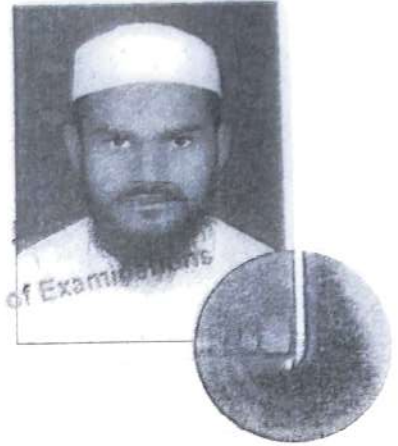


*The English and Foreign Languages University*  
(A Central University established by an Act of Parliament)  
Hyderabad 500 007, India



Controller of Examinations

*This is to certify that*

*Mr. Md. Shamim Nizami*

*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**

*in*

*Arabic (Literature)*

*12/9/16*

(Quazi Mateenuddin H)  
Asso Professor  
Faculty of ECE  
Indian Naval Academy  
Exhimala

Dated 12-09-2016

Registrar  
Registrar I/c, EFLU

Vice-Chancellor

# जवाहरलाल नेहरू विश्वविद्यालय

## नई दिल्ली



विद्या परिषद् की संस्तुति पर

मोहम्मद आलमगिर

को

## विद्या वाचस्पति

की उपाधि प्रदान करता है जिन्होंने संबंधित अध्यादेश के अन्तर्गत निर्धारित अपेक्षाओं को वर्ष 2016 में सफलतापूर्वक पूरा किया है।

शोध-प्रबंध का शीर्षक: "सोशल एण्ड कल्चरल वैल्यूज इन द सिलेक्टेड स्टोरीज ऑफ मुस्तफा लुत्फी अल-मनफलुति एण्ड रबीन्द्रनाथ टैगोर (ए कम्पेरेटिव स्टडी)"

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 **Mohd Alamgir**

*who has successfully completed in the year 2016 the requirements prescribed under the Ordinance for the award of this Degree.*

**Title of Thesis: "Al-qiyam Al-Ijtima'iyah Wa Al-thaqafiyah Fi Qasasim Mukhtarah Li-Mustafa Lutfi Al-Manfaluti Wa Rabindranath Tagore Dirasah Muqaranah Social and cultural values in the selected stories of Mustafa Lutfi Al-Manfaluti and Rabindranath Tagore (A Comparative Study)"**

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

दिनांक/The 11-8-2017



*Proamod*

कुलसचिव/Registrar

*MSG*

*AK Tagadestkumar*

कुलपति/Vice-Chancellor

# Visva-Bharati

This is to certify that

*Srabani Basu*

was admitted to the Doctor of Philosophy in the Department of *Bengali* under *Bhasha-Bhavana* in this University in the year 2013 on presentation of a dissertation titled “Diction in Rabindranath's novels : A Stylistic Analysis.”

*S. G. Jyoti*

Vice-Chancellor



Santiniketan December 7, 2013



বিশ্বভারত

শ্রাবণী বসু কে  
বিশ্বভারতীর ভাষাভবনের বাংলা  
বিভাগে “রবীন্দ্র-উপন্যাসের ভাষা :  
শৈলীগত পর্যালোচনা” শীর্ষক  
গবেষণা-নিবন্ধের জন্য ১৪২০  
বঙ্গাব্দের পিএইচ. ডি উপাধির  
নিদর্শনস্বরূপ এই অভিজ্ঞানপত্র  
অর্পিত হল।

স্বাক্ষরিত

উপাচার্য



শান্তিনিকেতন



২১ অগ্রহায়ণ  
১৪২০ বঙ্গাব্দ



# Jodhpur University

Certified that Sri / Mrs. **Shyamal Chandra Das**

having passed the Final Examination of **1999** held in the year **1999**, has been admitted to the Degree of **Master of Philosophy** in **Bangali** with all the Rights and Privileges that pertaining at the Convocation held in **2000**.

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

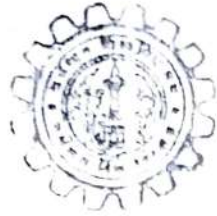
Vice-Chancellor  
*Arbora*

JADAVPUR UNIVERSITY  
The 24th December, 2000

RECEIVED  
JAN 2 2001  
Jodhpur University  
Chancellor's Office  
Jodhpur

198

# THE UNIVERSITY OF BURDWAN



## PROVISIONAL CERTIFICATE

Sibabrata Challopadhyay

having submitted a thesis entitled "Rabindranath  
Natakere Sanlap"

and having satisfied all the conditions prescribed in this respect by the  
University, was duly admitted to the Degree of Doctor of Philosophy  
in Arts (Bengali) in the year 1988.

Rajbati, Burdwan

The 29<sup>th</sup> March 1988

Attested  
S. S. S. S.  
21/5/85  
Teacher - in - charge  
KATWA COLLEGE

*[Signature]*  
Registrar

Serial No

1253

# THE UNIVERSITY OF BURDWAN



## Provisional Certificate

*Arindam Chattopadhyay*

having submitted a thesis entitled

*"Bangla Group Theatre: Prattasha O Prapti"*

and having satisfied all the conditions prescribed in this respect by the University, was duly admitted to the Degree of **Doctor of Philosophy** in *Arts* ( *Bengali* ) in the year *2007*.

*[Signature]*

Registrar

Rajbati, Burdwan

The *26<sup>th</sup>* November, 2007.

*ABST-1*  
*Smt. Chhababati*  
*19.12.2007* - Professor  
Department of Bengali

Visva-Bharati

This is to certify that

*Sri Uday Chand Das*

was admitted to the Degree of Doctor of  
Philosophy in this University in the  
year 1993

on presentation of a thesis entitled

*রবীন্দ্র ছোটগল্প: বাস্তবতার পরিপ্রেক্ষিতে*  
(Rabindra Chhotogalpa: Bastabatar Pariprekshite).

*D. S. S.*  
Vice-Chancellor



Santiniketan

16. 9 . 1993



# VISVA-BHARATI



## Provisional Certificate

This is to Certify that

Sri ~~man~~ / Srimati Anindita Bandyopadhyay

has qualified for the Degree of Doctor of Philosophy (Ph. D.) in on presentation of a thesis as mentioned below under the Department of Bengali

The Degree will be conferred on him/her at the next Annual Convocation of the University.

Premendra Mitra  
Title of the thesis Chhotogalpo : Tibandrishti O Shilporup  
ছোটগল্প : তিবন্দ্রিশ্চি ও শিল্পরূপ

SANTINIKETAN

Dated 8<sup>th</sup> September 2002

P. S. Das  
Deputy Registrar (Examination) 08/09/02  
VISVA-BHARATI

P. S. Das  
8/9/02

# THE UNIVERSITY OF BURDWAN



*Alok Kumar Chakraborty*  
 having submitted a thesis entitled  
 "Santosh Kumar Ghosh : Jiban - O -  
 Sahitya."

and having satisfied all the conditions  
 prescribed in this respect by the University, was  
 duly admitted to the degree of **Doctor of Philosophy**  
 in *Arts (Bengali)*  
 in the year 1999/2000/2001

*Raybati, Burdwan*

*The 19<sup>th</sup> April, 2000*

*Vice-Chancellor*

*Attested  
 P. Sanyal  
 11-7-2001*



# Jadhavpur University

*Certified that*

Sri Amitava Das

was admitted to the Degree of Doctor of Philosophy in Arts of the University on 28/08/2002 and that the degree was conferred on him / her at the Convocation held in December 2002 with all the Rights and Privileges thereto appertaining.

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

*Arbani*

Vice-Chancellor  
14th December, 2002

*Attested*

*Udaya Chakraborty*  
919108

Professor  
Bengali Department  
Jadhavpur University  
Kolkata-750 052

*[Signature]*  
Chancellor

THE UNIVERSITY OF BURDWAN



Ramen Kumar Gair

having submitted a thesis entitled  
"Amarendranath Dutta - O - Bangla Theatre"

and having satisfied all the conditions  
prescribed in this respect by the University, was  
duly admitted to the degree of Doctor of Philosophy  
in Arts (Bengali)  
in the year 2002.

Signature  
Aug. 26, 07

Bajbati, Burdwan

The 19th April, 2012

Page 12

Signature  
Vice-Chancellor



# Jadavpur University

*Certified that*

**Smt. Sangita Sanyal**

*was admitted to the Degree of Doctor of Philosophy in Arts of this University on 23/11/2012 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*  
**Jadavpur University** *is hereunto affixed.*



JADAVPUR UNIVERSITY  
The 24th December, 2012

*Self Attested  
Sangita Sanyal  
27/12/15*

*Smt. Sangita Sanyal*  
Vice-Chancellor

# THE UNIVERSITY OF BURDWAN



*Moloy Rakshit*

*having submitted a thesis entitled*

*“Raktakarabi : Rupé, Rupantaré”*

*and having satisfied all the conditions  
prescribed in this respect by the University, was  
duly admitted to the degree of Doctor of Philosophy  
in Arts (Bengali)*

*in the year 2005 .*

*Rajbala Burdwan*

*The 31<sup>st</sup> May, 2005*

*Agarwal*  
Vice-Chancellor

मुंबई विद्यापीठ



UNIVERSITY OF MUMBAI

आम्ही मुंबई विद्यापीठाचे कुलपती, कुलगुरू आणि व्यवस्थापन परिषदेचे सदस्य असे प्रमाणित करतो की टाटा इन्स्टिट्यूट ऑफ फंडामेंटल रिसर्चचे अमल कुमार बन्धोपाध्ये यांनी सप्टेंबर २००० मध्ये विद्यावाचस्पती (विज्ञान) पदवीसाठी भौतिक रसायनशास्त्र या विषयात सादर केलेला प्रबंध परीक्षकांनी तपासून स्वीकृत केला असून दिनांक २७ डिसेंबर २००१ रोजी मुंबई येथे झालेल्या दीक्षांत समारंभात त्यांना विद्यावाचस्पती (विज्ञान) ही पदवी प्रदान करण्यात आली आहे.

विद्यापीठाची मुद्रा व कुलगुरूंची स्वाक्षरी यांसह साक्षीने अंकित.

We, the Chancellor, Vice-Chancellor and Members of the Management Council of the University of Mumbai certify that Amal Kumar Bandyopadhyay of the Tata Institute of Fundamental Research, having presented in September 2000, a Thesis for the degree of Doctor of Philosophy (Science) in Physical Chemistry, which has been accepted by the Examiners, the degree of Doctor of Philosophy (Science) has been conferred on him at the Convocation held in Mumbai on 27th December, 2001.

In testimony whereof are set the Seal of the said University and the signature of the said Vice-Chancellor.

Amal  
5.1.02

कुलगुरु VICE-CHANCELLOR



Indrani Chandra

having submitted a thesis entitled "Tissue culture and cytology of *Coccinia grandis* (L.) Wight & *Flacourtia jangomas* (Lour.) Baerach"

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 2001.

Attested  
9/12/10  
Reader,  
Department of Computer Science  
University of Burdwan  
Burdwan-713104 (W. B.) India

Rajbati, Burdwan  
The 31<sup>st</sup> July, 2001.

Signature  
Vice-Chancellor



Serial No.....1973

# THE UNIVERSITY OF BURDWAN



## PROVISIONAL CERTIFICATE

*Santanu Paul*

.....having submitted a thesis entitled

*Microbial Degradation of Organophosphate Insecticide by the Selected Isolates*

and having satisfied all the conditions prescribed in this respect by the University,

as per UGC'S regulation – 2009, was duly admitted to the Degree of Doctor of

Philosophy in *Microbiology* (.....) in the year *2017*..

Rajbati, Burdwan

The *25th January 2017*

*[Signature]*  
Registrar

*Santanu Paul*  
*12.4.17*

20070236



# Jadavpur University

*Certified that*

**Sri Sujit Roy**

*was admitted to the Degree of Doctor of Philosophy in Science 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 Jadavpur University are hereunto affixed.*

*P. N. Ghosh*

Vice-Chancellor

The 24th December, 2007



*Attested*  
*K. P. Das*  
*23/8/10*  
Prof. K. P. Das, Ph.D., FNASc.  
Department of Chemistry  
Bose Institute  
93/1, A.P.C. Road  
Kolkata - 700 009

*[Signature]*  
Chancellor

# UNIVERSITY OF CALCUTTA



This is to certify that

*Paikat Naskar*

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

*Sulanjan Das.*  
Vice-Chancellor.

Senate House,  
The 28th November, 2014

3287

# THE UNIVERSITY OF BURDWAN



*Dibyendu Saha*

.....  
having submitted a thesis entitled..... *Investigation on the*  
*Phytoplankton Diversity of Abandoned Open Cast Coal*  
*Mine Pits in certain areas of Raniganj Coalfield, West*  
*Bengal, India*..... 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.....  
*Botany*..... in the year..... *2022*

*Rajbati, Burdwan*  
*The 25<sup>th</sup> March 2022*

  
*Vice Chancellor*

# UNIVERSITY OF NORTH BENGAL



ENLIGHTENMENT TO PERFECTION  
Accredited by NAAC with 'A' Grade

*This is to certify that*

**Nishika Jaishee**

*obtained the*

*Degree of Doctor of Philosophy (Science) in  
Botany*

*from this University in the year 2017  
according to the U.G.C. Regulations 2009.*

*The Title of his/her Ph.D. thesis is*

**“PHYTOCHEMICAL ANALYSIS OF SOME FERNS WITH  
REFERENCE TO THEIR ANTIOXIDANT , HYPOGLYCEMIC  
AND ANTIMICROBIAL ACTIVITIES”**

*Self attested  
Buljamilee  
12/10/22*

# University Of Kalyani



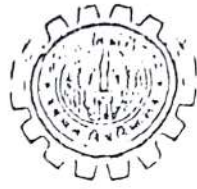
This is to Certify that

*Asok Ghosh*

obtained the Degree of Doctor of Philosophy ( Science )  
in *Botany* in this University  
in the year 2013 .

Kalyani  
04.FEB.2016

*M. Sha*  
Vice-Chancellor



Jai Prakash Keshri

having submitted a thesis entitled "Taxonomic investigation on certain groups of freshwater filamentous green algae of northern Part of Midnapur District, West Bengal"

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 1992 .

Rajlata, Burdwan

12.11.1992.

Mr  
Vice-Chancellor

# UNIVERSITY OF CALCUTTA



This is to certify that

*Abhijit Bandyopadhyay*

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

A. K. Banerjee

Vice-Chancellor.

Senate House,  
16th March 2000

APL  
*Handwritten signature*  
30.3.2000  
K. DATTA GUPTA



THE UNIVERSITY OF BURDWAN

1235



*Soumen Bhattacharjee*

*having submitted a thesis entitled "Abiological stress induced metabolic disfunction in Amaranthus lividus Linn. with special reference to amelioration, membrane deterioration and changing protein profiles."*

*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 2001.*

*Raybati, Burdwan*

*The 7<sup>th</sup> May, 2001.*

*Aparajita*  
Vice-Chancellor

# THE UNIVERSITY OF BURDWAN



*Tusharkanti Maiti*

*having submitted a thesis entitled "Production  
of L-Phenylalanine by auxotrophic mutants  
of Arthrobacter Globiformis"*

*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 1992.*

*Rajbati, Burdwan*

*The 30.9.1992*

*[Signature]*  
*Vice-Chancellor*

# UNIVERSITY OF CALCUTTA



This is to certify that

*Rajib Bandopadhyay*

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

in this University in the year 2004.

Senate House,  
The 9th March, 2004.

*A. K. Banerjee*  
Vice-Chancellor.



Sikha Dutta

having submitted a thesis entitled

“Studies on Rhizopus rot of  
Jackfruit and its Control.”

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 1999/2000/2001

Rajbati, Burdwan

The 7<sup>th</sup> April, 2000.

Amal Kumar

Vice-Chancellor

Sl. No.  
4864

T. M. BHAGALPUR UNIVERSITY



This is to certify that Abhijit Pakira  
passed the Ph.D Faculty of Commerce <sup>2010</sup> Examination held  
in the month of May 2010 and was placed  
in Y Y Y Division/Class.

Date 23.10.10

Sd. R. R. Poddar

Registrar

Certified that this is the English Version of the Provisional Certificate issued in Hindi. This will have no validity unless it is produced along with the Provisional Certificate in Hindi.

By Date 24.9.11

Assistant

S. O.

attested  
R. Poddar  
18/11/11

Certified  
R. R. Poddar  
Asstt. Registrar



# Jadaupur University

*Certified that*

**Smt. Susmita Gandhyopadhyay**

*was admitted to the Degree of Doctor of Philosophy in Engineering of this University on 20/02/2014 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 herewith affixed.*

JADAVPUR UNIVERSITY  
The 24th December, 2014



*[Signature]*  
Vice-Chancellor

# THE UNIVERSITY OF BURDWAN



*Pradip Kumar Mallik*

*having submitted a thesis entitled "Assertive Behaviour" - A study of Psychological factors encompassing sales involvement and performance of the sales representatives in Agricultural input Industries of West Bengal" and having satisfied all the conditions prescribed in this respect by the University, was duly admitted to the degree of Doctor of Philosophy in Arts (Business Administration) in the year 1997.*

*Raybati, Burdwan  
The 26<sup>th</sup> August 1997.*

*J. K. Ban  
Vice-Chancellor*

Magadh University, Bodh Gaya.  
Notification.

By order of the Vice-Chancellor the undernoted candidate is declared to have passed the Ph.D. Examination in the faculty of Social Science held in the month of Sept. 1988.

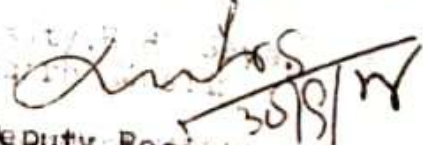
Name	Subject
Dev Malya Dutta	Management of Rural Health Service in Bihar with an attempt to achieve Health for all by 200 A.D.

Sd/- N.H. Mishra,  
Dy. Registrar (Exam.)  
Bodh Gaya, dated the 30<sup>th</sup> Sept '88

Memo No. V. Exam. (conf.) 21341

Copy forwarded to :-

1. The Dean, Faculty of Social Science Magadh University, Bodh Gaya.
2. Dr. N. Hasan Deptt. of Business Administration, Aligarh Muslim University, Aligarh.
3. Dr. V. Balamohan Das, Deptt. of Management studies, Andhra University Waltair (A.P.)
4. Dr. Ch. kradhar Singh, Director L.N. Mishra Institute of Economic Department of Social Change Patna.
5. Sri Dev Malya Dutta L.N.M. Institute of Economic Department Social Change Patna.
6. The Secretary University Grants Commission, 35 Ferozeshah Road J.N. U. Building, New Delhi-110001.
7. The Secretary, Association of Indian Universities Din Dayal Upadhay Marg New Delhi-110001.
8. The Registrar, All Universities in India.
9. The Controller of Examination, M. U. Bodh Gaya.
10. The Development Officer, M. U. Bodh Gaya.
11. The Dy. Registrar, M. U. Bodh Gaya.
12. The Head of the Deptt.
13. The Administrative Officer (Exam.) M. U. Bodh Gaya.
14. The Section Officer, Certificate and Marks Section, M. U. Bodh Gaya.
15. The Section Officer, Exam. (Gen.) M. U. Bodh Gaya.
16. The Editor: (a) The University News, Association of Indian Universities Dindayal Upadhay Marg, New Delhi-110002  
(B) The Ary Varta, Patna (C) The Hindustan, Patna (D) The Indian Nation, Patna (E) The Times of India, Patna  
(F) The Raj, Patna for ~~infxxx~~ publication the news item free of cost.

  
30/9/88  
Deputy Registrar (Exam.)  
Magadh University,  
Bodh Gaya.



# THE UNIVERSITY OF BURDWAN

Jannoy Dasgupta

having submitted a thesis entitled

"Some aspects of modelling in  
reliability theory"

and having satisfied all the conditions  
prescribed in this respect by the University, was  
duly admitted to the degree of Doctor of Philosophy  
in Arts (Business Administration)  
in the year 1999/2000/2001

Raybati, Burdwan  
The 28<sup>th</sup> July, 2000.

Attested

P. Chandra

28/5/00

Vice-Chancellor

Senior Superintendent  
Permission Section

Research Department  
The University of Burdwan

No. 417/Ph.D.(Com.)

By Regd post



UNIVERSITY OF CALCUTTA  
SENATE HOUSE  
CALCUTTA-700073

Sri Gautam Mitra  
177, Lenin Sarani,  
P.O. New Barrackpur  
24-Parganas (N)  
Pin-743276.

The..B.th..Feb..2002... 10%

Dear Sir/Madame,

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. ( Com. ) Degree of this University and on the results of the viva-voce examination, you have been admitted to the aforesaid degree on 6.2.2002 in Commerce.

Yours faithfully,

*[Signature]*  
Registrar

Title of the thesis : Stockmarket Regulatory Practices in India :  
A Critical Study.

Psg/-

SCUP-19R-15-5-98-5000

# THE UNIVERSITY OF BURDWAN

2847



Abhishek Mishra

having submitted a thesis entitled "Employment Relations in Small and Medium Enterprises: A Study on Selected Industrial Units"

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 *Business Administration (Human Resource)*

in the year..... 2018

Rajbati, Burdwan

  
Vice - Chancellor

The 03rd August, 2018.

# Utkal University

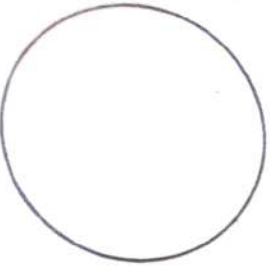
Roll No. 000279

## UTKAL UNIVERSITY

DIPLOMA FOR DOCTOR OF PHILOSOPHY (Ph.D.)

This is to certify that  
**PRADYUMNA KUMAR TRIPATHY**

Who passed the examination for the degree of,  
**DOCTOR OF PHILOSOPHY**  
**P.M.I.R**  
in ..... held in the  
month of **December** **2000** ....., was this day  
admitted to the degree.



**UTKAL UNIVERSITY**  
VANI VIHAR  
BHUBANESWAR.

5th January, 2002

Vice Chancellor

ଉତ୍କଳ ବିଶ୍ୱବିଦ୍ୟାଳୟ

ବିଭୂଷଣ ଉପାଧି ପଦ

୨୦୦୦ ମସିହା ଡିସେମ୍ବର

କଳା

ଉପାଧି ପରୀକ୍ଷାରେ  
ପ୍ରଦ୍ୟୁମ୍ନ କୁମାର ତ୍ରିପାଠୀ  
ରାମକୃଷ୍ଣ ପରିଚଳନା ଓ ଭଲ ଦୀର୍ଘକାଳୀନ  
ଅଭ୍ୟାସ ପାଇଁ ଉପାଧି ପ୍ରଦାନ କରାଯାଇଛି।

ଉତ୍କଳ  
ବିଶ୍ୱବିଦ୍ୟାଳୟ  
ବାନୀ ବିହାର  
ଭୁବନେଶ୍ୱର

୦୧ ୦୫ ୨୦୦୨

2180

# THE UNIVERSITY OF BURDWAN



## PROVISIONAL CERTIFICATE

*Abhishek Mishra*

having submitted a thesis entitled

*“Employment Relations in Small and  
Medium Enterprises : A Study on  
Selected Industrial Units”*

and having satisfied all the conditions prescribed in this respect by the University,  
as per UGC'S regulation – 2009, was duly admitted to the Degree of Doctor of  
Philosophy in *Bus. Admin. (HR)* in the year *2018*

Rajbati, Burdwan

The *3rd Aug., 2018*

*48*  
Registrar

*Abhishek Mishra  
9/10/18*

# THE UNIVERSITY OF BURDWAN

2847



*Abhishek Mishra*

having submitted a thesis entitled "Employment Relations in Small and Medium Enterprises: A Study on Selected Industrial Units"

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 *Business Administration (Human Resource)*

in the year..... 2018

Rajbati, Burdwan

  
Vice - Chancellor

The 03rd August, 2018.

# VIDYASAGAR UNIVERSITY



This is to certify that

Nirmal Chandra Roy

obtained the Degree of Doctor of Philosophy in Management

under the Faculty of Arts and Commerce of this university  
on 22.01.2020 in accordance with the provisions of the Ph. D.  
Regulations, 2009 of the UGC.



Midnapore

Dated: 07 NOV 2023

  
Vice-Chancellor

1868

# THE UNIVERSITY OF BURDWAN



Partha Garkar

having submitted a thesis entitled

"A Study on the Nature of Relationship between Business Strategies and Human Resources Management Practices".

and having satisfied all the conditions prescribed in this respect by the University, was duly admitted to the degree of Doctor of Philosophy in Arts (Business Administration) in the year 2010.

Rajlata Burdwan

The 11<sup>th</sup> February, 2010

Vice-Chancellor





# Jadaupur University

*Certified that*

**Smt. Moni Baskey**

*was admitted to the Degree of Doctor of Philosophy in Science of this University on 13.05.2015 and that the degree was conferred on him / her at the Convocation held in December 2015 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, 2015



*Sushanjan Das*  
Vice-Chancellor

✓ 39

# University of Kalyani



Ph.D. Section, Registrar's Department

## Provisional Certificate

No.Ph.D./ Chem./IA/113(26)/2013

July 26, 2013

To

**Inul Ansary**  
Department of Chemistry  
University of Kalyani  
Kalyani 741 235  
West Bengal  
INDIA

Dear Scholar,

May I inform you that on the recommendation of the Board of Examiners on their adjudication of the undernoted thesis submitted by you for the award of **Ph.D. Degree** of this University and on the performance of your Ph.D. lecture vide U.ord.74 (Adm.) (iii) you have been admitted to the aforesaid degree on **26.07.2013** in **Chemistry**.

Your Degree will be conferred at the next Convocation of this University



*intituted*  
*for award*  
*31.7.2013*  
Professor of Chemistry  
University of Kalyani  
Kalyani-741235

Yours sincerely,

*Registrar*

**REGISTRAR**  
University of Kalyani  
Kalyani-741235, Nadia  
West Bengal, India

Title of the Thesis:

"Synthesis of Oxygen and Nitrogen Heterocycles and Reaction Mechanism"



# Jai DAVPur University

*Confidential*

## Sri Official Mandal

was admitted to the Degree of Doctor of Philosophy in Science of this University on 01/12/2011 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 Jai DAVPur University is herewith affixed.



*Self attested  
V. N. Shukla  
11/12/11*

## ATTESTATION DE DIPLOME

VU l'arrêté du 7 août 2006 relatif à la formation doctorale,

VU l'autorisation de soutenance de thèse délivrée par le Président de l'Université de Nantes, le 28 Novembre 2014,

VU le procès-verbal de soutenance de thèse établi le 9 décembre 2014,

Le Secrétaire Général de l'Université de Nantes certifie que :

**Madame Sayani RAY**

Née le 24 juillet 1988 à Murshidabad WB (Inde)

a été jugée digne du grade de **DOCTEUR DE L'UNIVERSITÉ DE NANTES**

le 9 décembre 2014

Discipline : **ASPECTS MOLECULAIRES ET CELLULAIRES DE LA BIOLOGIE**

Spécialité :

École doctorale : **VENAM**

Sujet de thèse : « *elucidation of enzymatic consortia for structural chemotyping of dicot hemicelluloses.* »

En foi de quoi lui a été délivré, à titre provisoire, la présente attestation qui devra être restituée lors de la remise du diplôme.

Nantes, le 22 janvier 2015

Pour le Secrétaire Général de l'Université  
et par délégation  
Le Chef du bureau de la scolarité de  
L'UFR Sciences et Techniques

Le Secrétaire Général

  
**Mme Dominique BOLO**

Thierry BIAIS

**AVIS IMPORTANT : IL NE SERA DELIVRE QU'UNE SEULE ATTESTATION.  
LE TITULAIRE DU GRADE DEVRA ETABLIR AUTANT DE COPIES QUE NECESSAIRE.**

# UNIVERSITY OF NORTH BENGAL

Accredited by NAAC with Grade B<sup>++</sup>

Prof. (Dr.) Pranab Ghosh  
Registrar (Officiating)  
Raja Rammohunpur  
P.O. North Bengal University  
Dist. Darjeeling, West Bengal  
PIN - 734 013



समानो मन्तः समितिः समानी

Phone: (0353) 2776331/2699008 (O)  
Fax : (0353) 2776313, 2699001  
Visit us at : <http://www.nbu.ac.in>  
Email : [regnbu@nbu.ac.in](mailto:regnbu@nbu.ac.in)  
[regnbu@sancharnet.in](mailto:regnbu@sancharnet.in)  
[regnbuphd@nbu.ac.in](mailto:regnbuphd@nbu.ac.in)

No. Ph.D/Chem. /1024 /R-2022

Date: 12/08/2022  
16

## PROVISIONAL CERTIFICATE

To,  
Sri Prafulla Kumar Mudi,  
C/o. Prof. Bhaskar Biswas,  
Department of Chemistry, NBU.

Sir,

This is to certify that based on adjudication reports of the Board of Examiners, and on the basis of the recommendation of Board of examiners on the *Viva-voce* Examinations of the undernoted thesis, you have been awarded the **Degree of Doctor of Philosophy in Chemistry (Faculty of Science)** of University of North Bengal on 10/08/2022 as per Regulations relating to M.Phil and Ph.D. Programme [Framed in compliance with the UGC (Minimum standards and procedures for award of M.Phil/ Ph.D. Degrees) Regulations, 2016].

You shall be provided with the ceremonial certificate in the immediately next Convocation of the University.

Yours faithfully,

### TITLE OF THE THESIS:

"Design, Structural Characterization and Bio-inspired Catalysis of some Coordination Compounds Containing Polydentate Chelators"

Registrar (Offg.)  
University of North Bengal

Self attested  
Prafulla Kumar Mudi  
21/09/2022



# Jadavpur University

Certified that

Sri Ganmoy Das

was admitted to the Degree of Bachelor of Philosophy in Science of this University on 15. 06. 94 and that the degree was conferred on him/her at the Convocation held on 7. 11. 1994 with all the Rights and Privileges therein appertaining.

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

S. C. S. Sen

attested (self)  
Kameri Das  
15/06/94

K. K. Das  
Vice-Chancellor

Serial No. 1203

# THE UNIVERSITY OF BURDWAN



## Provisional Certificate

*Rajarsi Ghosh*

having submitted a thesis entitled

*“Synthesis, Molecular and Crystalline Architectures and Properties of Group 12 Metal Complexes with some Multidentate N-Donor Blockers”*

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* (*Chemistry*) in the year *2007*.

Attested  
*[Signature]*  
20/12/07

*[Signature]*  
Registrar

Rajshahi, Burdwan

The *13<sup>th</sup>* April, 2007.

Registrar  
University of Burdwan  
Burdwan - 713001

THE UNIVERSITY OF BURDWAN



*Bholanath Mandal*

*having submitted a thesis entitled*

*"Graph Theoretical Studies on  
Fullerenes and Some Systems of Chemical  
Interest"*

*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 (Chemistry)  
in the year 2006.*

*Rajbati Burdwan  
The 3<sup>rd</sup> November, 2006.*

*Amalendu  
Vice-Chancellor*



Serial No. [redacted]

617

# THE UNIVERSITY OF BURDWAN



## PROVISIONAL CERTIFICATE

*Malitha Saha Acharyya* as *Co-ordination*

having submitted a thesis entitled *Chemistry of N and/or O chelators and analytical applications of imidazole by large series* 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* (*Chemistry*) in the year *1997*...

ATTESTED

*Dr. G. S. Sinha*  
Vice-Chancellor  
University of Burdwan  
Burdwan-713 104

Rajbati, Burdwan  
The *11th* June, 1997

*[Signature]*  
Registrar  
*16.6.97*

THE UNIVERSITY OF BURDWAN

908

*Alak Kumar Ghosh*  
having submitted a thesis entitled "*Kinetics and Mechanism of Ligand substitution in octahedral Rhodium (III) Complexes*"  
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 (Chemistry)** in the year 1995.

Rajbati, Burdwan

The 30<sup>th</sup> March 1995

Attended

*Alak*  
22/10/02

*Alak*  
Vice-Chancellor

*Alak K. Ghosh, Reader*

Department of Chemistry

University of Burdwan

Uttarpara-713004, INDIA

# THE UNIVERSITY OF BURDWAN



## Provisional Certificate

*Debasis Das*

having submitted a thesis entitled  
"Studies on heterocyclic azo complexes  
of heavy metals and some analytical  
applications."

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* (*Chemistry*)  
in the year 1999.

Rajbati, Burdwan

The *21<sup>st</sup> April,* 1999

*A. K. Das*  
Registrar

*Attest*  
*S. K. Das*  
13.7.86

Teacher-in-Charge  
Sri Venidevi Bhalotia College  
Raniganj

THE UNIVERSITY OF BURDWAN



*Gumanta Bhattacharya*

having submitted a thesis entitled

"Study of some electron donor-acceptor and host-guest complexes of [60] and [70] fullerenes".

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 (Chemistry)** in the year 2003.

*Rajkumar Bandyopadhyay*  
The 15<sup>th</sup> December, 2003.

*Amarendra*  
Vice-Chancellor

Professor *AH*  
Department of Chemistry  
University of Burdwan  
716106

# Visva-Bharati

This is to certify that

Priman Bidyut Saha

was admitted to the Degree of Doctor of  
Philosophy in this University in the  
year 2007

on presentation of a thesis entitled

*"Studies on Kinetics and Mechanism of some  
Electron Transfer Reactions at Chromium(VI)  
Centre in Aqueous - Micellar Media"*



Vice-Chancellor



Santiniketan Dec.06, 2008, 20\_\_\_\_\_.

Serial No. 2302

# THE UNIVERSITY OF BURDWAN



## PROVISIONAL CERTIFICATE

*Sunit Kumar Maji*

.....having submitted a thesis entitled

*“Effect of Macroeconomic Fundamentals on the Financial Performance of Select Companies in Indian Manufacturing Sector During the Post-liberalization Era: An Empirical Inquiry”*

and having satisfied all the conditions prescribed in this respect by the University, as per UGC'S regulation – 2009, was duly admitted to the Degree of Doctor of Philosophy in *Commerce* (.....) in the year *2019*

Pajbati, Burdwan

The *8<sup>th</sup>* Aug., 2019

*[Signature]*  
Registrar

# UNIVERSITY OF CALCUTTA



This is to certify that

*Manidipa Das Gupta*

obtained the degree of **Doctor of Philosophy**  
in *Commerce*

in this University in the year 2011.

*Sumanjan Das.*  
Vice-Chancellor.

*Senate House,*  
*22nd March, 2012*



*Debasish Gur*

having submitted a thesis entitled  
"Human Resource Accounting in India:  
A Case study of National Thermal  
Power Corporation Limited."

and having satisfied all the conditions  
prescribed in this respect by the University, was  
duly admitted to the degree of Doctor of Philosophy  
in Arts (Commerce).

in the year 2002.

Rajbati, Burdwan  
The 19<sup>th</sup> December, 2002.

*Ambar*  
Vice-Chancellor



THE UNIVERSITY OF BURDWAN



*Arindam Lahra*

*having submitted a thesis entitled*  
*"Land Tenancy and Rural Credit Market:*  
*A Case Study in West Bengal."*

*and having satisfied all the conditions*  
*prescribed in this respect by the University, was*  
*duly admitted to the degree of* **Doctor of Philosophy**  
*in* **Arts (Economics)**  
*in the year 2009 .*

*Rajlata Burdwan*  
*The 23<sup>rd</sup> July, 2009.*

*Vice-Chancellor*

# THE UNIVERSITY OF BURDWAN



Debdas Rakshit

having submitted a thesis entitled  
 "Economic Value Added and Segmental  
 Reporting: A Case Study"

and having satisfied all the conditions  
 prescribed in this respect by the University, was  
 duly admitted to the degree of **Doctor of Philosophy**  
 in **Arts (Commerce)**  
 in the year 2006.

Rajbati, Burdwan  
 The 25<sup>th</sup> September, 2006.

*Pranab*  
 Vice-Chancellor

ATTESTED

1514

# THE UNIVERSITY OF BURDWAN



## Provisional Certificate

*Arindam Das*

having submitted a thesis entitled

*"Nature and Functioning of Derivatives Trading in Indian Stock Market: An Empirical Investigation"*

and having satisfied all the conditions prescribed in this respect by the University, was duly admitted to the Degree of **Doctor of Philosophy** in *Arts* (*Commerce*) in the year *2011*.

Rajbati, Burdwan

The *1<sup>st</sup>* September, 2011.

ATTESTED

*K. all*  
21/5/12  
Assistant Professor  
Dept. of Business Administration  
The University of Burdwan

*ha*  
Registrar

THE UNIVERSITY OF BURDWAN



Gom Gankar Sen

having submitted a thesis entitled  
"Stock Market Liquidity: A comparative  
study on BSE and NSE (1995-2005)"

and having satisfied all the conditions  
prescribed in this respect by the University, was  
duly admitted to the degree of Doctor of Philosophy  
in Arts (Commerce)  
in the year 2008.

Rajbati, Burdwan

The 15<sup>th</sup> October 2008

Page 60

Vice-Chancellor



Prof Debansu Ray  
Registrar

Provisional Ph.D. Certificate

No. Ph.D./Com.Sc. & Engg./PR/112(29)/2018

May 18, 2018


This is to certify that on the recommendation of the Board of Examiners, the thesis submitted by **Shri Parthajit Roy** for the award of **Ph.D. Degree** of this University and on the performance of his/her Ph.D. Open Viva vide Reg.12 (D.D.) & Reg.13 (D.D.) (as per Regulation 2014, K.U.), he/she has been admitted to the aforesaid degree on **07.05.2018** in **Computer Science & Engg.** under the faculty of **Engineering, Technology & Management.**

The Ph.D. Degree has been awarded in accordance with the provisions of UGC (Minimum Standards and Procedure for Awards of M.Phil./Ph.D. Degree) Regulation, 2009.

Title of the Thesis:

"TOWARDS DESIGN AND IMPLEMENTATION OF GRAPH BASED CLUSTERING TECHNIQUES"

His/Her Degree will be conferred by the Hon'ble Chancellor at the next Convocation of this University.

  
Registrar  
REGISTRAR  
University of Kalyani  
Kalyani, Nadia-741235  
West Bengal

Registrar  
University of Calcutta



20L21014307X236

**University of Calcutta**

Senate House  
87/1, College Street  
Kolkata - 700 073  
Phone : +91-33-2241-0071/4984  
Fax : +91-33-2241-3222/88  
eMail : phdcaluni@yahoo.co.in

Letter: 00587/Ph.D.(Tech.)

Dated: 25th January 2024

To  
**Sri Rahul Karmakar**  
Mahananda Pally, Jhaljhalia,  
Malda-732102.

*Dear Sir,*

*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.(Tech.) Degree of this University in terms of 6.6 Regulation for the Degree of Doctor of Philosophy (Ph.D.), C.U., framed under UGC Guidelines, 2016, and on the results of the viva-voce examination, you have been admitted to the aforesaid degree on January 22, 2024 in Computer Science and Engineering.*

*Yours faithfully,*

*Debasis Das*

Registrar

REGISTRAR

UNIVERSITY OF CALCUTTA

25/01/2024

Title of Thesis : **Formal Modelling And Verification Using Event-B.**

# THE UNIVERSITY OF BURDWAN



*Abhoy Chand Mondal*

*having submitted a thesis entitled*  
"Mathematical modelling of a class of multi-objective decision making through Fuzzy goal programming".

*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 (Computer Science) in the year 2004.*

*Rajbati, Burdwan*  
*The 31<sup>st</sup> December, 2004.*

*Anam*  
*Vice-Chancellor*

*low*

THE UNIVERSITY OF BURDWAN



*Junil Karforma*

*having submitted a thesis entitled*  
*"A Study on the Application of Cryptography*  
*in E-Commerce".*

*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 (Computer Science)***  
*in the year 2006.*

*Rajlata Bardwan*  
*The 17<sup>th</sup> February, 2006.*

*Apna Das*  
*Vice-Chancellor*



6  
6  
UNIVERSITY OF CABOTTA



This is to certify that

*Sabyasachi Patra*

obtained the degree of **Doctor of Philosophy**  
(Agriculture) in *Seed Science and Technology*  
in this University in the year 2012.

Senate House,  
The 29th November, 2013

*Sulanjan Das*  
Vice-Chancellor

1364

Serial No.

# THE UNIVERSITY OF BURDWAN



## Provisional Certificate

*Suchismita Mondal (Garbar)*

..... having submitted a thesis entitled  
“*Unorganised Sector and Regional Economic Development.*”

and having satisfied all the conditions prescribed in this respect by  
the University, was duly admitted to the Degree of **Doctor of**  
**Philosophy** in *Arts* ..... (*Economics* .....)  
in the year *2009*.

Rajbati, Burdwan

The *19<sup>th</sup>* *May*, 2009.

A handwritten signature in cursive script.

Registrar

*Alloki*  
*25/5/09*

# THE UNIVERSITY OF BURDWAN



*Prilaw Roy*

having submitted a thesis entitled "Intergenerational Mobility in Education and Occupation: A Study of Social Classes in India"

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

in the year *2015*.

Rajbati, Burdwan

  
Vice - Chancellor

The 19th March '2015.

1718

1218

# THE UNIVERSITY OF BURDWAN



*Maniklal Adhikary*

having submitted a thesis entitled

“*Measurement of Efficiency in  
Agriculture - A Case Study of  
West Bengal.*”

and having satisfied all the conditions  
prescribed in this respect by the University, was  
duly admitted to the degree of **Doctor of Philosophy**  
in *Arts (Economics)*

in the year 1999/2000/2001

*Rajbati, Burdwan*  
*The 26<sup>th</sup> December, 2000.*

*Amalendu*  
*Vice-Chancellor*



# Jai Hind University

Verified that

Sri Gourmendra Mishra

was admitted to the Degree of Doctor of Philosophy in Arts of this

University on 03.12.1997 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 Jai Hind University are hereto affixed.

S. C. S.

Vice-Chancellor

Chancellor

*Handwritten:*  
31.01.2001  
Prof. R. S. Srivastava  
Department of Economics  
The University of Jharkhand  
Burdwan 713104

THE UNIVERSITY OF BURDWAN

1208



Pravat Kumar Kuri

having submitted a thesis entitled

"A Study of Tenancy in Backward  
Agriculture with Special Reference  
to Upper Assam".

and having satisfied all the conditions  
prescribed in this respect by the University, was  
duly admitted to the degree of Doctor of Philosophy  
in Arts (Economics)

in the year 1999/2000/2001

Rajbati, Burdwan

The 26<sup>th</sup> September, 2000.

Attested.

12.05.02

LECTURER  
Department of Economics  
Burdwan University  
Dainabadi

Amalendu  
Vice-Chancellor

# Indian Statistical Institute



*declares*

*Atanu Sen Gupta*

**Doctor of Philosophy (Ph.D.)**

*on the merit*

*of*

*academic record and a thesis accepted*

*in the year 2002*

*[Signature]*  
Secretary

*[Signature]*  
Secretary

*[Signature]*  
Secretary

*dated & attested the Twenty first day of March 2003*

**ATTESTED**

*[Signature]*  
18/07/03.

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 Rajarshi Majumder

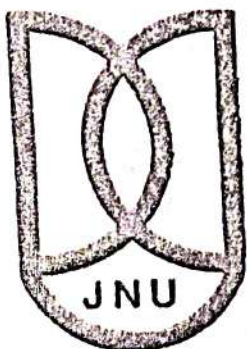
who has successfully completed in the year 2003 the requirements prescribed  
under the Ordinance for the award of this degree.

Title of Thesis :

*"Infrastructure and Economic Development:  
A Regional Analysis"*

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

The 1 JAN 2005



  
Registrar

  
Vice-Chancellor



NO.3176/Ph.D.(Sc.)



UNIVERSITY OF CALCUTTA  
SENATE HOUSE  
KOLKATA - 700 073

To  
Sri. Bhaskar Goswami,  
6/13, Bijoygarh Colony,  
Kolkata - 700032.

01/08/2011

The ..... No.....

*Dear Sir/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..... 01/08/2011 in..... Economics.....*

*Yours faithfully,*

*Basab Chaudhuri*  
(Basab Chaudhuri)<sup>03.08.11</sup>

*Registrar*

*Title of the thesis :* "Open Economy Macroeconomics Of Sectoral Interlinkage."

The  
Indian Statistical Institute



declares

Soumyananda Dinda

Doctor of Philosophy (Ph.D.)  
in Quantitative Economics

on the merit of academic record and a thesis accepted in the year 2006.

*M. S. Ghosh*  
President

*C. R. Rao*  
Director

*B. S. Ghosh*  
Dean of Studies

Dated Kolkata, the Seventh day of March 2007



SILCHAR : ASSAM : INDIA

( A Central University Constituted By an Act of Parliament )

*DOCTOR OF PHILOSOPHY*

This is to certify that

RAJIBA LOCHAN MOHAPATRA

bearing University Registration No. 74400225 of 2008-2009  
was admitted to the Degree of Doctor of Philosophy in  
Education under Ashutosh Mukhopadhyay  
School of Educational Sciences having qualified for  
the same on 08.08.2013.

The Degree is conferred in the 14<sup>th</sup> Convocation of the University  
held on 15<sup>th</sup> November, 2014.

Given under the seal of Assam University this 19<sup>th</sup> day of September  
2018.

Silchar, Assam (India)

  
Vice Chancellor



विश्वविद्यालयी कक्षात्मक अनुसंधान प्रयोगों के अन्तर्गत

एवं, एकात्मक एवं-एक

विषय की संश्लेषण संश्लेषण

एवं, एकात्मक एवं-एक संश्लेषण संश्लेषण

विषय की संश्लेषण संश्लेषण संश्लेषण संश्लेषण

विश्वविद्यालयी कक्षात्मक अनुसंधान प्रयोगों के अन्तर्गत

एवं, एकात्मक एवं-एक

विषय की संश्लेषण संश्लेषण

विश्वविद्यालयी कक्षात्मक अनुसंधान प्रयोगों के अन्तर्गत

विश्वविद्यालयी कक्षात्मक अनुसंधान प्रयोगों के अन्तर्गत

विश्वविद्यालयी कक्षात्मक अनुसंधान प्रयोगों के अन्तर्गत

विश्वविद्यालयी कक्षात्मक अनुसंधान प्रयोगों के अन्तर्गत

विश्वविद्यालयी कक्षात्मक अनुसंधान प्रयोगों के अन्तर्गत

विश्वविद्यालयी कक्षात्मक अनुसंधान प्रयोगों के अन्तर्गत

A Study of Indian Organizations among Minority Language Children in Barahat in their Language, Religion and Learning Style



# Utkal University

ଉତ୍କଳ ବିଶ୍ୱବିଦ୍ୟାଳୟ

**DIPLOMA FOR DOCTOR OF PHILOSOPHY (Ph.D.)**

ବିଭୂଷଣ ଉପାଧି ପତ୍ର

**SHWETA SMRITA SOY**

This is to certify that \_\_\_\_\_

who passed the Examination for the degree of

**Doctor of Philosophy**

in \_\_\_\_\_ under the Faculty of \_\_\_\_\_ **Pedagogical Science**

held in the month of **August 2012** \_\_\_\_\_ was this day admitted to the Degree.

୨୦୧୨ ମସିହା ଅଗଷ୍ଟ ମାସରେ ଅନୁଷ୍ଠିତ ବିଭିନ୍ନ ବିଦ୍ୟା ବିଭୂଷଣ ଉପାଧି ପତ୍ରାଞ୍ଚଳରେ

ଶିକ୍ଷା ବିଭାଗରେ ଶ୍ରେଣୀ ସ୍ୱିକାର ପ୍ରଦତ୍ତ ହେଲା ।

Vani Vibhar, Bhubaneswar,  
Odisha, India.  
The 15<sup>th</sup> February 2015

*Afonaka Dm*  
Vice-Chancellor

# Vishva-Bharati

This is to certify that

*Subhankar Ghosh*

was admitted to the Doctor of Philosophy in the Department of Education under Dinaya-

Page 78  
2015 on presentation of a dissertation titled

“Quality Education For Sustainable Development in India : An Analytical Study of Educational Views, Policies and Practices (1992-2012).”

S.G.D.K.

Vice-Chancellor



*Subhankar Ghosh*  
*Subhankar Ghosh*

March 10, 2017

# THE UNIVERSITY OF BURDWAN



## Provisional Certificate

*Chitralekha Mehera*

having submitted a thesis entitled

*"A study on the Achievement in Mathematics at the Secondary level and some of its Determinants."*

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* (*Science Education*) in the year *2004*.

Rajbati, Burdwan

The *1<sup>st</sup>* April, 2004.

Registrar

**ATTESTED**

*S.K. Roy Choudhuri*  
*20.04.04*

**Professor and Head**  
**Department of Mathematics**  
**BURDWAN UNIVERSITY**



# Jadaupur University

*Certified that*

**Sri Chandan Adhikary**

*was admitted to the Degree of Doctor of Philosophy in Science of this University on 20/05/2009 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. Ghor*  
Vice-Chancellor

The 24th December, 2009



*[Signature]*  
Chancellor



# THE UNIVERSITY OF BURDWAN



## Provisional Certificate

*Khagendranath Chattopadhyay*

having submitted a thesis entitled  
"Magnetic measurements on some single  
crystals of rare earth ions and studies  
of the crystal field."

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* ..... (*Physics*.....)  
in the year **2004**.

Rajbati, Burdwan

The *20th* January, 2004.

*[Signature]*  
Registrar

*B. Sen Gupta*  
12-1-05  
Headmaster.  
Lakuraj, Burdwan  
Lakuraj, Burdwan.

# THE UNIVERSITY OF BURDWAN

Jukinkumar Samanta

having submitted a thesis entitled "Production  
of Lysine by mutants of *Arthro bacter*  
*Globiformis*"

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 1992.

Ho, Burdwan

1992

Altered

Jan 1992  
19/1/92

LECTURER IN CHARGE  
CALCULUS & DIFF. EQS. & GEOMETRY

M. N.  
Vice-Chancellor

# THE UNIVERSITY OF BURDWAN



## PROVISIONAL CERTIFICATE

*Sanjiv Malik*

having submitted a thesis entitled

*Negotiating Muslim Identity in Indian  
Dante's Poetry*

and having satisfied all the conditions prescribed in this respect by the University,  
as per UGC'S regulation – 2009, was duly admitted to the Degree of Doctor of  
Philosophy in..... *English*.....) in the year *2018*

Raibati, Burdwan

The *16<sup>th</sup> May, 2018*

Registrar

*[Signature]*

*Sanjiv Malik  
Sanjay 92105113*

# THE UNIVERSITY OF BURDWAN

1932



Arunal Kumar Girha

having submitted a thesis entitled.....

“Transculturation in Chinua Achebe:  
A Study of Things Fall Apart, No  
Longer at Ease and Arrow of God.”

and having satisfied all the conditions prescribed in  
this respect by the University was duly admitted to the degree of  
Doctor of Philosophy in..... Arts (English).

in the year..... 2010.....

Rajbati, Burdwan

On the 18<sup>th</sup> November, 2010.

Attested  
08/11/2016  
Associate Professor  
Department of English & Culture Studies  
The University of Burdwan

Vice-Chancellor



# Jadavpur University

*Certified that*

**Sri Subhajit Sen Gupta**

*was admitted to the Degree of Doctor of Philosophy in Arts of this University on 08/12/2006 and that the degree was conferred on him / her at the Convocation held in December 2006 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.*

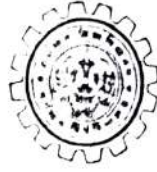
*Subhajit*  
Vice-Chancellor  
The 24th December, 2006



*Subhajit*  
Chancellor

1186

THE UNIVERSITY OF BURDWAN



Provisional Certificate

Angshuman Kar

having submitted a thesis entitled

"Sacral Space and the Other: Positioning Women in Raja Rao's Fiction"

and having satisfied all the conditions prescribed in this respect by the University, was duly admitted to the Degree of **Doctor of Philosophy** in Arts (English) in the year 2007.

Rajbati, Burdwan

The 11<sup>th</sup> January, 2007.

A handwritten signature in cursive script.

Registrar



# Jaddapur University

*English text*

Smt. Mandini Bhattacharya

Doctor of Philosophy in Arts

University on 10/12/2003

at the Convocation held on November 2003 at the Jaddapur and Budgepore

works opportunity

In witness whereof the signature of the Chancellor and the Vice-Chan.

Jaddapur University on 10/12/2003

*Signature*

Chancellor  
14th December, 2003



*Signature*

Chancellor

1506

6

# THE UNIVERSITY OF BURDWAN



## Provisional Certificate

*Arpita Chattaraj (Mukhopadhyay)*

having submitted a thesis entitled

*"Childhood in Toni Morrison's Fiction"*

and having satisfied all the conditions prescribed in this respect by the University, was duly admitted to the Degree of **Doctor of Philosophy** in *Arts* (*English*) in the year *2011*.

Rajbati, Burdwan

The *6th* *July*, 2011.

*[Signature]*  
Registrar

*Arpita*  
*28/5/11*

Department of English  
Presidency University  
Kolkata



Disba-Bharati

This is to certify that

Subipto Mandal

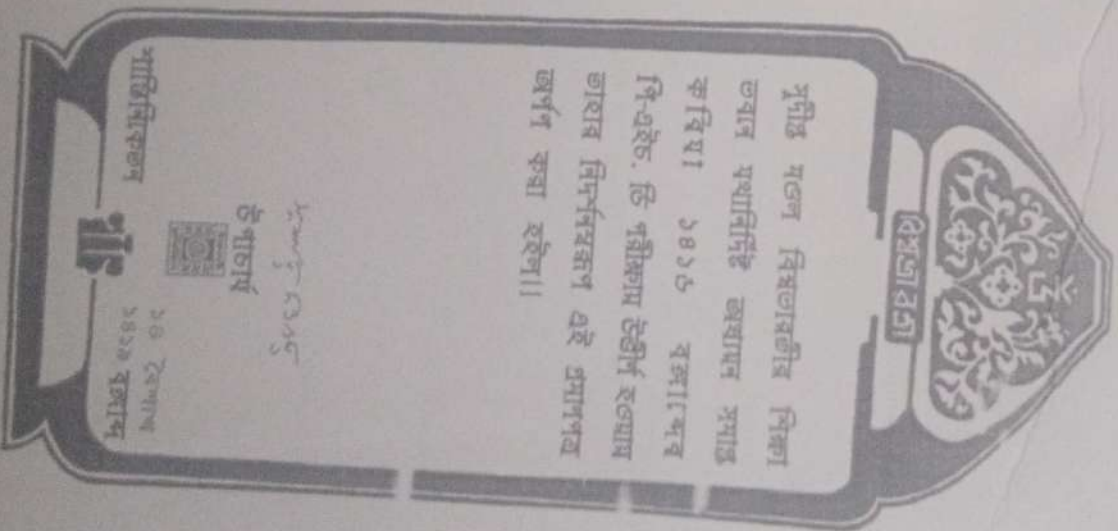
was admitted to the Degree of Doctor of  
Philosophy in this University in the  
year 2009

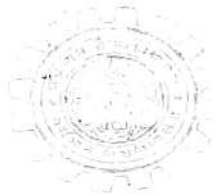
on presentation of a thesis entitled  
'Impact of Detritus on plankton  
Dynamics at Sagar island of  
Hooghly-Matla estuarine system'

*S. O. Mandal*  
Vice-Chancellor



Santiniketan April 27, 2012





Aparbaratara Ghosh

having submitted a thesis entitled "Arsenic and cadmium

Toxicity in the Alimentary canal and digestion of two

Indian air-breathing Teleosts, Notopterus notopterus

(PALLAS) and Heteropneustes fossilis (PLOCH)

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 (Zoology)

in the year 1991.



# Jadaupur University

*Certified that*

Sri Srimanta Gupta

*was admitted to the Degree of Doctor of Philosophy in Science 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 Jadaupur University are herewith affixed.*

Vice-Chancellor

The 24th December, 2001

Chancellor

# THE UNIVERSITY OF BURDWAN



*Naba Kumar Mondal*

having submitted a thesis entitled  
 "Development of Agrotechnology in Old  
 Alluvial Soil Zone of Burdwan District,  
 West Bengal for Sustainable Soil Health and  
 Crop Yield of Mung Bean (*Vigna radiata* (L) Wilczek)"  
 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 (Environmental Science)  
 in the year 2008.

Rajbati, Burdwan

The 25<sup>th</sup> January, 2008.

*Manoj*  
 Vice-Chancellor

UNIVERSITY OF CALCUTTA



Page 93

This is to certify that

*Goutam Kumar Das*

obtained the degree of Doctor of Philosophy  
(Arts) in French

in this University in the year 2002.

Senate House,  
The 28th January, 2002.

*A. K. Banerjee*  
Vice-Chancellor.

# BANARAS HINDU UNIVERSITY

(Established by Parliament by Notification No.225 of 1916)

## OFFICE OF THE REGISTRAR

(ACADEMIC)



### *Thesis Submission Certificate*

This is to certify that **Ms. Sumana Sarkar**, who was registered as a Ph.D. research scholar during **July' 2007** Term, has submitted her thesis on **01.07.2013** under the supervision of **Prof. S.P. Mishra** for award of the Degree of **Doctor of Philosophy (Ph.D.)** of this University in **Geography**.

#### Title of the thesis :

**"Spatial Database for Rural Development and Planning using Remote Sensing and GIS : A Case Study of Chandauli, District, U.P."**

Place: Varanasi  
Date: 01.07.2013

*[Signature]* 11/7/13  
Asstt. Registrar (Academic)

VISVA – BHARATI



SANTINIKETAN

Declaration of result (Doctor of Philosophy)

The Upacharya (Vice-Chancellor) has been pleased to order that the under mentioned candidate be declared to have qualified for the degree of Doctor of Philosophy on presentation of the thesis as noted against each name. The degree will be conferred on them at the next Annual Convocation of the University.

Sl. No	Name of the Candidate	Name of the Supervisor(s)	Department/Bhavana	Title of the Thesis
1.	Adityanarayan Adak	Prof. Sumanto Kumar Mondal	Physical Education, Vinaya-Bhavana	Optimization of Curve Radius for Running Performance.
2.	Radha Rani Ghosh	Prof. Sumanto Kumar Mondal	Physical Education, Vinaya-Bhavana	A Study of Health Related Physical Fitness of Tribal and Non-tribal Older Adults.
3.	Rajib Pati	Prof. A. K. Chatterjee and Dr. Dibyendu Mukhopadhyay	ASEPAN, Palli Siksha-Bhavana	Phosphorus use efficiency of lentil ( <i>Lens culinaris</i> L.) with organic matter, lime and boron under <i>Terali</i> situation of West Bengal.
4.	Subodh Chandra Pal	Dr. Gopal Chandra Debnath	Geography, Vidya-Bhavana*	Hydrogeomorphological Characteristics and Associated Landuse of Silabati River Basin, West Bengal.

Memo. No. Exam.Ph.D/2014-15

Santiniketan, May, 16, 2015

Copy forwarded for information to:

1. The Registrars of all Indian Universities.
2. The Secretary, University Grants Commission, Bahadur Shah Zafar Marg, New Delhi
3. The Secretary, Association of Indian Universities, Dindyalal Upadhyay Marg, New Delhi.
4. The Secretary of the Government of India, Human Resource Development, Department of Higher Education, New Delhi.
5. The Secretary, Union Public Service Commission, Post Box No, 186, Dholpur House, New Delhi-110069.
6. The Editor, University News, Association of Indian Universities, Rouse Avenue, New Delhi.
7. The Secretary, Association of Indian Universities, AIU House, 16, Comrade Indrajit Gupta Marg, New Delhi -110 002.
8. The Secretary, Council of Scientific and Industrial Research, Anusandhan Bhawan, 2 Rafi Marg, New Delhi-110001.
9. The Provost of SEI&RR, Visva-Bharati.
10. The Provost of Sciences, Visva-Bharati
11. The Provost of CCR&H, Visva-Bharati
12. The Librarian Central Library, Visva-Bharati
13. The Adhyaksha, Vidya-Bhavana, Visva-Bharati
14. The Adhyaksha Vinaya Bhavana, Visva-Bharati
15. The Adhyaksha, Palli Siksha-Bhavana, Visva-Bharati
16. The Adhyaksha, Vidya-Bhavana, Visva-Bharati

S. B. Sen  
Controller of Examinations  
Visva-Bharati  
16/5/15

[Contd. Page-2]

8. PhD certificate

**Vidya-Bharati**

This is to certify that

*Toapas Mistri*

was admitted to the Doctor of Philosophy in the Department of Geography under *Vidya-Bharati* in this University in the year 2015 on presentation of a dissertation titled "Spatio-temporal growth, development and planning of industries in Malda district."

S. C. Jali

Vice-Chancellor



Santiniketan March 10, 2017







# Savitribai Phule Pune University

(formerly University of Pune)

Declaration of Result of the Doctor of Philosophy (Ph.D.)

Somasis Sengupta

( सोमांशीष सेनगुप्ता )

Mother's Name : Shyamali

( शामली )

University has accepted thesis submitted by the above-mentioned candidate for award of Ph.D., as per reports of referees and examiners of open defence of the thesis. Accordingly, it is hereby notified that, the above-mentioned candidate is declared to have passed the examination of Ph. D. and has become eligible for the award of Ph. D. Degree.

RELEVANT DETAILS ARE AS UNDER:

1. Faculty : Science
2. Subject : Geography
3. Title of the Thesis : "Control of Structure and Tectonics on the Drainage Network Characteristics of Kaveri, Palar and Ponnaiyar Rivers : A DEM-based Analysis"
4. Place of Research : Department of Geography  
Savitribai Phule Pune University  
Pune-07
5. Name and Address of the Guide : Prof. Vishwas S. Kale  
Department of Geography  
Savitribai Phule Pune University  
Pune-07.
6. Date of Registration : 25<sup>th</sup> June, 2008
7. Date of Re-Registration : 25<sup>th</sup> June, 2013
8. Date of Declaration : 08<sup>th</sup> October, 2015



Ganeshkhind, Pune 411007.

Ref. No. PGS/Ph.D. / 438

Date : 9 OCT 2015

For Controller of Examinations

Page 97

**THE UNIVERSITY OF BURDWAN****Provisional Certificate**

*Biplab Biswas*

having submitted a thesis entitled

*“Land Use and Land Cover Change in Damodar Basin: A Spatial modelling Approach”.*

and having satisfied all the conditions prescribed in this respect by the University, was duly admitted to the Degree of **Doctor of Philosophy** in *Arts* (*Economics*) in the year *2008*.

Rajbati, Burdwan

The *11<sup>th</sup>* January, 2008.

A handwritten signature in black ink, likely belonging to the Registrar.

**Registrar**

al No.

1104

# THE UNIVERSITY OF BURDWAN



## Provisional Certificate

*Sarat Kumar Guhkhait*

having submitted a thesis entitled

*"Population Explosion in West Bengal :  
An Enquiry into some aspects of its  
Geographical Reality"*

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* ( *Geography* )  
in the year *2005*.

Kalyani, Burdwan

on *4<sup>th</sup>* October, 2005.

A handwritten signature in cursive script, likely belonging to the Registrar.

Registrar

*Attested*

*K. S. Chatterjee*

*11/11/05*

Professor  
Department of Geography  
The University of Burdwan  
Belaabai, Burdwan-713104

# THE UNIVERSITY OF BURDWAN

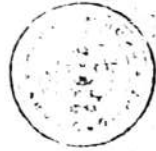


*Gopa Samanta*

*having submitted a thesis entitled*  
*"Rural - Urban Interaction : A Study of*  
*Burdwan Town and Surrounding Rural*  
*Areas"*

*and having satisfied all the conditions*  
*prescribed in this respect by the University, was*  
*duly admitted to the degree of Doctor of Philosophy*  
*in Arts (Geography)*  
*in the year 2002 .*

# THE UNIVERSITY OF BURDWAN



Narayan Chandra Jana

having submitted a thesis entitled

“ Geomorphology and land use in  
South-Western Midnapur,  
West Bengal. ”

and having satisfied all the conditions prescribed in this respect by the University, was duly admitted to the degree of **Doctor of Philosophy** in Arts (Geography) in the year 1999.

Rajbati, Burdwan

The 1<sup>st</sup> February, 1999.

Attested  
Anuradha Banerjee  
20/11/99

L. K. Basu  
Vice-Chancellor

UNIVERSITY OF CALCUTTA



This is to certify that

*Biswaranjan Moistri*

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

Senate House,  
The 29th November, 2013

*Sujanjan Das.*  
Vice-Chancellor

# UNIVERSITY OF CALCUTTA



This is to certify that

*Namita Chakma*

obtained the degree of Doctor of Philosophy

(Arts) in *Geography*

in this University in the year 2015 .

*Self attested  
Namita Chakma  
10.8.16*

*Senate House,*

*9 December, 2015*

*Sujata Banerjee  
Vice-Chancellor*

# THE UNIVERSITY OF BURDWAN



## Provisional Certificate

*Giyasuddin Siddique*

.....having submitted a thesis entitled  
"Impact of deforestation in parts of  
South-Western lateritic areas  
of West Bengal."

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* ( *Geography* )  
in the year 1999.....

Rajbati, Burdwan

The *8<sup>th</sup> April,* 1999

*Udan Chatterjee*  
Registrar



# THE UNIVERSITY OF BURDWAN



*Shourabi Kumar Shourava*

having submitted a thesis entitled "*Shourava*

*Shingha ke Katha Sabitya reer*

*Grarir Jara ke Yathartha*"

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..... *Hindi*

in the year..... *2017* .....

Rajbati, Burdwan

  
Vice - Chancellor

The 18th April '2017.

नामांक 03/8  
Enrolment No.

# जय नारायण व्यास विश्वविद्यालय जोधपुर

(पूर्व जोधपुर विश्वविद्यालय)

प्रमाणित किया जाता है कि

नीरज शर्मा

पुत्र/पुत्री श्रीमती शिवा शर्मा

एवं श्री राजमणि शर्मा

ने इस विश्वविद्यालय से 2005 में

## डॉक्टर ऑफ फिलॉसॉफी

हिन्दी

की उपाधि प्राप्त की

शोध-प्रबन्ध का विषय निम्नलिखित था

हिन्दी कहानी : संवेदना और शिल्प के  
नये धरातल (सन् 1991 से 2000 तक)

## JAI NARAIN VYAS UNIVERSITY JODHPUR

(ERSTWHILE UNIVERSITY OF JODHPUR)

This is to certify that

NEERAJ SHARMA

Son/Daughter of Smt. SHIVA SHARMA

and Shri. RAJ MANI SHARMA

obtained the degree of

## DOCTOR OF PHILOSOPHY

HINDI

of this University in 2005

The topic of his/her research was

हिन्दी कहानी : संवेदना और शिल्प के  
नये धरातल (सन् 1991 से 2000 तक)

  
Vice-Chancellor

वाइस-चान्सलर

Conferred by Senate on

JAN 2007

# Page 106



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 Rupa Gupta

who has successfully completed in the year 2002 the requirements prescribed  
under the Ordinance for the award of this degree.

Title of Thesis :

*"Unnisavin Sadi Ka Sahitaya : Vichardhara Aur  
Rashtravad" (Vishesh Sandarbh Bhartendu Harish  
Chandra Avam Bankimchandra Chattopadhyay).*

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

The 15 OCT 2003



*[Signature]*  
Registrar

*[Signature]*  
Vice-Chancellor

# THE UNIVERSITY OF BURDWAN

1939



*Binata Sarkar*

having submitted a thesis entitled.....

"Malaria and Medical Intervention :  
Burdwan District 1860-1947."

and having satisfied all the conditions prescribed in  
this respect by the University was duly admitted to the degree of

Doctor of Philosophy in..... *Arts*

*History*

in the year..... *2010*

*Rajbati, Burdwan*

*The 15th December, 2010.*

*[Signature]*  
Vice-Chancellor

# THE UNIVERSITY OF BURDWAN



Dr. *Prema Gupta*

having submitted a thesis entitled... *"Bharatendu*

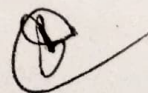
*Ugria Vichardhara: Sri*  
*Gur Jati Prakash"*

and having satisfied all the conditions prescribed in  
this respect by the University was duly admitted to the degree of  
Doctor of Literature in... *Hindi*

in the year... *2018*

Rajbati, Burdwan

The 29th August 2018.

  
Vice-Chancellor

Prof Debansu Ray  
Registrar



Phone : (O) 2582-8750/8378/8293/  
8478/8889/9356/8478  
(D) 2502-5762  
(F) 00-91-33-2582-2505  
E-mail : registrar@klyuniv.ac.in  
registrarklyuniv@gmail.com

ESTD. : 1960

## Provisional Ph.D Certificate

No. Ph.D./Hist./RC/116(28)/2017

March 30, 2017

This is to certify that on the recommendation of the Board of Examiners, the thesis submitted by **Shri Rajarshi Chakrabarty** for the award of **Ph.D. Degree** of this University and on the performance of his/her Ph.D. Open Viva vide Reg.12 (D.D.) & Reg.13 (D.D.) (as per Regulation 2014, K.U.), he/she has been admitted to the aforesaid degree on **09.03.2017** in **History** under the faculty of **Arts & Commerce**.

The Ph.D. Degree has been awarded in accordance with the provisions of UGC (Minimum Standards and Procedure for Awards of M.Phil./Ph.D. Degree) Regulation, 2009.

Title of the Thesis:

"FROM CANTONMENT TO DIVISIONAL HEAD QUARTER: BERHAMPORE- A CASE STUDY OF URBANIZATION IN RURAL AREA"

His/Her Degree will be conferred by the Hon'ble Chancellor at the next Convocation of this University.

Debansu Ray  
Registrar 30/3/17

1281

2033

# THE UNIVERSITY OF BURDWAN



## PROVISIONAL CERTIFICATE

*Judit Krishnan Kumar*

having submitted a thesis entitled

*Insolvency and the Bengali Middle Class, 1848-1909*

and having satisfied all the conditions prescribed in this respect by the University, as per UGC'S regulation - 2009, was duly admitted to the Degree of Doctor of Philosophy in *History* (.....) in the year *2017*.

Rajbati, Burdwan  
The *14th July 2017*

*[Signature]*  
Registrar

*Verified and found correct.*

*[Signature]*  
*22-05-17*

*81*  
*22/8/17*

*[Signature]*

# THE UNIVERSITY OF BURDWAN



*Malabika Roy*  
having submitted a thesis entitled "1857 er  
mahavidroho - Bangaleer Oritite  
(1857-1957)"

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

Rajbati, Burdwan  
The 1st June 1995.

attested  
Sonnati Prof  
23.3.2000

Dr. H. S.  
Vice-Chancellor



758



# Jai Shri Ram University

*Certified that*

**Smt. Aparajita Dhar**

was admitted to the Degree of Doctor of Philosophy in Arts of this University on 09/06/2010 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 Jai Shri Ram University is hereto affixed.



JAI SHRI RAM UNIVERSITY  
The 24th December, 2010

Aparajita Dhar  
14/7/16

Roddy Magesh Sivar  
Vice-Chancellor

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 Syed Tanveer Nasreen

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

Title of Thesis :

*"Bengali Muslim Women (1947-1992): A Case Study  
of Calcutta and Burdwan"*

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

The 2 JUN 2008



*Krais Ahmad*  
Registrar

*[Signature]*  
Vice-Chancellor



# Jyoti's University

Certified that

Sri Achintya Kumar Butta

was admitted to the Degree of Doctor of Philosophy in Arts of this University on 31. 07. 96 and that the degree was conferred on him/her at the Convocation held in 24th December 1996 with all the Rights and Privileges thereto appertaining.

In Witness whereof the Signatures of the Chancellor and the Vice-Chancellor of Jyoti's University are hereunto affixed.

S. C. S.  
Vice-Chancellor

Retreated by  
Dy. Secy 25.7.05

Professor of Chemistry  
The University of Burdwan  
Bardwan-713 104

Signature of the Chancellor  
(Chancellor)

UNIVERSITY OF  
KALYAN



This is to Certify that

*Dr. Pradip Chatterjee*  
obtained the Degree of Doctor of Philosophy ( Arts )  
in *History* in this University  
in the year 2006 .

KALYAN  
26 APR 2007

*Asst*  
Vice-Chancellor



This is to certify that

*Prototi Bhattacharyya*

has been admitted to the Degree of

Master of Philosophy in *Economics*

on *13.06.02* on successful completion of his/her

Final Examination and the dissertation

submitted by him/her.

Raybati, Burdwan

This 15th March, 2004.

*Apnalata*  
Vice-Chancellor

ATTESTED.

*Salu 285*  
B. Com. (Hons.)  
Burdwan, B. Com. (Hons.)



# KIIT UNIVERSITY

(Declared deemed to be University under section 3 of the UGC Act, 1956)  
BHUBANESWAR



Upon recommendation of the Academic Council hereby confers the Degree of



## DOCTOR OF PHILOSOPHY

in

**Law**

on

**Debdatta Das**

who has successfully completed the course of study in year 2015 as prescribed under the regulations  
The title of the thesis being "Legislative and Judicial Development of Victimology in India: A critical Appraisal"  
Given under the seal of KIIT University in the Republic of India on the Seventh day of November Two Thousand Fifteen

  
Registrar

  
Page 118  
Chancellor

  
Chancellor



*The West Bengal National University of  
Juridical Sciences, Kolkata*

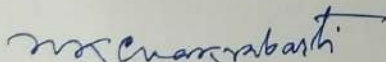
*Having been successfully examined and declared successful in her thesis "Reworking Environmental Norms: To Address Challenges to Health Posed by Urbanization", in accordance with the Ph.D regulations and upon the recommendations of the Academic Council and the Executive Council of the University, the degree of*

*Doctor of Philosophy (Ph.D.)*

*is hereby conferred upon*

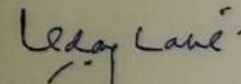
**Monalisa Saha**

*in the year 2022 under the Seal of this University*

  
Vice-Chancellor

The W.B. National University of Juridical Sciences



  
Chancellor

Chief Justice of India



Sanjeev Kumar Tiwari

having submitted a thesis entitled  
"The Law on Abolition of Untouchability-  
An impact analysis since Independence  
of India".

and having satisfied all the conditions  
prescribed in this respect by the University, was  
duly admitted to the degree of **Doctor of Philosophy**  
in **Arts (Law)**  
in the year 2005.

Rajlata Burdwan

The 8<sup>th</sup> November, 2005.

*[Signature]*  
Vice-Chancellor



# THE UNIVERSITY OF BURDWAN



*Sukumar Mandal*

having submitted a thesis entitled "Designing and Developing an Integrated Information Management and Retrieval System for College Libraries under the University of Burdwan"

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 *Library & Information Science* in the year *2017*.

Rajbati, Burdwan

Vice - Chancellor

The 10th March '2017.

20140004



# Jadavpur University

*Certified that*

**Sri Rajesh Das**

*was admitted to the Degree of Doctor of Philosophy in Arts of this University on 16/01/2014 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. Chatterjee*  
Vice-Chancellor



585

# Visva - Bharati

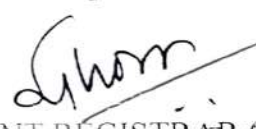
## Provisional Certificate

This is to certify that **Rajesh Das** has qualified for the Degree of Doctor of Philosophy(Ph.D.) on **29-08-2018** on presentation of a thesis as mentioned below under the Department/Centre of **Anthropology, Vidya Bhavana, Visva Bharati.**

Title of the thesis : **Impact of Television on Health Communication Among Scheduled Castes: A Case Study of Rural Burdwan Dist., W. Bengal.**

SANTINIKETAN

Dated: **02-09-2018**

  
ASSISTANT REGISTRAR (EXAMINATIONS)  
VISVA BHARATI  
विश्वभारती / Visva-Bharati



**RABINDRA BHARATI UNIVERSITY**  
56A, B.T. ROAD, KOLKATA-700 050

Ph.D/8772/P.C./22/001

Date: 24.01.2022

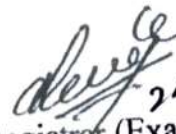
**Provisional Certificate**

This is to Certify that **Shri Mugdha Sengupta** has been admitted to the degree of Doctor of Philosophy (Ph.D) in **Mass Communication and Videography** under the Faculty of Fine Arts under orders of the Vice-Chancellor dated **21.01.2022** on the basis of the unanimous recommendations of the adjudicators of his thesis entitled "**A Study on the Strategies and Culture of Newspaper Publishing in the Digital Era in West Bengal**" submitted under the supervision of **Dr. Debjyoti Chanda** as also on the satisfactory report of viva-voce thereon.

He has fulfilled all the requirements under the new Ph.D regulations (issued by U.G.C. Notification No. ASDHA 20, 1931 on 11<sup>th</sup> July, 2009).

Be it noted that the degree would be awarded to him at next Annual Convocation of the University.



  
24.01.2022  
Joint Registrar (Exam.)  
**Arnab Bandyopadhyay**  
Joint Registrar (Exam)  
Rabindra Bharati University

UNIVERSITY OF CALCUTTA



This is to certify that

*Saswati Ganyopadhyay*

obtained the degree of **Doctor of Philosophy**  
in *Journalism and Mass Communication*  
in this University in the year 2007.

*Attested*  
*Sumanjyoti*  
*28/5/07*

A. K. Banerjee

Vice-Chancellor

Senate House,  
The 3rd. May, 2007



# Jai Gyan University

*Certified that*

**Sri Prasanta Malik**

was admitted to the Degree of **Doctor of Philosophy in Science** of this University on **08/04/2009** 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 Jai Gyan University are herewith affixed.

*P. N. Saha*  
Chancellor

December, 2009



*Prakumar*  
Chancellor



# Jadavpur University

*Certified that*

**Sri Brojeswar Pal**

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 Jadavpur University is herewith affixed.

*Brojeswar Pal  
26/06/2015*

*[Signature]*  
Vice-Chancellor



20120331



# Jyodhpur University

*Certified that*

**Sri Ritabrata Biswas**

**Doctor of Philosophy in Science**

was admitted to the Degree of University on 23/11/2012 and that the degree was conferred on him at the Convocation held in December 2012 with all the Rights and Privileges appertaining.

In Witness whereof the Signature of the Vice-Chancellor of

Jyodhpur University is herewith affixed.



*Ran...*  
Vice-Chancellor

*Attashed*  
*Ritabrata Biswas*  
*23/11/12*



THE UNIVERSITY OF BURDWAN



PROVISIONAL CERTIFICATE

Mr. Akbar Ghosh

having submitted a thesis entitled

Mathematical Modeling of Some Invariant Problems for Determining Stems under Different Environments

and having satisfied all the conditions prescribed in this respect by the University, as per UGC S regulation - 2009, was duly admitted to the Degree of Doctor of Philosophy in Mathematics in the year 2015.

Kaibari, Burdwan The 8th July 2015.

Registrar

Handwritten signatures and dates: Ali Akbar Ghosh 10/04/2012

# UNIVERSITY OF CALCUTTA



This is to certify that

*Biswajit Mitra*

obtained the degree of **Doctor of Philosophy**  
(Science) in *Pure Mathematics*

in this University in the year 2007.

Senate House,

*The 23rd September, 2008*

*Sulanjan Das*

Vice-Chancellor.

# VIDYASAGAR UNIVERSITY



This is to certify that

*Asoke Kumar Bhunia*

obtained the Degree of **Doctor of Philosophy**  
in *Applied Mathematics* under the Faculty of  
*Science* of this University in the  
year 19 98.

# THE UNIVERSITY OF BURDWAN

*Mantra Lalua*

having submitted a thesis entitled  
 "A study of fixed points of mappings over  
 a Quasi metric space and over a Banach  
 space with a probability measure".

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 (Mathematics).

in the year 2003.

Rajbati, Burdwan

The 26<sup>th</sup> August, 2003.

*Aravind*  
 Vice-Chancellor



## বিশ্বভারত

শ্রীমান অরিজিৎ ঘোষাল  
বিশ্বভারতীর শিক্ষা ভবনে  
যথানির্দিষ্ট অধ্যয়ন সমাপ্ত  
করিয়া ১৪১৩ বঙ্গাব্দের  
শি-এইচ.ডি. পরীক্ষায়

উত্তীর্ণ হওয়ায় তাহার  
নিদর্শনস্বরূপ এই প্রমাণ পত্র  
অর্পণ করা হইল ॥

*[Handwritten Signature]*

উপাচার্য



শান্তিনিকেতন

২০ অগ্রহায়ণ  
১৪১৫ বঙ্গাব্দ

20060183



## Jadaupur University

*Certified that*

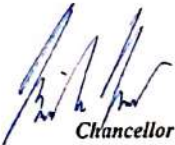
**Sri Amar Kumar Banerjee**

*was admitted to the Degree of Doctor of Philosophy in Science of this University on 24/02/2006 and that the degree was conferred on him / her at the Convocation held in December 2006 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.*

  
Vice-Chancellor  
The 24th December, 2006



  
Chancellor

# THE UNIVERSITY OF BURDWAN



*Iwati Mukhopadhyay*

having submitted a thesis entitled  
"Numerical studies on some problems of  
viscous incompressible flows"

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 (Mathematics)**  
in the year 2007.

*attested*  
*G. C. Layer*  
*14/08/08*

**DR. G. C. LAYER**  
**READER**

Department of Mathematics  
The University of Burdwan  
Burdwan-713104

# Indian Institute of Technology Kharagpur

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

## Doctor of Philosophy

*on*

**Gorachand Layek**

*who has successfully completed the prescribed requirements in  
the Department of Mathematics*

*Given under the seal of the Institute at Kharagpur in the  
Republic of India on the Twentyfirst day of June, One thousand  
nine hundred and ninetyseven.*

*Attested by  
R. B. Halder 5.4.2000*

*Professor.*

PHYSICS AND APPLIED MATHEMATICS UNIT,  
INDIAN STATISTICAL INSTITUTE,  
Calcutta—700035

*M. N. Gupta*  
Registrar

*A. Shaha*  
Director





THE UNIVERSITY OF BURDWAY

1887



Shyamal Kumar Hori

having submitted a thesis entitled.....

“Investigation on certain structures  
of Riemannian Manifolds”

and having satisfied all the conditions prescribed in  
this respect by the University was duly admitted to the degree of  
in Mathematics

in the year 2010.

Rajbati, Burdwan

The 17<sup>th</sup> June, 2010

Page 138

Vice-Chancellor

Shyamal Kumar Hori



Ref. No. : D-7/SC/295/10

Dated : 12-3-10

To  
Smt. Somasri Dam (nee Pal)  
C/O – Professor Anuradha Lohia  
Department of Biochemistry  
Bose Institute  
P – 1/12, C.I.T. Scheme VII M  
Kolkata - 700054  
India.

Sub.: Provisional Ph.D.(Sc.) Certificate.

Madam,

With reference to your thesis entitled "**Molecular Analysis Of Proteins Regulating Epigenetic Mechanism in Entamoeba histolytica**", the undersigned is pleased to inform you that the **Executive Council** of the University at its meeting held on **05.03.2010** declared you eligible for admission to the degree of **Doctor of Philosophy (Science)**. You may please note that the degree will be conferred on you at the **next annual convocation** of the University.

Yours faithfully,

  
Registrar.

जवाहरलाल नेहरू विश्वविद्यालय  
नई दिल्ली

**Jawaharlal Nehru University**  
**New Delhi**  
(Institute of Microbial Technology, Chandigarh)

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

**Doctor of Philosophy**

On Pradipta Saha

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

Title of Thesis :

*"Bacterial Diversity of Water of  
A Warm Spring Located in Assam"*

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

The 07.11.2008



*Aravis Ahmad*  
Registrar

*Aravind Kumar*  
Vice-Chancellor

# THE UNIVERSITY OF BURDWAN



*Subhra Kanti Mukhopadhyay*

*having submitted a thesis entitled*

*"Production of Xylan degrading enzymes by *Aspergillus flavipes*."*

*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 1997.*

*Rajbati, Burdwan*

*The 18<sup>th</sup> November 1997*

*Dr Basu*

*Vice-Chancellor*

25

# THE UNIVERSITY OF BURDWAN



## PROVISIONAL CERTIFICATE

*Prasanta Sarkar*

having submitted a thesis entitled

*"Anthropocentrism: A Study in Environmental Philosophy"*

and having satisfied all the conditions prescribed in this respect by the University, was duly admitted to the Degree of Doctor of Philosophy in..... *Arts*.....  
(*Philosophy*.....) in the year *2013*

Rajbati, Burdwan  
The *3rd* May, 2013

*[Signature]*  
Registrar

*Attested.*  
*Foram*  
*14.05.13*  
Department of Philosophy  
Burdwan University  
Burdwan, W.B.

30

THE UNIVERSITY OF BURDWAN



PROVISIONAL CERTIFICATE

*Sunil Kumar Das*

having submitted a thesis entitled

*"The Moral Issues of Abortion: Ongoing Debates"*

and having satisfied all the conditions prescribed in this respect by the University,

was duly admitted to the Degree of Doctor of Philosophy in..... *Arts*.....

(*Philosophy*.....) in the year..... *2013*.....

Rajbati, Burdwan

The *21st June, 2013*

*[Signature]*

Registrar

*[Signature]*  
*21.6.13*  
Dr. RAJAT BHATTACHARJEE  
Professor of Philosophy  
The University of Burdwan  
Burdwan, W. B.



*Mridula Bhattacharyya*

*having submitted a thesis entitled*

*"Falsity and Reality: An Advaita  
Approach."*

*and having satisfied all the conditions  
prescribed in this respect by the University, was  
duly admitted to the degree of Doctor of Philosophy  
in Arts (Philosophy)  
in the year 1997.*

*Rajbati, Burdwan*

*The 23<sup>rd</sup> July 1997*

*Miss  
Mridula  
Bhattacharyya  
23 Rajbati  
Department of Philosophy  
The University of Burdwan*

*JKBam  
Vice-Chancellor*



Deutsche Humanität  
having submitted a thesis entitled "A  
study of the problem of the life-world  
in Husserl's phenomenology"

and having satisfied all the conditions  
prescribed in this respect by the University, was  
duly admitted to the degree of Doctor of Philosophy  
in Arts (Philosophy)  
in the year 1935.

Robert Burdon

The 13th September 1935.

Vice-Chancellor

No. 10(5-12)-TU/Ph.D/98

Dated, Agartala, the


29/9/03

**NOTIFICATION**  
(AWARD OF Ph.D DEGREE)

It is hereby notified that on the recommendation of the Board of Adjudicators and the Board of Viva-Voce Examiners duly appointed by the University for the thesis entitled "PRADHAN CHAYTI SATVIK PURANE SAMKHYER PRABHAV".

submitted by Shri Dhruba Acharyya for the Degree of Doctor of Philosophy in Sanskrit under the Faculty of Science/Arts & Commerce, the University has decided to accept the reports and declare him/her eligible for the award of the Degree of Doctor of Philosophy.

By order of the Vice-Chancellor  
(Passed at the 114<sup>th</sup> meeting of the  
Syndicate held on 23/9/03).

  
ASSISTANT REGISTRAR  
Tripura University  
Surjyamangla - 799030

Copy to

1. The Candidate : Shri Dhruba Acharyya, Krishnath College, Berhampore, Murshidabad, West Bengal.
2. The Research Supervisor : Prof. Biswapati Roy, Department of Sanskrit, Tripura University, Suryamaninagar-799 130.
3. The Head, Dept of : Sanskrit, Tripura University, Suryamaninagar-799 130.
4. The Dean, Faculty of Science, Tripura University, Agartala.
5. The Dean, Faculty of Arts & Commerce, Tripura University, Agartala.
6. The Registrar, Tripura University, Agartala.
7. The Secretary, Association of Indian Universities, A.I.U House, 16 Kotla Marg, New Delhi-110 002.
8. The Director of Higher Education, Govt. of Tripura, Agartala.
9. The Librarian, Tripura University, Agartala.
10. The Secretary, F.C.P.G.S., Tripura University, Agartala.
11. Registration Section, Tripura University, Agartala.
12. Guard file.

Tafajol Hossain

having submitted a thesis entitled

"Analyticity and Necessity".

and having satisfied all the conditions  
prescribed in this respect by the University, was  
duly admitted to the degree of **Doctor of Philosophy**  
in **Arts (Philosophy)**  
in the year 19.99/2000/2001

Rajbati, Burdwan

The 25<sup>th</sup> September, 2000.

W. S. Chatterjee  
Vice-Chancellor

13.9.02



PROVISIONAL CERTIFICATE

Sunil Roy

having submitted a thesis entitled "The Karnataka Government - A Study in Kant's Philosophy" and having satisfied all the conditions prescribed in this respect by the University, was duly admitted to the Degree of Doctor of Philosophy in Arts (Philosophy) in the year 1997...

Rajbati, Doddwan  
The Registrar 997

*[Signature]*  
Registrar  
ATTESTED

*[Signature]*  
Principal  
SANKERANA MISION VIDYAMANDIRAJ  
(Students) Three-Year Degree College  
P. O. BELLUR MATH, HOWAR-711 208  
PH. NO. 0181/248-2202/24-1288

Vidya-Bharati

This is to certify that

Sri Rajat Bhattacharya

was admitted to the Degree of Doctor of  
Philosophy in this University in the  
year 1994

on presentation of a thesis entitled  
“Sāṃkhya Epistemology :  
A Critical Study”

*D. K. S.*  
Vice-Chancellor



Santiniketan \_\_\_\_\_ 16. 9. , 19 95

# Visva-Bharati

This is to certify that

*Amitava Choudhuri*

was admitted to the Degree of Doctor of  
Philosophy in this University in the  
year 2010

on presentation of a thesis entitled  
*'Lagrangian approach to nonlinear  
evolution equations'*

*Lalita Sinha*  
Vice-Chancellor



Santiniketan April 27, 2012

*Accepted*  
*R.N. Bhowmik*  
DR. R. N. BHOWMIK  
ASSISTANT PROFESSOR  
DEPARTMENT OF PHYSICS  
PONDICHERRY UNIVERSITY  
PONDICHERRY - 605 014



*Jadavpur University*

*Certificat that*

Smt. Chaitali Ghansda

*was admitted to the Degree of Doctor of Philosophy in Science of this University on 27.09.2019 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 herewith affixed.*



*Chaitali Ghansda  
1/11/21*

*Subanjan Das  
Vice-Chancellor*

# UNIVERSITY OF CALCUTTA



This is to certify that

Ritesh Kshetri

obtained the degree of Doctor of Philosophy  
(Science) in Physics  
in this University in the year 2009 .

Senate House,  
The 11<sup>th</sup> September, 2009

*Sumanjan Das*  
Vice-Chancellor.







08812102

## भारतीय प्रौद्योगिकी संस्थान गुवाहाटी

विद्या परिषद की अनुशंसा पर

**भौतिक विज्ञान** में

विद्या वाचस्पति की उपाधि

**राहुल दास**

को इस उपाधि के प्रदान हेतु विनियम विहित अपेक्षाएँ जनवरी 2014 में सफलतापूर्वक पूर्ण करने पर प्रदान करता है।

भारतीय गणराज्य के अंतर्गत गुवाहाटी में आज 13 जुलाई 2014 को संस्थान की यह मुद्रा अंकित उपाधि दी गई।

## INDIAN INSTITUTE OF TECHNOLOGY GUWAHATI

upon the recommendation of the Senate hereby confers the degree of

### Doctor of Philosophy

in

Physics

on

**Rahul Das**

who has successfully completed in January 2014, the requirements prescribed under the regulations for the award of this degree.

Given this day, under the seal of the Institute at Guwahati in the Republic of India, the 13th day of July, 2014.

**Thesis Title :** STUDY OF PHASE TRANSITIONS AND MAGNETO-CALORIC EFFECT IN Ni-Mn-X (X = Ga, Sn, In) FERROMAGNETIC SHAPE MEMORY ALLOYS

*Gautam Biswas*

निदेशक एवं  
अध्यक्ष, विद्या परिषद  
Director and  
Chairman, Senate

*R. Das*

कुलसचिव  
Registrar

*Shashi Mandal*

अध्यक्ष,  
शासी मंडल  
Chairman  
Board of Governors



# Jyoti's University

*Confined that*

Sri Abhijit Chakraborty

was admitted to the Degree of Doctor of Philosophy in Science of this University on 24/07/2002 and that the degree was conferred on him at the Convocation held in December 2002 with all the Rights and Privileges appertaining.

In Witness whereof the signatures of the Chancellor and the Vice-Chancellor of Jyoti's University are herewith affixed.

*Dr. Jyoti*

Vice-Chancellor

24th December, 2002

*Abhijit Chakraborty*

*[Signature]*

Chancellor

# THE UNIVERSITY OF BURDWAN

670

Subboursis Doss

having submitted a thesis entitled "On some  
Techniques of Nonlinear optical  
Losses Devices"

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 (Physics)  
in the year 1990.

Rajshahi Burdwan  
On 5<sup>th</sup> June, 1990

  
Chancellor



# JADAVPUR UNIVERSITY

Certified that

Sri Swapan Kumar Pradhan

was admitted to the Degree of Doctor of Philosophy in Science of this University on 18. 4 1996 and that the degree was conferred on him/her at the Convocation held in 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. S. Chatterjee*  
Vice-Chancellor

*S. S. Chatterjee*  
Chancellor



# Jadavpur University

*Certified that*

**Sri Partha Mitra**

*was admitted to the Degree of Doctor of Philosophy in Science of the University on 18/02/2004 and that the degree was conferred on him / her at the Convocation held in December 2004 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, 2004

*[Signature]*  
Chancellor



Pabitra Kumar Chakrabarti

having submitted a thesis entitled "An  
experimental and theoretical study of the  
behavior of some trivalent rare earth ions  
in crystals."

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 (Physics)

in the year 1998.

Rajbati, Burdwan

The 21<sup>st</sup> January, 1998.

J. K. Basu  
Vice-Chancellor

# UNIVERSITY OF BANGALURU



This is to certify that

Sauransu Mookhopadhyay

obtained the degree of **Doctor of Philosophy**  
(Technology) in Applied Physics  
in this University in the year 1993.

Senate House,  
The 25th February, 1994.

Witnessed  
Rubaru  
01/2/94  
Professor,  
School of Physics & Technology,  
Vijayabazar University,  
Bangalore-560010-721102

Rubaru  
Vice-Chancellor.



Serial No.

1310

# THE UNIVERSITY OF BURDWAN



## Provisional Certificate

*Jarmoy Banerjee*

having submitted a thesis entitled

*"Studies on Some Nonlinear Dynamical Problems of a Class of Synchronized Electronic Oscillators and Related Topics"*

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* (*Physics*) in the year *2008*.

Rajbati, Burdwan

The *12<sup>th</sup>* August, 2008.

*[Signature]*  
Registrar

*Attested  
Basankar  
14/8/08*

**Dr. B. C. Sarkar**  
Professor  
Physics Department  
Burdwan University  
Burdwan, W.B., 713004.



# Jadaupur University

*Certified that*

**Sri Abhigyan Butta**

*was admitted to the Degree of Doctor of Philosophy in Science of this University on 02/08/2006 and that the degree was conferred on him / her at the Convocation held in December 2006 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.*

**Vice-Chancellor**

The 24th December, 2006



**Chancellor**



# Jadaupur University

Certified that

Sri Sanjoy Mukherjee

was admitted to the Degree of Doctor of Philosophy in Science of this University on 03.03.1999 and that the degree was conferred on him / her at the Convocation held in December 1999 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.

*[Signature]*  
Vice-Chancellor  
The 24th December, 1999

Attested, *[Signature]*  
18/12/05  
Principal  
Medical Pathology Dept  
Jadaupur University  
Medical College Hospital, Gu

*[Signature]*  
Chancellor



# Jodhpur University

*Certified that*

**Sri Atis Chandra Mandel**

*was admitted to the Degree of Doctor of Philosophy in Science of this University on 10/05/2006 and that the degree was conferred on him / her at the Convocation held in December 2006 with all the Rights and Privileges thereto appertaining.*

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

*Atul Kumar*  
Vice-Chancellor  
The 24th December, 2006



*[Signature]*  
Chancellor

# THE UNIVERSITY OF BURDWAN



*Udit Chattopadhyay*  
having submitted a thesis entitled "Evaluation of  
some nonlinear Crystals for nonlinear optical  
devices by Laser techniques "

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 (Physics)*  
in the year 1992 .

Rajbati, Burdwan  
No. 28.12. 1992

*[Signature]*  
Vice-Chancellor

दिल्ली विश्वविद्यालय



1157

# UNIVERSITY OF DELHI

प्रमाणित किया जाता है कि मार्च, 2014 में शोध प्रबंध स्वीकृत हो जाने के उपरांत

**'अरिंदम रॉय'**

को 2014 के दीक्षांत-समारोह में दिल्ली विश्वविद्यालय की विद्या-वाचस्पति की उपाधि प्रदान की गई।

विभाग: राजनीति शास्त्र

*This is to certify that on approval of the thesis in March, 2014*

*'Arindam Roy'*

*qualified for the degree of Doctor of Philosophy (Ph.D.) of this University. The said Degree was conferred upon him/her at the Convocation held in 2014.*

Department: Political Science



*Alka Sharma*

कुलसचिव  
दिल्ली विश्वविद्यालय  
Registrar  
University of Delhi

दिल्ली, दिनांक 14 मार्च, 2014  
Delhi, Dated the 14th March, 2014

*D.A.S.A.*

कुलपति  
दिल्ली विश्वविद्यालय  
Vice Chancellor  
University of Delhi

नामांकन संख्या  
Enrol. No. Ph.D-4/10

**Page 166**



1551

No

THE UNIVERSITY OF BURDWAN



Provisional Certificate

*Arjit Bhattacharya*

having submitted a thesis entitled

*"Understanding Indian Nationhood:  
Ethnic and Civic Dimensions"*

and having satisfied all the conditions prescribed in this respect by  
the University, was duly admitted to the Degree of Doctor of  
Philosophy in *Arts* (Political Science.)  
in the year *2012*

Rajbati, Burdwan

*8<sup>th</sup> February, 2012.*

*8-2*  
Registrar

UNIVERSITY OF CALCUTTA



This is to certify that

*Arundhati Bhattacharyya*

obtained the degree of Doctor of Philosophy  
(Arts) in Political Science

in this University in the year 2014.

*Arundhati Bhattacharyya*

*Sujan Das*  
Vice-Chancellor.

Senate House,

The 28th November, 2014.



# UNIVERSITY OF NORTH BENGAL

Accredited by NAAC with Grade A

118

Laxmikanta Padhi  
Registrar (Officiating)  
Raja Rammohunpur  
P.O. North Bengal University  
Dist. Darjeeling, West Bengal  
PIN - 734 013



ENLIGHTENMENT TO PERFECTION

Phone: (0353) 2699008 (O)  
Fax : (0353) 2776313, 2699001  
Visit us at : <http://www.nbu.ac.in>  
Email : regnbu@nbu.ac.in  
regnbu@sancharnet.in  
regnbuphd@nbu.ac.in

Ref. No. Ph.D/ 302 /R-2018

Date: 18/01/2018

## TO WHOM IT MAY CONCERN

This is to certify that Sri Anil Kumar Biswas has been admitted to the Ph.D. (Arts) Degree in **Political Science (as per U.G.C. Regulations Prior to 2009)** as per decision of the Executive Council, University of North Bengal held on 27/12/2017. The title of his thesis is **"Participatory Local Governance and Development: A study of the Gram sansad experiment in two selected Gram Panchyats of Cooch Behar District of West Bengal"**. This provisional certificate is being issued as the Annual Convocation for the year 2018 is yet to take place.

*Keemal*

Registrar (Offg.) 18/1/18

Registrar (OFFG)  
North Bengal University

*Anil Kumar Biswas*  
29/1/18

Assistant Professor  
Deptt. of Pol. Science  
The University of Burdwan

# UNIVERSITY OF CALCUTTA



This is to certify that

*Rabindranath Bhattacharyya*

obtained the degree of **Doctor of Philosophy**  
(Arts) in *Political Science*  
in this University in the year 2001.

A. K. Banerjee

Vice-Chancellor.

Senate House,  
The 5th April, 2002.

UNIVERSITY OF LONDON



HARIHAR BHATTACHARYYA

of

THE LONDON SCHOOL OF ECONOMICS AND POLITICAL SCIENCE

having completed the course of study approved by the University and

passed the prescribed examinations as an Internal Student has

this day been admitted by the Senate to the degree of

**DOCTOR OF PHILOSOPHY**

20 DECEMBER 1989

A handwritten signature in black ink, appearing to read 'Dennis', written in a cursive style.

*Vice-Chancellor*

173

20110117535X0

University of Calcutta

Senate House  
87/1, College Street  
Kolkata - 700 07

Phone : +91-33-2241-0071/498

Fax : +91-33-2241-3222/E

eMail : phdcaluni@yahoo.co.in; somabando@yahoo.co.

Dated: 18th December 2015

of Dr. Soma Bandyopadhyay  
Registrar (Acting)



Letter: 7505/Ph.D.(Arts.)

To  
**Sri Sougata Mukherjee**  
Chhota Bazar, Nabapally Circular Road,  
Barasat, Kolkata - 700126.

Dear Sir,

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.(Arts.)** Degree of this University and on the results of the viva-voce examination, you have been admitted to the aforesaid degree on **December 17, 2015** in Sanskrit.

Yours faithfully,

*Soma Bandyopadhyay*  
(Soma Bandyopadhyay  
Registrar (Acting)  
SBY 18.12.15

Title of Thesis : **Sāmagānasya Svarūpam.**

No. 6102

Enrolment No.....09/72/MIS/008

जवाहरलाल नेहरू विश्वविद्यालय  
नई दिल्ली

JAWAHARLAL NEHRU UNIVERSITY

NEW DELHI - 110067.

PROVISIONAL CERTIFICATE

DOCTOR OF PHILOSOPHY

THIS IS TO CERTIFY THAT Devalina Saikia

having successfully completed the requirements in terms of the Ordinance relating to Ph.D. degree has been declared eligible for the award of the Degree of DOCTOR OF PHILOSOPHY of the University in the year 2017

The title of the Ph.D. Thesis :

"The Theory of Cognition in Bhāṣārātna of Kaṇāda  
Tarkavāgīśa"

New Delhi ;

Dated : 13.09.2017

Asst./Deputy Registrar (Evl.)

Valid till the original degree is issued.

सहायक कुलसचिव (मूल्यांकन)  
Assistant Registrar (Evaluation)  
जवाहरलाल नेहरू विश्वविद्यालय  
Jawaharlal Nehru University  
नई दिल्ली / New Delhi-110067

*Devalina*

13/11/17

No.

898

1108

# THE UNIVERSITY OF BURDWAN



## Provisional Certificate

*Aditi Mukhopadhyay (Sanskrit)*

having submitted a thesis entitled  
“*Sanskrita Bhāsāya Likhita Kasmira -  
Ithahāsen Mūlyāyana (Sultani Yuga : 1150 - 1586)*”

and having satisfied all the conditions prescribed in this respect by  
the University, was duly admitted to the Degree of **Doctor of  
Philosophy** in.....(*Arts*).....(*Sanskrit*)  
in the year *2002*.....

Rajbati, Burdwan

The *14th May, 2002*

*Udan Nathy*  
Registrar

No. 2699/Ph.D. (Arts.)



UNIVERSITY OF CALCUTTA  
SENATE HOUSE  
CALCUTTA-700073

The... 3. 10. 94 ..... 19...

Sri Parthapratin Das,  
A/33, Himnagar,  
P.O. Dankuni,  
Dist.- Hooghly,  
Pin- 711224.

Dear Sir/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. ( Arts. ) Degree of this University and on the results of the viva-voce examination, you have been admitted to the aforesaid degree on 24. 9. 94 in Sanskrit.

Yours faithfully,

Deputy Assistant Registrar

*[Handwritten Signature]* 3/10/94

Title of the thesis : "Magic in Ancient India."

*Seen the original*  
*[Handwritten Signature]*  
10/1/95

SCUP-47R-12-2-93-5000.



# RABINDRA BHARATI UNIVERSITY

56A, B. T. ROAD, CALCUTTA-700 050

## NOTIFICATION

It is notified for general information that Shri /  
Smt. Satyabati Bandyopadhyay has  
been declared eligible for admission to the degree of  
Doctor of Philosophy (Ph. D.) in Sanskrit  
under the Faculty of Arts / ~~Fine Arts / Visual Arts~~ under orders  
of the ~~Vice-Chancellor / Executive Council~~ dated 23.9.2003  
on the unanimous recommendations of the adjudicators of  
his / her thesis entitled "Vyakaranavid Mallinatha".

submitted under supervision of Prof Karuna Sindhu Das  
as also on the satisfactory  
report of viva voce thereon.

Be it noted that the degree would be awarded to him / her  
at the next annual convocation of the University

  
Deputy Registrar

### COPY to :

- i) Sm Satyabati Bandyopadhyay (Candidate)
- ii) \_\_\_\_\_ (Supervisor)
- iii) Head of the Department of \_\_\_\_\_
- iv) Dean, Faculty of Arts / Fine Arts / Visual Arts \_\_\_\_\_



1411

THE UNIVERSITY OF BURDWAN



Provisional Certificate

*Sumita Batabyal*

having submitted a thesis entitled

“*Pūrva Bhāratīya Lekhamālāya  
(Khrī Pūrva Itīya Gatak Itēke  
Khrī, Trayodāśī Gatak Parvanta)  
Aitihāsik Bhūgoler Upādāna?*”

and having satisfied all the conditions prescribed in this respect by  
the University, was duly admitted to the Degree of **Doctor of**  
**Philosophy** in *Arts* ( *Sanskrit* )  
in the year *2009*.

Rajbati, Burdwan

The *8<sup>th</sup>* December, 2009.

*[Signature]*  
Registrar

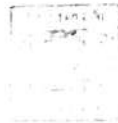
# Visva-Bharati

This is to certify that

Priman Ananda Mohan Kar  
was admitted to the Degree of Doctor of  
Philosophy in this University in the  
year 2008

on presentation of a thesis entitled  
"Role of Joint Forest Management and  
Eco-Tourism in Socio-Economic Development  
of Tribal People: Case studies in Park Bengal"

  
Vice-Chancellor



Santiniketan Dec.06, 2008, 20\_\_\_\_\_.



# Jyoti Bhattar University

*Certified that*

**Sri Sourav Bhattar Brey** of this

was admitted to the Degree of Doctor of Philosophy in Arts at the Convocation held in December 2006 with all the Rights and Privileges thereto appertaining.

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

*Attested*

*10.1.07*

*[Signature]*  
Chancellor

*[Signature]*  
Vice-Chancellor  
The 24th December, 2006



Animal Resources Department  
Vardhola, Jyoti Bhattar  
Muradpur, Patna.

Serial No: 57

# THE UNIVERSITY OF BURDWAN



## PROVISIONAL CERTIFICATE

*Amrita Kumar Biswas*

having submitted a thesis entitled

*Environmental Degradation in and around Kolkata: An Analysis of Social Consequences*

and having satisfied all the conditions prescribed in this respect by the University,

was duly admitted to the Degree of **Doctor of Philosophy** in *Arts*

(*Sociology*) in the year *2016*.

Rajbati, Burdwan

The *4th July 2016*

*[Signature]*  
Registrar

UNIVERSITY OF CALCUTTA



This is to certify that

*Sureban Bandyopadhyay*

obtained the degree of Doctor of Philosophy  
(Arts) in *Sociology*  
in this University in the year 1992.

Senate House,  
The 15th February, 1993.

*R. Banerjee*  
Vice-Chancellor.

# Indian Statistical Institute



*certifies that*

**Jayabrata Biswas**

*was admitted to the degree of*

**Doctor of Philosophy (Ph.D.)  
in Statistics**

*of the Institute on 9th January, 2020.*

*A. Boley*  
President

*S. Sankhyapadhyay*  
Director

*G. Mukherjee*  
Dean of Studies

*Dated Kolkata, the Twenty third day of January 2020*



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# भारतीय प्रौद्योगिकी संस्थान कानपुर Indian Institute of Technology Kanpur



## PROVISIONAL CERTIFICATE FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

No/A (PG)/ Roll No. 15108262/2021  
June 1, 2021

This is to certify that **Mr. Ayan Pal (Roll No. 15108262)** has successfully completed all the requirements for the award of the degree of Doctor of Philosophy in **Mathematics and Statistics** from Indian Institute of Technology Kanpur, securing a CPI of 9.00 on a scale of 10.00.

Mr. Ayan Pal (Roll No. 15108262) successfully defended his thesis on April 9, 2021.

The title of the thesis is:

***“On Failure Rate Based Accelerated Life Testing and Cure Based Models”***

The degree shall be conferred on the candidate at the upcoming 54<sup>th</sup> Convocation of the Institute



Assistant Registrar  
(Academic Affairs)

सहायक कुलसचिव (शैक्षिक कार्य)  
Assistant Registrar (Academic Affairs)  
भारतीय प्रौद्योगिकी संस्थान, कानपुर  
Indian Institute of Technology, Kanpur

# UNIVERSITY OF CALCUTTA



This is to certify that

*Arindam Gupta*

obtained the degree of **Doctor of Philosophy**  
(Science) in *Statistics*  
in this University in the year 2009 .

*Sumanjan Das*  
Vice-Chancellor.

Senate House,  
The 11th September, 2009



Serial No.: 919

# THE UNIVERSITY OF BURDWAN



## Provisional Certificate

*Rabindra Nath Das*

having submitted a thesis entitled  
"Some contributions to Robust rotatable  
designs with applications in reliability  
theory."

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*.....(*Statistics*.....)  
in the year...*2002* .

Rajbati, Burdwan

The *17<sup>th</sup>* December, 2002.

*A. K. Das*  
Registrar

1265

132

# THE UNIVERSITY OF BURDWAN



## Provisional Certificate

*Mir Abdul Gofique*

having submitted a thesis entitled

*"Developing Tourism Destinations in West Bengal from A Marketing Management Perspective"*

and having satisfied all the conditions prescribed in this respect by the University, was duly admitted to the Degree of **Doctor of Philosophy** in *Arts (Business Administration)* in the year *2008*.

Rajbati, Burdwan

The *27<sup>th</sup>* February, 2008.

*[Signature]*  
Registrar

*Attended*  
*[Signature]*  
*29-2-08*  
Registrar

Registrar's

RE/T/II/473/2097

13-4-07

The Registrar  
The University of Burdwan,  
Rajbati, Burdwan.

The Controller of Examinations,  
Utkal University,  
Vani Vihar,  
Bhubaneswar,  
Orissa.

Sub : Verification of Ph.D.

.....

Sir,

I am to state that Sri Dillip Kr. Das, Lecturer in Business Administration (Tourism) of this University has intimated this University that he has been awarded Ph.D. in Tourism in the subject "Economic-Socio-Cultural and Environmental Impact of Tourism on Destination : A Study of Golden Triangle of Orissa" by the Utkal University vide notification No. EC.VI/1002-Tourism/463 dt. 8.3.07 and submitted a photocopy thereof.

I would now request to please verify the correctness of the said Ph.D. Degree (copy of which is enclosed for your ready reference) and intimate us the position, at an early date, for our record and taking necessary action in this regard.

Thanking you,

Enclo :  
Copy of notification No. EC.VI/1002-  
Tourism/463 dt. 8.3.07.

Yours faithfully,

  
Registrar

No. 7510

BABASAHEB BHIMRAO AMBEDKAR BIHAR UNIVERSITY



PROVISIONAL CERTIFICATE

I Certify that Bivraj Bhuvan Parida  
passed the Ph.D. in the Faculty of Social Science (Economics) examination  
of this University held in the month of February 192001  
~~and was placed in the~~ Division Class

Dated, Muzaffarpur the 15th March 192001

  
REGISTRAR

B. R. Ambedkar B.U. Press, Muz.—163-96-10000

LECTURER  
Indian Institute of Tourism  
And Travel Management  
Eastern Regional Centre  
Bhubaneswar

काशी हिन्दू  
विश्वविद्यालय



BANARAS HINDU  
UNIVERSITY



AN INSTITUTION OF NATIONAL IMPORTANCE ESTABLISHED BY AN ACT OF PARLIAMENT

श्री सुमित कुमार हीरा इति—नामा  
२०१४ तमे ईसवीयवर्षे जूलाँजी  
इति विषये जूलाँजीविभागे विश्वविद्यालयस्यास्य  
डाक्टर ऑफ फ़िलासाफी इत्युपाधिं प्राप्नोदिति प्रमाणयति ।

प्रमाणित किया जाता है कि श्री सुमित कुमार हीरा  
को सन् २०१४ की जूलाँजी  
विषय में जूलाँजी विभाग से  
इस विश्वविद्यालय की डाक्टर ऑफ फ़िलासाफी उपाधि प्रदान की गई ।

*This is to certify that Shri Sumit Kumar Hira  
has been admitted to the degree of Doctor of Philosophy in the subject  
Zoology from the Department  
of Zoology of this University of the 2014.*

*Title of the Thesis - Studies on Dendritic Cell Derived TNF Superfamily Ligands  
in Leukemia & Lymphoma: Role of Cytokines*

# Utkal University

No. 000155

## UTKAL UNIVERSITY

UNIVERSITY FOR DOCTOR OF LITERATURE / SCIENCE

*This is to certify that*

**Dr. BIVRAJ BHUSAN PARIDA**.....

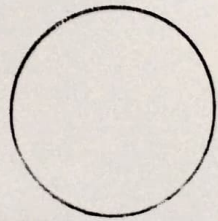
*Who passed the examination for the degree of,*

**DOCTOR OF LITERATURE / SCIENCE**

**BUSINESS ADMINISTRATION**..... held in the

month of **NOVEMBER**..... 2007....., was this day

*submitted to the degree.*



**UTKAL  
UNIVERSITY  
VANI VIHAR  
BHUBANESWAR.**

This 23rd January...2009.....

*[Signature]*  
Vice Chancellor

## ଉତ୍କଳ ବିଶ୍ୱବିଦ୍ୟାଳୟ

କଳା/ବିଜ୍ଞାନ-ପରମ-ପୁସ୍ତକ ଉପାଧି ପତ୍ର

.....୨୦୦୭..... ମସିହା ନଭେମ୍ବର..... ମାସରେ ପଢ଼ାଯିବ

..... ବାଣିଜ୍ୟ ଓ ପରିଚାଳନାଶାସ୍ତ୍ରୀୟ ବିଜ୍ଞାନ-ପରମ-ପୁସ୍ତକ

ଉପାଧି ପରୀକ୍ଷାରେ ବ୍ୟବସାୟ ପ୍ରଶାସନ..... ଶେଷଭାଗ

..... ଓଃ ବିଭାଗୀୟ ଭାଷଣ ପରିଚାଳନା

ଅବଧି ଏହି ଉପାଧି ପ୍ରଦତ୍ତ ହେଲା ।

*[Signature]*

ଉତ୍କଳ  
ବିଶ୍ୱବିଦ୍ୟାଳୟ  
ବାଣୀ ବିହାର  
ଭୁବନେଶ୍ୱର

କିନା ମହାନ୍ତ  
ପ୍ରଧାନ

ତା ୨୩ ୧୦ ୧ ୨୦୦୯

# DIPLOM

JIHOČESKÁ UNIVERZITA V ČESKÝCH BUDĚJOVICÍCH

Číslo diplomu JU \* 017716

**Anirban ASH, MSc.**

datum narození: 4. července 1981 místo narození: Hooghly  
ukončil úspěšně studium v doktorském studijním programu

P1501 Biologie

ve studijním oboru 1501V009 Parazitologie

na Přírodovědecké fakultě Jihočeské univerzity a v Biologickém centru Akademie věd České republiky, Parazitologickém ústavu

Podle § 47 odst. 5 zákona č. 111/1998 Sb., o vysokých školách a o změně a doplnění dalších zákonů (zákon o vysokých školách), se mu uděluje akademický titul **doktor** ve zkratce **Ph.D.** uváděné za jménem.

  
prof. RNDr. Libor Grubhoffer, CSc.  
rektor





prof. RNDr. František Vácha, Ph.D.  
děkan

V Českých Budějovicích 22. června 2012

Prof. (Dr.) Basab Chaudhuri  
Registrar



20C11115410Y30  
**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 : phdcalluni@yahoo.co.in

Letter: 0834/Ph.D.(Sc.)

Dated: 6th February 2015

To

**Smt Paramita Mandal**  
AJ-203, Sector-II, Salt Lake,  
Kolkata-700091.

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 **February 6, 2015** in **Biotechnology**.

Yours faithfully,

*Basab Chaudhuri*  
06/02/2015  
(Basab Chaudhuri)  
Registrar

Title of Thesis : **Some Insights On HPV Related Cervical Cancer Pathogenesis Based On Analysis Of Viral And Host Factors.**

*Handwritten signature/initials*



# THE UNIVERSITY OF BURDWAN



## PROVISIONAL CERTIFICATE

*Moutushi Mandi* having submitted a thesis entitled "Study exploring the effects of organophosphate insecticide, Acephate on reproduction of *Drosophila melanogaster*" and having satisfied all the conditions prescribed in this respect by the University, as per UGC's regulation 2009, was duly admitted to the *Degree of Doctor of Philosophy* in Zoology in the year 2023.

Rajbati, Burdwan

The 5<sup>th</sup> June, 2023

  
Registrar

काशी हिन्दू  
विश्वविद्यालय



BANARAS HINDU  
UNIVERSITY



AN INSTITUTION OF NATIONAL IMPORTANCE ESTABLISHED BY AN ACT OF PARLIAMENT

श्री अरूप मिस्त्री इति—नामा  
२०१८ तमे ईसवीयवर्षे जूलॉजी  
इति विषये जूलॉजीविभागे विश्वविद्यालयस्यास्य  
डाक्टर ऑफ फ़िलासाफी इत्युपाधिं प्राप्नोदिति प्रमाणयति ।

प्रमाणित किया जाता है कि श्री अरूप मिस्त्री  
को सन् २०१८ की जूलॉजी  
विषय में जूलॉजी विभाग से  
इस विश्वविद्यालय की डाक्टर ऑफ़ फ़िलासाफी उपाधि प्रदान की गई ।

*This is to certify that Shri Arup Mistri  
has been admitted to the degree of Doctor of Philosophy in the subject  
Zoology from the Department  
of Zoology of this University of the 2018.*

*Title of the Thesis - Modifications in the Epidermis and Gills of an Angler  
Catfish, Chaca chaca (Siluriformes, Chacidae) in Relation to  
its Habit and Habitat*

स्थान : वाराणसी  
Place : Varanasi

दिनांक Dated : DEC 20, 2019

  
कुलपति:  
Vice-Chancellor

2428

# THE UNIVERSITY OF BURDWAN



*Prif Hossain*

having submitted a thesis entitled "Studies on the Bioremediation Potential of some Freshwater Invertebrates (Gastropoda: Orthogastropoda)"

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 *Ecology*

in the year *2015*

*Prasanta Burdwan*

*The 16th July '2015*

*Vice - Chancellor*

*Hossain*  
*31.12.17*

# THE UNIVERSITY OF BURDWAN



*Shubhajit Saha*

*having submitted a thesis entitled..... Study on the Effects  
of Some Commonly Used New Generation Pesticides on Fish  
and Fish Food Organisms and the Role of Agricultural Runoff in  
the Change of Water Quality and Piscine Diversity of Kankana  
Baor and Beri Baor, North 24 Parganas, West Bengal*

*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..... Zoology..... in the year..... 2021*

*Rajbati, Burdwan  
The 13<sup>th</sup> April 2021*

  
*Vice Chancellor*

# THE UNIVERSITY OF BURDWAN



*Abhijit Majumdar*

*having submitted a thesis entitled "Investigation of the Faunistics and Ecology of Chironomid Communities of the Mangrove Ecosystem of West Bengal (Diptera: Chironomidae)"*

*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 (Zoology) in the year 1996.*

*Rajbati, Burdwan*  
*The 1st July 1996*

*Lehara*  
*Vice-Chancellor*

# Visva-Bharati

This is to certify that

Sri Koushik Ghosh

was admitted to the Degree of Doctor of  
Philosophy in this University in the  
year 2003

on presentation of a thesis entitled  
"Use of Non-Hormonal feed additives and  
Probiotics in formulation of diets for rohu,  
*Labeo rohita* (Hamilton)"

Feeder  
Vice-Chancellor



Santiniketan April 13, 2004, 20\_\_\_\_\_.


# THE UNIVERSITY OF BURDWAN

Gautam Chandra

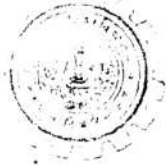
having submitted a thesis entitled "Transmission dynamics of Bancroftian filariasis in relation to the Vector Culex quinquefasciatus in an urban and a rural area of West Bengal" and having satisfied all the conditions prescribed in this respect by the University, was duly admitted to the degree of Doctor of Philosophy in Science (Zoology) in the year 1992.

Raybati, Burdwan  
The 4.3.1992

  
Vice-Chancellor

  
Inspector of Colleges  
The University of Burdwan  
BURDWAN (W.B.)

# THE UNIVERSITY OF BURDWAN



*Niladri Hazra*

having submitted a thesis entitled

"Morphology and diversity of  
Chironomid communities of the Darjeeling-  
Sikkim Himalayas of India (Diptera: Chironomidae)"

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 (Zoology)

in the year 19.99/2000/2001

Rajlali, Burdwan

The 28<sup>th</sup> November, 2000.

*Anirban*  
Vice-Chancellor



# THE UNIVERSITY OF BURDWAN



*Anupam Basu*

having submitted a thesis entitled  
“Development of Simultaneous Immunoassay  
of two Reproductive Hormones”.

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 (Zoology)**  
in the year 2005 .

Rajbati, Burdwan  
The 22<sup>nd</sup> September, 2005.

*Amalendu*  
Vice-Chancellor

# Sambalpur University

ସମ୍ବଲପୁର ବିଶ୍ୱବିଦ୍ୟାଳୟ



## DOCTOR OF SCIENCE

This is to Certify that

**Dr. Goutam Chandra**

*having passed the examination for the degree of*

## Doctor of Science

*in the faculty of Science on the thesis "Studies on Mosquitoes of West Bengal, India in Relation to Their Distribution, Age Composition, Food Habit, Role of Them as Vectors of Human Diseases and Some Directions for Control" held in the month of August, 2009, was this day admitted to the degree*

SAMBALPUR UNIVERSITY  
JYOTI VIHAR, BURLA

The 14th July, 2010

*Abhinav*  
Vice-Chancellor

# North - Eastern Hill University



## DOCTOR OF PHILOSOPHY

*This is to certify that*

*Sanjib Ray*

*has been admitted to the Degree of Doctor of Philosophy*

*in Zoology in the*

*School of Life Sciences*

*in the year 2006*

*Given under the seal of the University.*

*Shillong*

*The 14th Nov 2006*

*Serial No. 11*

*Samod Rondon  
Vice-Chancellor*

*30/11*  
Lecturer  
Deptt. of Zoology  
North Bengal University  
Durgam Chok, Siliguri (W.B.)

# THE UNIVERSITY OF BURDWAN

1069



Goumendranath Chatterjee  
having submitted a thesis entitled "Studies  
on Anopheles subpictus in relation to Malaria  
transmission in a rural area of West Bengal,  
India."

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 (Zoology)  
in the year 1998.

Rajbati, Burdwan

The 27th April, 1998.

Jt. Ram  
Vice-Chancellor

attested  
b/l  
04/01/06

Head,  
Department of Zoology,  
BURDWAN UNIVERSITY  
West Bengal, India.

THE UNIVERSITY OF BURDWAN



Anandamay Barik

having submitted a thesis entitled "Biochemical interactions between the weed, Ludwigia adscendens (L.) and its insect herbivore, Altica cyanea (Weber) (Coleoptera: Chrysomelidae)

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 (Zoology).

in the year 2005.

Rajlata Burdwan

The 10<sup>th</sup> January, 2005.

Anamika  
Vice-Chancellor

UNIVERSITY OF CALCUTTA



This is to certify that

*Sanjoy Podder*

obtained the degree of **Doctor of Philosophy**  
(Science) in *Zoology*  
in this University in the year 2008.

*Sumanjan Das*  
Vice-Chancellor.

Senate House,  
The 11th September, 2009

20070197



# Jadavpur University

*Certified that*

**Smt. Sumedha Roy**

*was admitted to the Degree of Doctor of Philosophy in Science of this University on 11/07/2007 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 Jadavpur University are hereunto affixed.*

*P. N. Ghosh*

Vice-Chancellor

The 24th December, 2007



*[Signature]*  
Chancellor

62D0000069



# Jadavpur University

*Certified that*

**Sri Brosonjit Pal**

**Bachelor of Philosophy in Arts** of this

was admitted to the Degree of  
University on **19.09.2016** 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.



*Subarjan Das*  
Vice-Chancellor

JADAVPUR UNIVERSITY  
The 24th December, 2016





VISVA – BHARATI



SANTINIKETAN

Declaration of result (Doctor of Philosophy)

The Upacharya (Vice-Chancellor) has been pleased to order that the under mentioned candidate be declared to have qualified for the degree of Doctor of Philosophy on presentation of the thesis as noted against each name. The degree will be conferred on them at the next Annual Convocation of the University.

Sl. No	Name of the Candidate	Name of the Supervisor(s)	Department/Bhavana	Title of the Thesis
1.	Adityanarayan Adak	Prof. Sumanto Kumar Mondal	Physical Education, Vinaya-Bhavana	Optimization of Curve Radius for Running Performance.
2.	Radha Rani Ghosh	Prof. Sumanto Kumar Mondal	Physical Education, Vinaya-Bhavana	A Study of Health Related Physical Fitness of Tribal and Non-tribal Older Adults.
3.	Rajib Pati	Prof. A. K. Chatterjee and Dr. Dibyendu Mukhopadhyay	ASEPAN, Palli Siksha-Bhavana	Phosphorus use efficiency of lentil ( <i>Lens culinaris</i> L.) with organic matter, lime and boron under <i>Teral</i> situation of West Bengal.
4.	Subodh Chandra Pal	Dr. Gopal Chandra Debnath	Geography, Vidya-Bhavana*	Hydrogeomorphological Characteristics and Associated Landuse of Silabati River Basin, West Bengal.

Memo. No. Exam.Ph.D/2014-15

Santiniketan, May, 16, 2015

Copy forwarded for information to:

1. The Registrars of all Indian Universities.
2. The Secretary, University Grants Commission, Bahadur Shah Zafar Marg, New Delhi.
3. The Secretary, Association of Indian Universities, Dindyal Upadhyay Marg, New Delhi.
4. The Secretary of the Government of India, Human Resource Development, Department of Higher Education, New Delhi.
5. The Secretary, Union Public Service Commission, Post Box No, 186, Dholpur House, New Delhi-110069.
6. The Editor, University News, Association of Indian Universities, Rouse Avenue, New Delhi.
7. The Secretary, Association of Indian Universities, AIU House, 16, Comrade Indrajit Gupta Marg, New Delhi -110 002.
8. The Secretary, Council of Scientific and Industrial Research, Anusandhan Bhawan, 2 Rafi Marg, New Delhi-110001.
9. The Provost of SEI&RR, Visva-Bharati.
10. The Provost of Sciences, Visva-Bharati.
11. The Provost of CCR&H, Visva-Bharati
12. The Librarian Central Library, Visva-Bharati
13. The Adhyaksha, Vidya-Bhavana, Visva-Bharati
14. The Adhyaksha Vinaya Bhavana, Visva-Bharati
15. The Adhyakasha, Palli Siksha-Bhavana, Visva-Bharati
16. The Adhyakasha, Vidya-Bhavana, Visva-Bharati

S. B. Sen  
Controller of Examinations  
Visva-Bharati  
16/5/15

[Contd. Page-2]