल साइंस) क्लिनिकल साइकोलॉजि परीक्षा में उत्तीर्णता प्राप्त की, आज यह उपाधि प्रदान की गयी।



RANCHI UNIVERSITY

This is to certify that KUMAR SURYA NARAYAN SINGH passed the Doctor of Philosophy (Social Science) in Clinical Psychology Examination held in the month of June 2016, was this day admitted to the degree.

Topic of Research:

"Neuro-cognitive Impairment in Schizophrenia patients."

Ranchi University, Ranchi

Dated : 13 Nov 2017

R K Pandey
Vice Chancellor

20100069



Jadavpur University

Certified that

Smt. Bipa Bandyopadhyay

was admitted to the Degree of Doctor of Philosophy in Arts of this University on 22/11/2010 and that the degree was conferred on him/her at the Convocation held in December 2010 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, 2010

Pradip Narayan Ghosh
Vice-Chancellor

20110035



Jadaupur University

Certified that

Sri Arnab Patra

was admitted to the Degree of Doctor of Philosophy in Arts of this University on 10/08/2011 and that the degree was conferred on him/her at the Convocation held in December 2011 with all the Rights and Privileges thereto appertaining.

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



JADAVPUR UNIVERSITY
The 24th December, 2011

P. N. Ghosh
Vice-Chancellor

बुन्देलखण्ड विश्वविद्यालय

BUNDELKHAND UNIVERSITY



विद्या – वाचस्पति

प्रमाणित किया जाता है कि सोमनाथ दास
 ने इस विश्वविद्यालय से संस्कृत विभाग
 विषय विद्या-वाचस्पति की उपाधि वर्ष 2012 में प्रदान की गयी।
 उक्त उपाधि के लिये अपने निम्न विषय पर मौलिक प्रबन्ध प्रस्तुत किया।
 "साख्य मतानुसारात् मुक्ति स्वरूप वर्णनम् पर एक अध्ययन।"

Doctor of Philosophy

This is to certify that SOM NATH DAS
 has been admitted to the Degree of *Doctor of Philosophy*
 in SANSKRIT DEPARTMENT in this University in
 the subject on which he/she presented a Thesis for the Degree was
 "A STUDY ON SANKHYA MATANUSARAT MUKTI SWAROOP
 VARNANAM."

Bundelkhand University

बुन्देलखण्ड विश्वविद्यालय

डो.सी. उ. प. Jhansi U. P. 284001

Warden

Checker

Checker

कुलसचिव

Registrar

कलपति

Vice-Chancellor

24 SEP. 2012



A001205

CMJ UNIVERSITY

Established by the Government of Meghalaya as per section 2(f) of UGC act 1956



Scholar No. – 80187910106568

DOCTOR OF PHILOSOPHY

(Faculty of Science)

We, the Chancellor, the Vice-Chancellor and the members of Academic Council of CMJ University certify that

PARTHASARATHI BERA

Has been awarded the degree of Doctor of Philosophy in Statistics, in the month of March 2013, as per UGC Gazette Notification. Dated 11th-17th July 2009.

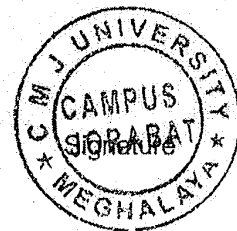
Topic: "The Statistical Account from Various Layers: Modeling in Space and Time."

This Degree is signed by the Vice-Chancellor and marked with Seal of the University.

REGISTRAR

VICE-CHANCELLOR

DATE: 22/11/2018
CAMPUS: Jorabat, Ri-Bhoi Distt.
Meghalaya



UNIVERSITY OF CALCUTTA



This is to certify that

Sankha Bhattacharyya

obtained the degree of **Doctor of Philosophy**
(Science) in *Statistics*

in this University in the year 2010 .

Senate House,
The 22nd March, 2012

Sumanjan Das
Vice-Chancellor.

UNIVERSITY OF CALCUTTA



This is to certify that

Dhiman Dutta

obtained the degree of Doctor of Philosophy
(Science) in *Statistics*
in this University in the year 2010.

Senate House,

16th October, 2010.

Sulanjan Das
Vice-Chancellor

UNIVERSITY OF CALCUTTA



This is to certify that

Shirsendu Mukherjee

obtained the degree of **Doctor of Philosophy**
(Science) in *Statistics*

in this University in the year 2009 .

Senate House,
The 11th September, 2009

Sumanjan Das
Vice-Chancellor.

20135141



Jadaupur University

Certified that

Sri Deep Chandan Chakraborty

was admitted to the Degree of Doctor of Philosophy in Science of this University on 12/02/2013 and that the degree was conferred on him/her at the Convocation held in December 2013 with all the Rights and Privileges thereto appertaining.

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

JADAVPUR UNIVERSITY

The 24th December, 2013


Vice-Chancellor

UNIVERSITY OF CALCUTTA



This is to certify that

Napan Kumar Roy

obtained the degree of **Doctor of Philosophy**
(Science) in *Zoology*
in this University in the year 2014.

Senate House,

The 28th November, 2014

Sujan Das
Vice-Chancellor.

UNIVERSITY OF CALCUTTA



This is to certify that

Tripurna Datta Roy

obtained the degree of **Doctor of Philosophy**
(Science) in *Ecology*
in this University in the year 2011.

Senate House,
The 22nd March, 2012

Sulonjin Das
Vice-Chancellor.

No.: Ph.D/ZOO/368/23122020

University of Kalyani



This is to certify that

A.R. Md. Mustafizur Rahaman

Obtained the Degree of Doctor of Philosophy
(Science) in Zoology in this University in the year 2020.

Kalyani

The 7th December, 2023



Analendu Bhunia
Vice - Chancellor



NETAJI SUBHAS OPEN UNIVERSITY

DD-26, Sector-I, Salt Lake, Kolkata-700064

Accredited by NAAC with grade 'A'

Reg. No. 06109900004

Certified that

Pritfiwis Kumar Mitra*

*Was admitted to the Degree of Doctor of Philosophy in
Philosophy on 25.09.2014.*

Kolkata

Date of issue: 20 August, 2021

Vice-Chancellor

*(*The candidate was registered prior to the date of implementation of UGC
(Minimum Standards and Procedures for Award of M.Phil./Ph.D. Degree)
Regulation 2009 and this certificate is being issued pursuant to the resolution of the
Special Meeting of Executive Council of the University held on 20/08/2021.)*

UNIVERSITY OF CALCUTTA



This is to certify that

Ananya Mondal

obtained the degree of Doctor of Philosophy

(Science) in Psychology

in this University in the year 2018 .

Senate House,
7.1.2019

Feb
Vice-Chancellor.

76
73

UNIVERSITY OF CALCUTTA



This is to certify that

Satabdi Nandi

obtained the degree of Doctor of Philosophy

(Science) in myology

in this University in the year 2016 .

Souhi Chakravarti Banerjee

Senate House,

The 11th day of January, 2018

Vice-Chancellor

UNIVERSITY OF CALCUTTA



This is to certify that

Subhabrata Ghosh

obtained the degree of **Doctor of Philosophy**
(Science) in *Biotechnology*

in this University in the year 2013.

Senate House,
The 29th November, 2013

Sulagan Das.
Vice-Chancellor.



भारतीय प्रौद्योगिकी संस्थान रुड़की

अभिषद् की अनुशंसा पर

विद्या वाचस्पति

की उपाधि

आइनुल हक

को

शोध प्रबन्ध शीर्षक: इलेक्ट्रोऑस्मोटिक फ्लो एण्ड हीट ट्रांसफर ऑफ न्यूटोनियन/नॉन-न्यूटोनियन फ्लूइड इन माइक्रो एण्ड नैनो चैनल
भारतीय गणराज्य के अन्तर्गत रुड़की में आज, दिनांक नवम्बर 29, 2020, संस्थान की मुद्रा अंकित यह उपाधि दी गई।

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

on the recommendation of the Senate hereby confers the degree of

Doctor of Philosophy

upon

AINUL HAQUE

Thesis Title: ELECTROOSMOTIC FLOW AND HEAT TRANSFER OF NEWTONIAN/NON-NEWTONIAN FLUID IN MICRO AND NANO CHANNEL

Given this day, November 29, 2020, under the seal of the Institute at Roorkee in the Republic of India.




पञ्चानन

कुलसचिव
Registrar



अध्यक्ष, अभिषद् एवं निदेशक
Chairman, Senate & Director

Roll No.16GG91R04



INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

upon the recommendation of the Senate hereby confers the degree of

Doctor of Philosophy

on

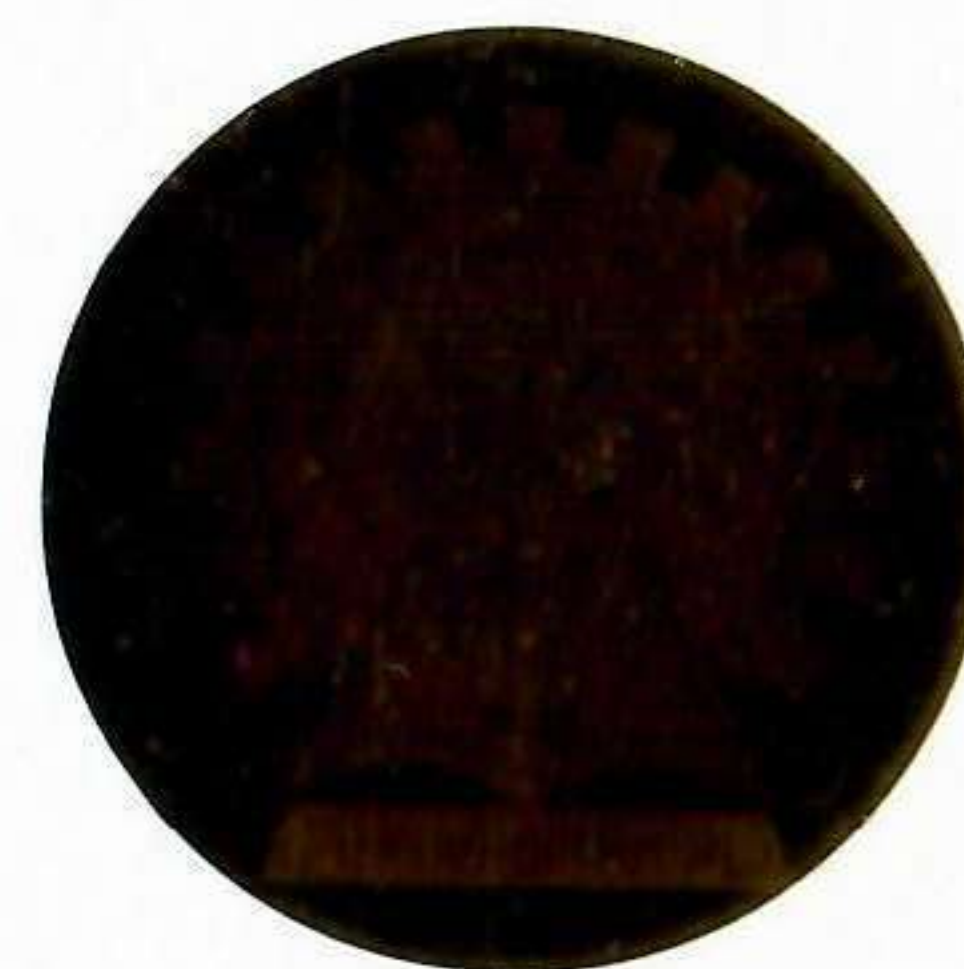
Fulmati Ram

in recognition of the research work on

Organic Carbon Geochemistry of Holocene Sediments from the Rann of Kachchh: Implications to Past Climate, Depositional Environment, and Ancient Human Settlements

Given under the seal of the Institute at Kharagpur on the Eighteenth day of December, Two Thousand and Twenty Three

Registrar



Director



INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

upon the recommendation of the Senate hereby confers the degree of

Doctor of Philosophy

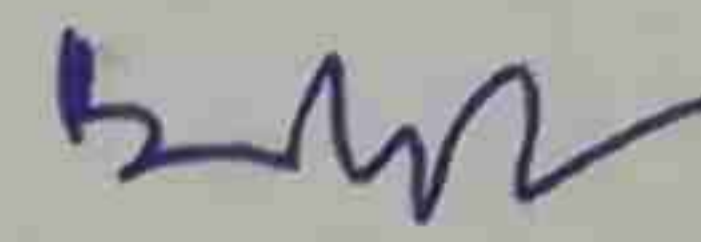
on

Arpita Roy

in recognition of the research work on

Morphological Alteration of Various Self-Assemblies and Effect on Different Excited State Processes

Given under the seal of the Institute at Kharagpur on the Twentieth day of July, Two Thousand and Eighteen


Registrar




Director

RAIGANJ UNIVERSITY



Dr. Durlav Sarkar
Registrar

P.O. RAIGANJ
DIST. UTTAR DINAJPUR
WEST BENGAL
PIN - 733134
INDIA
Tel. No. : 03523 - 244039
Fax No. : 03523 - 242580

OFFICE OF THE REGISTRAR

Ref. No. ...R-279/2021

Date ...09/02/2021.

PROVISIONAL CERTIFICATE

To,
Ms. Pritha Biswas
Department of Economics
Raiganj University
Raiganj, Uttar Dinajpur
West Bengal - 733134

Dear Pritha Biswas,

I am desired to inform you that on the recommendation of the Board of Examiners on their adjudication of the undernoted thesis submitted by you and also on the results of the Viva-voce Examinations, you have been awarded to the **Ph.D Degree** under **UGC Regulations, 2016**, in **Economics (Arts)**, of Raiganj University on **05.02.2021**.

Yours faithfully,

Registrar
Raiganj University

Title of the thesis:

“ Women’s Empowerment: A study on their access to resources and knowledge “



सीनेट की अनुशंसा पर

भारतीय अभियांत्रिकी विज्ञान एवं प्रौद्योगिकी संस्थान, शिबपुर

का शासी मंडल

बाप्पा मंडल

को

साइंस

में

डॉक्टर ऑफ फिलॉसफी

की उपाधि प्रदान करता है।

इन्होंने नियमों के तहत 14 जनवरी, 2021 में निर्धारित पाठ्यक्रम सफलतापूर्वक पूरा कर लिया है।
भारतीय गणराज्य के अंतर्गत शिबपुर में यह संस्थान-मुद्दंकित उपाधि आज दिनांक 30 जून 2021 को प्रदान की गई।

The Board of Governors

of the

Indian Institute of Engineering Science and Technology, Shibpur

*upon the recommendation of the Senate
hereby confers the degree of*

Doctor of Philosophy

in

Science

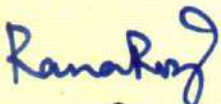
on

Bappa Mondal

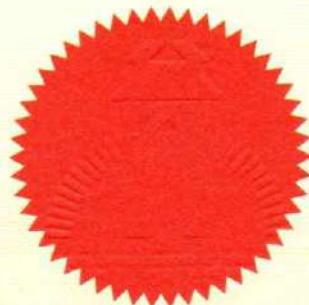
on his having successfully completed the prescribed requirements of the degree on


January 14, 2021

*Given this day, under the seal of the Institute, at Shibpur in the Republic of
India, the 30th day of June 2021.*



कुलसचिव
Registrar





निदेशक एवं अध्यक्ष, सीनेट
Director and Chairman, Senate

UNIVERSITY OF CALCUTTA



This is to certify that

Debajit Chatterjee

obtained the degree of Doctor of Philosophy

(Science) in Statistics

in this University in the year 2019 .

Sonali Chakravarti Banerjee

Vice-Chancellor.

Senate House,
The 28th day of January, 2020


University of Gour Banga



This is to certify that
Swapan Talukdar
obtained the degree of
Doctor of Philosophy
in
Geography
under the Faculty of Science
of the University in the year 2020

Malda
West Bengal
December 01, 2022




Dr. Shanti Chhetry
Vice Chancellor

Sl. No. 420

VIDYASAGAR UNIVERSITY

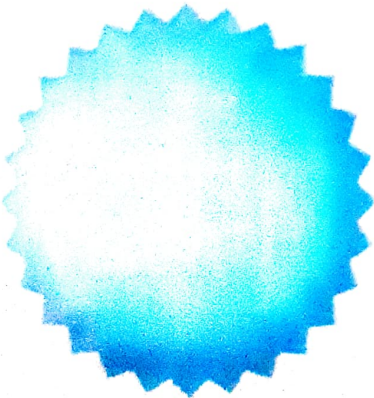


This is to certify that

Arundhati Ganguly

obtained the Degree of Doctor of Philosophy in Zoology

under the Faculty of Science of this university
on 28.12.2022 in accordance with the provisions of the Ph. D.
Regulations, 2009 of the UGC.



Midnapore

Dated: 31 NOV 2023



[Signature]
Vice-Chancellor



WEST BENGAL STATE UNIVERSITY

Berunanpukuria, Malikapur Barasat

24 Parganas (North), Kolkata - 700 126

Phone : (033) 2524 1975 / 1976 / 1978 / 1979 Fax : (033) 2524 1977


Ref. No :

Date : 05/02/2024

TO WHOM IT MAY CONCERN

This is to certify that Mr. Subhadip Gupta (Registration Number – 10012445114000004 of 2012) has successfully fulfilled the requirement for the Ph.D. (Science) Degree of the West Bengal State University. His date of award of the Ph.D. Degree may be treated as 06th October 2023. The title of the thesis is "**HYDRO-GEOMORPHIC ANALYSIS OF PANCHANOI RIVER ,DARJEELING DISTRICT, WEST BENAL, INDIA**".

Due to unavoidable circumstances, we request that this Certificate may be treated as equivalent to the provisional degree certificate for Ph.D. Degree.


Registrar (Officiating)

West Bengal State University

Barasat, Kolkata-700 126
Registrar (Officiating)
West Bengal State University
Barasat, Kolkata-700 126

THE UNIVERSITY OF BURDWAN

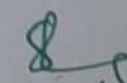


PROVISIONAL CERTIFICATE

Ram Krishna Das having submitted a thesis entitled "Effect of Dietary Supplementation by Spirulina and Noni in Common Carp and Mosquito fish exposed to Sub lethal Concentration of Aluminium and Fluoride" and having satisfied all the conditions prescribed in this respect by the University, as per UGC'S regulation 2016, was duly admitted to the Degree of Doctor of Philosophy in Zoology in the year 2023.

Rajbati, Burdwan

The 8th September, 2023


Registrar

T6D000067



Jadavpur University

Certified that

Jubin Hasmin

was admitted to the Degree of Doctor of Philosophy in Arts of this University on 12.07.2023 and that the degree was conferred on him/her at the Convocation held in December 2023 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, 2023



Vice-Chancellor

UNIVERSITY OF CALCUTTA



This is to certify that

ARNAB KUMAR GHOSHAL

obtained the degree of Doctor of Philosophy

in Information Technology *under the*

Faculty of Technology *of*

this University in the year 2023.

Admitted to the degree on August 29, 2023.

*Senate House,
March 22, 2024*

*Santa Saha (Dr.)
Vice-Chancellor.*