



GU-F-A 0087417

# University of Gauhati



Doctor of Philosophy(Ph.D), 2017

*This is to certify that*

*Siddhartha Narayan Borah*

*(Registration No 005941 of 2006-07 )  
has been awarded the degree of Doctor of  
Philosophy (Ph. D) by this University in the Faculty of  
Technology ( Biotechnology ) in the year 2017 for  
his/her thesis - Studies on the Antifungal Properties of  
Biosurfactant Produced by Soil Bacteria with  
Reference to Fusarium verticillioides and Fusarium  
oxysporum f. sp. pisi .*

**Gopinath Bardoloi Nagar**  
Guwahati - 781014 (Assam)

*A. Hazarika*  
Vice Chancellor



# University of Gauhati



DOCTOR OF PHILOSOPHY

No 000385

*This is to certify that*

*Susmita Hazarika*

*(Registration No. 000309 of 1998-99)*

*qualified for the Degree of Doctor of  
Philosophy (Ph. D.) of this University, in  
the Faculty of Arts (History)*

*in the year 192004, for his/her thesis*

*"A Critical Study on the Formation of State  
and Political Development of Ancient Kamrupa*

*(From Ancient Time to 1228 A.D.)"*

Gopinath Bardoloi Nagar  
Guwahati-781014 (Assam)

  
Vice-Chancellor

The 11 January, 2007. 49  
Ph.D./S-97/500/6-3-97

No. AU/OC/22/

09457

# Assam University : Silchar



SILCHAR : ASSAM : INDIA

(A Central University Constituted By an Act of Parliament)


## Provisional Certificate

### Doctor of Philosophy

This is to certify that DHARMESWAR BARHOI  
Registration Number 17-120033525 of 2012-2013  
of Life Science & Bioinformatics Department Under Hargobind  
Khurana School of Life Sciences has been  
qualified for the Degree of Doctor of Philosophy of this  
University on 18.04.2022.

Silchar, Assam (India)

Date 18.05.2022

  
Controller of Examinations

- The Degree is awarded in accordance with the UGC Regulations-2009 for Ph.D / M.Phil
- The Original Certificate shall be issued after convocation.





# तेजपुर विश्वविद्यालय

हिमास्नाता दत्त सरकार (SOP14002)

को

शैक्षिक सत्र XXXX में विश्वविद्यालय के संविधियों तथा अध्यादेशों में विनिर्दिष्ट सभी आवश्यकताओं को सफलतापूर्वक पूर्ण करने के उपरान्त भारतीय गणराज्य के तेजपुर, असम स्थित विश्वविद्यालय की मुद्रा के अधीन इसके सभी सुविधाओं और आबंधों के साथ

समाज शास्त्र

में

डॉक्टर ऑफ फिलोसॉफी

की उपाधि दिनांक 22 जनवरी, 2021 को प्रदान करता है।

## Tezpur University

confers upon

Himasnata Dutta Sarkar (SOP14002)

the degree of

Doctor of Philosophy

in

Sociology

for his/her thesis

Politics of Ethnic Identity and Cultural Representation of the Rabhas of Goalpara, Assam

with all its privileges and obligations

on having successfully completed all the requirements in the academic session XXXX as specified in the statutes and Ordinances of the University.


Given under the seal of the University at Tezpur, Assam in the

Republic of India on the 22nd day of JANUARY, 2021.



01/2018/180

  
कुलसचिव  
Registrar

  
कुलपति  
Vice-Chancellor





# तेजपुर विश्वविद्यालय

जागृति घोष (SOP14004)

को

शैक्षिक सत्र XXXX में विश्वविद्यालय के संविधियों तथा अध्यादेशों में विनिर्दिष्ट सभी आवश्यकताओं को सफलतापूर्वक पूर्ण करने के उपरान्त भारतीय गणराज्य के तेजपुर, असम स्थित विश्वविद्यालय की मुद्रा के अधीन इसके सभी सुविधाओं और आबंधों के साथ

समाज शास्त्र

में

डॉक्टर ऑफ फिलोसॉफी

की उपाधि दिनांक 23 दिसंबर, 2019 को प्रदान करता है।

## Tezpur University

confers upon

Jagritee Ghosh (SOP14004)

the degree of

Doctor of Philosophy

in

Sociology

for his/her thesis

Customs, Chiefs and State: A study of the Konyak Nagas of Nagaland

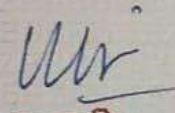
with all its privileges and obligations  
on having successfully completed all the requirements in the academic  
session XXXX as specified in the statutes and Ordinances of the University.

Given under the seal of the University at Tezpur, Assam in the  
Republic of India on the 23rd day of DECEMBER, 2019.



01/2018/114

  
कुलसचिव  
Registrar

  
कुलपति  
Vice-Chancellor



# Assam University : Silchar



SILCHAR : ASSAM : INDIA

( A Central University Constituted By an Act of Parliament )

## DOCTOR OF PHILOSOPHY

This is to certify that


MOUSUMI DEKA

bearing University Registration No. 24400628 of 2005-2006  
was admitted to the Degree of Doctor of Philosophy in  
Visual Arts under Abanindranath Tagore School  
of Creative Arts & Communication Studies having qualified for  
the same on 29.04.2015.

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

Given under the seal of Assam University this 15<sup>th</sup> day of March  
2017.

Silchar, Assam (India)

  
Vice Chancellor





# तेजपुर विश्वविद्यालय

पृथ्वी प्रतिभा गोगोई (SOP16101)

को

शैक्षिक सत्र XXXX में विश्वविद्यालय के संविधियों तथा अध्यादेशों में विनिर्दिष्ट सभी आवश्यकताओं को सफलतापूर्वक पूर्ण करने के उपरांत भारतीय गणराज्य के तेजपुर, असम स्थित विश्वविद्यालय की मुद्रा के अधीन इसके सभी सुविधाओं और आबंधों के साथ

समाज शास्त्र

में

डॉक्टर ऑफ फिलोसॉफी

की उपाधि दिनांक 30 दिसम्बर, 2022 को प्रदान करता है।

## Tezpur University

confers upon

**Prithibi Pratibha Gogoi (SOP16101)**

the degree of

Doctor of Philosophy

in

**Sociology**

for his/her thesis


**Daikho: A study of Sacred Space, Gender and Ethnic Identity Among the Dimasas of Northeast India**

with all its privileges and obligations  
on having successfully completed all the requirements in the academic session XXXX as specified in the statutes and Ordinances of the University.

Given under the seal of the University at Tezpur, Assam in the Republic of India on the 30th day of DECEMBER, 2022.



01/2022/009

  
कुलसचिव  
Registrar

  
कुलपति  
Vice-Chancellor





# तेजपुर विश्वविद्यालय

रिजू देवी (SOP14008)

को

शैक्षिक सत्र XXXX में विश्वविद्यालय के संविधियों तथा अध्यादेशों में विनिर्दिष्ट सभी आवश्यकताओं को सफलतापूर्वक पूर्ण करने के उपरांत भारतीय गणराज्य के तेजपुर, असम स्थित विश्वविद्यालय की मुद्रा के अधीन इसके सभी सुविधाओं और आबंधों के साथ

समाज शास्त्र

में

डॉक्टर ऑफ फिलोसॉफी

की उपाधि दिनांक 26 फरवरी, 2022 को प्रदान करता है।

## Tezpur University

confers upon

Riju Devi (SOP14008)

the degree of

Doctor of Philosophy

in

Sociology

for his/her thesis

**Changing Dynamics of Caste and Identity Among the Nepali Community of Assam**

with all its privileges and obligations


on having successfully completed all the requirements in the academic session XXXX as specified in the statutes and Ordinances of the University.


Given under the seal of the University at Tezpur, Assam in the

Republic of India on the 26th day of FEBRUARY, 2022.



01/2020/093

  
कुलसचिव  
Registrar

  
कुलपति  
Vice-Chancellor



D002947

# जवाहरलाल नेहरू विश्वविद्यालय

नई दिल्ली



विद्या परिषद् की संस्तुति पर

संगीता दास

को

## विद्या वाचस्पति

की उपाधि प्रदान करता है जिन्होंने संबंधित अध्यादेश के अन्तर्गत निर्धारित अपेक्षाओं को वर्ष 2019 में सफलतापूर्वक पूरा किया है।

शोध-प्रबंध का शीर्षक: "जेंडर एंड कास्ट इन कंटेम्पररी तांत्रिक प्रक्टिसेस इन असम"

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 **Sangeeta Das**

who has successfully completed in the year 2019 the requirements prescribed under the Ordinance for the award of this Degree.

Title of Thesis: "Gender and caste in contemporary Tantric practices in Assam."

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

दिनांक/The 5-11-2019



*Pranod*  
कुलसचिव/Registrar

*M Jagadeesh Kumar*  
कुलपति/Vice-Chancellor





SILCHAR : ASSAM : INDIA

( A Central University Constituted By an Act of Parliament )


## Provisional Certificate

### Doctor of Philosophy

This is to certify that SUMANTA DUTTA CHOWDHURY  
Registration Number 10102494 of 2006-2007  
of Visual Arts Department Under  
Abanindranath Tagore School of Creative Arts & Communication Studies has been  
qualified for the Degree of Doctor of Philosophy of this  
University on 13.01.2023.

Silchar, Assam (India)

Date 24.01.2023

  
Controller of Examinations

- The Degree is awarded in accordance with the UGC Regulations-2009 for Ph.D / M.Phil
- The Original Certificate shall be issued after convocation.





146121014

# भारतीय प्रौद्योगिकी संस्थान गुवाहाटी

विद्या परिषद की अनुशंसा पर

भौतिक विज्ञान में

विद्या वाचस्पति की उपाधि

**मइदुल इस्लाम**

को इस उपाधि के प्रदान हेतु विनियम विहित अपेक्षाएँ जून 2018 में सफलतापूर्वक पूर्ण करने पर प्रदान करता है।

भारतीय गणराज्य के अंतर्गत गुवाहाटी में आज 25 जून 2018 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

**Maidul Islam**

who has successfully completed in June 2018, 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 25<sup>th</sup> day of June, 2018.

**Thesis Title :** Analytical and Simulation Modeling of Terahertz Waveguides and Sensors based upon Plasmonic and Metamaterial Structures

*Gautam Biswas*

निदेशक एवं  
अध्यक्ष, विद्या परिषद  
Director and  
Chairman, Senate

*Rajiv*

कुलसचिव  
Registrar

*Rajiv*

अध्यक्ष,  
शासी मंडल  
Chairman,  
Board of Governors



No. AU/OC/22/

01134

# Assam University : Silchar



SILCHAR : ASSAM : INDIA

( A Central University Constituted By an Act of Parliament )


## Provisional Certificate

### Doctor of Philosophy

This is to certify that ISHITA CHAKRABORTY  
Registration Number 22-150083119 of 2015-2016  
of Computer Science Department Under  
Albert Einstein School Physical Sciences has been  
qualified for the Degree of Doctor of Philosophy of this  
University on 21.03.2023.

Silchar, Assam (India)

Date 24.05.2023

  
Controller of Examinations

- The Degree is awarded in accordance with the UGC Regulations-2009 for Ph.D / M.Phil
- The Original Certificate shall be issued after convocation.





SILCHAR : ASSAM : INDIA

( A Central University Constituted By an Act of Parliament )


## Provisional Certificate

### Doctor of Philosophy

This is to certify that MOSES NEWME  
Registration Number 31-100004985 of 2010-2011  
of Social Work Department Under Jadunath  
Sarkar School of Social Sciences has been  
qualified for the Degree of Doctor of Philosophy of this  
University on 28.07.2022.

Silchar, Assam (India)

Date 10.08.2022

  
Controller of Examinations

- The Degree is awarded in accordance with the UGC Regulations-2009 for Ph.D / M.Phil
- The Original Certificate shall be issued after convocation.



# University of Gauhati

GU-F-A 0070025



Doctor of Philosophy(Ph.D), 2016

*This is to certify that  
Md. Deluwar Hoque*

*(Registration No 010680 of 1999-2000 )  
has been awarded the degree of Doctor of  
Philosophy (Ph. D) by this University in the Faculty of  
Arts/Economics in the year 2016 for his/her thesis  
in A study of Livelihood Pattern in the Socio-Economic  
Milieu of Char Areas in Assam.*

**Gopinath Bardoloi Nagar**  
Guwahati - 781014 (Assam)

*G. Hazarika*  
Vice Chancellor



# University of Gauhati

GU-P-A 018045



**Doctor of Philosophy(Ph.D.), 2020**  
**(Provisional Certificate)**

*This is to certify that*  
*Anuja Sinha*  
*(Registration No 003942 of 2003-04 )*  
*qualified for the Degree of Doctor of Philosophy*  
*(Ph.D.) of this University in the faculty of*  
*Science (Mathematics) in the year 2020 for*  
*his/her thesis - A study of some Problems on Heat*  
*Transfer in Hydromagnetic Flows.*

**Gopinath Bardoloi Nagar**  
Guwahati - 781014 (Assam)

  
**Registrar**





# तेजपुर विश्वविद्यालय

भास्करज्योति गोगोई

को

शैक्षिक सत्र XXXX में विश्वविद्यालय के संचिधियों तथा अध्यादेशों में विनिर्दिष्ट सभी आवश्यकताओं को सफलतापूर्वक पूर्ण करने के उपरांत भारतीय गणराज्य के तेजपुर, असम स्थित विश्वविद्यालय की मूद्रा के अधीन इसके सभी सुविधाओं और आबंधों के साथ

अणुजीव विज्ञान एवं जैव-प्रौद्योगिकी

में

डॉक्टर ऑफ फिलोसॉफी

की उपाधि दिनांक 7 अप्रैल, 2017 को प्रदान करता है।

## Tezpur University

confers upon

**BHASKARJYOTI GOGOI**

the degree of

Doctor of Philosophy

in

**MOLECULAR BIOLOGY AND BIOTECHNOLOGY**

for his/her thesis

**A Study on the Molecular Mechanisms of the Antidiabetic Activities of Some Plant Derived Molecules**

with all its privileges and obligations

on having successfully completed all the requirements in the academic session XXXX as specified in the statutes and Ordinances of the University.

Given under the seal of the University at Tezpur, Assam in the Republic of India on the 7th day of APRIL, 2017



01/2015/070

  
कुलसचिव  
Registrar

  
कुलपति  
Vice-Chancellor



# राष्ट्रीय प्रौद्योगिकी संस्थान सिलचर

अभिषद की अनुमति पर

इस्राफील हुसैन

पंजीकरण संख्या १३-३-०३-१०५

को

'अस्य उर्जा स्रोतों / उर्जा भण्डारण प्रणाली पर आधारित एकीकृत हाइब्रिड शक्ति प्रणाली के स्वचालित उत्पादन नियंत्रण की कार्य-क्षमता का विश्लेषण'

अनुसंधान कार्य की मान्यता पर

विद्या-वाचस्पति

की उपाधि प्रदान करता है।

भारतीय गणराज्य के अंतर्गत सिलचर में आज २३ जून २०१८ को संस्थान की यह मुद्रा अंकित उपाधि दी गई।



**National Institute of Technology Silchar**

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

**Doctor of Philosophy**

on

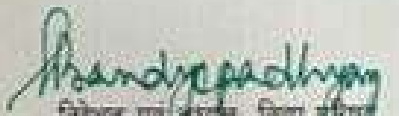
**Israfil Hussain**


Registration No. 13-3-03-105

in recognition of the research work on

*Performance Analysis of Automatic Generation Control of Integrated Hybrid Power System based on Renewable Energy Sources / Energy Storage System'*

This certificate is issued this day, the 23rd June, 2018, under the seal of the Institute at Silchar in the Republic of India.

  
निदेशक एवं अध्यक्ष, विद्या परिषद  
Director and Chairman, Senate

  
कुलसचिव  
Registrar

  
अध्यक्ष, बोर्ड ऑफ गवर्नर्स  
Chairperson, Board of Governors



# Assam University : Silchar



SILCHAR : ASSAM : INDIA

(A Central University Constituted By an Act of Parliament)

## DOCTOR OF PHILOSOPHY

This is to certify that

BIRSON INGTI

bearing University Registration No 18-100002016 of 2010-2011  
was admitted to the Degree of Doctor of Philosophy in  
Microbiology under Hargobind Khurana  
School of Life Sciences having qualified for  
the same on 05.06.2018.

The Degree is conferred in the 17<sup>th</sup> Convocation of the University  
held on 14<sup>th</sup> March, 2019.

Given under the seal of Assam University this 12<sup>th</sup> day of September  
2019.

Silchar, Assam (India)

  
Vice Chancellor

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



Assam University : Silchar



SILCHAR : ASSAM : INDIA

(A Central University Constituted By an Act of Parliament)

DOCTOR OF PHILOSOPHY

This is to certify that

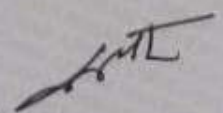
MITRAJIT DEB

bearing University Registration No. 10102120 of 2005-2006  
was admitted to the Degree of Doctor of Philosophy in  
Life Science & Bioinformatics under Hargobind Khurana  
School of Life Sciences having qualified for  
the same on 30.04.2019.

The Degree is conferred in the 18<sup>th</sup> Convocation of the University  
held on 25<sup>th</sup> December, 2020.

Given under the seal of Assam University this 27<sup>th</sup> day of August  
2021.

Silchar, Assam (India)

  
Vice Chancellor





SILCHAR : ASSAM : INDIA

( A Central University Constituted By an Act of Parliament )

DOCTOR OF PHILOSOPHY

This is to certify that

NINGTHOUJAM SEEMA DEVI

bearing University Registration No 16-110022840 of 2011-2012

was admitted to the Degree of Doctor of Philosophy in

Biotechnology under Hargobind Khurana

School of Life Sciences

having qualified for

the same on 16.09.2021.

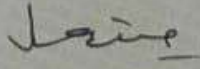
The Degree is conferred in the 19<sup>th</sup> Convocation of the University

held on 5<sup>th</sup> May, 2022.

Given under the seal of Assam University this 5<sup>th</sup> day of May

2022.

Silchar, Assam (India)

  
Vice Chancellor



# मालवीय राष्ट्रीय प्रौद्योगिकी संस्थान जयपुर

अभिषद् की अनुशंसा पर  
शंकर बर्मन

को

विद्या वाचस्पति

की उपाधि प्रदान करता है।

शोधप्रबंध शीर्षक

डेवलेपमेंट एंड परफारमेंस एनालिसिस ऑफ थिन फिल्म सेमि-ट्रान्सपेरेंट सोलर  
फोटोवोल्टाइक विंडो सिस्टम

आज भारतीय गणराज्य के अन्तर्गत जयपुर में यह उपाधि दी गई है।

दिनांक २९ दिसम्बर, २०१८

## *Malaviya National Institute of Technology Jaipur*

*upon the recommendation of the Senate confers on*

***Sankar Barman***

*the degree of*

***Doctor of Philosophy***

*Thesis title in*

*Development and Performance Analysis of Thin Film Semi-Transparent  
Solar Photovoltaic Window System*

*Given this day at Jaipur in the Republic of India*

*The 29th December, 2018*



*Sainand*  
कुलसचिव  
Registrar

*Sankar Barman*  
निदेशक एवं अध्यक्ष अभिषद्  
Director & Chairman Senate

*Sankar Barman*  
अध्यक्ष शायी परिषद्  
Chairperson Board of Governors





# University of Gauhati

GU-F-A 0123171



Doctor of Philosophy(Ph.D), 2021

*This is to certify that*

*Arpee Saikia*

*(Registration No 183682 of 2014-15 )  
has been awarded the degree of Doctor of  
Philosophy(Ph.D) by this University in the Faculty of  
Arts(WSPC) in the year 2021 for his/her thesis -  
Gender Issues and Working Women in Higher Education  
Institutions in Kamrup District (Metro), Assam.*

Gopinath Bardoloi Nagar  
Guwahati - 781014 (Assam)

*P. J. Handique*  
Vice Chancellor



No. 0006286

# RAJIV GANDHI UNIVERSITY



*Itanagar : Arunachal Pradesh*

राजीव गाँधी विश्वविद्यालय

विद्या वाचस्पति

प्रमाणित किया जाता है कि छायानिका बरुआ पंजीकरण संख्या RGU/ RS-604/2015 ने इस विश्वविद्यालय से वर्ष 2018 में गणित में विद्या वाचस्पति की उपाधि प्राप्त की।

**DOCTOR OF PHILOSOPHY**

This is to Certify that Chayanika Boruah bearing Registration No. RGU/ RS-604/2015 has been awarded to the Degree of Doctor of Philosophy in Mathematics in this University in the year 2018.

*Given under the seal of the University*



Date: 30<sup>th</sup> November, 2018

Rono Hills

*S. Kishore*

Vice-Chancellor





# तेजपुर विश्वविद्यालय

पल्लवी बोरा (ESP14003)

को

शैक्षिक सत्र XXXX में विश्वविद्यालय के संविधियों तथा अध्यादेशों में विनिर्दिष्ट सभी आवश्यकताओं को सफलतापूर्वक पूर्ण करने के उपरांत भारतीय गणराज्य के तेजपुर, असम स्थित विश्वविद्यालय की मुद्रा के अधीन इसके सभी सुविधाओं और आबंधों के साथ

पर्यावरण विज्ञान

में

डॉक्टर ऑफ फिलोसॉफी

की उपाधि दिनांक 27 दिसंबर, 2018 को प्रदान करता है।

## Tezpur University

confers upon

Pallabi Borah (ESP14003)

the degree of

Doctor of Philosophy

in

Environmental Science

for his/her thesis

Study on Heavy Metals Contamination and Their Phyto-Remediation in Soils Around a Paper Mill and Municipal Landfill in Assam

with all its privileges and obligations

on having successfully completed all the requirements in the academic session XXXX as specified in the statutes and Ordinances of the University.

Given under the seal of the University at Tezpur, Assam in the Republic of India on the 27th day of DECEMBER, 2018.



01/2015/184

कुलसचिव  
Registrar

कुलपति  
Vice-Chancellor



National Yang-Ming University

Serial No. D1021059  
Reg. No. 49826012



Upon the recommendation of the faculty,  
and in recognition of the fulfillment of the requirements of the  
**Institute of Biophotonics,**  
**School of Biomedical Science and Engineering,**  
**National Yang-Ming University**

has conferred upon

**Gitanjal Deka**

the degree of

**Doctor of Philosophy**

together with all the honors, rights and privileges belonging to that degree.

In witness whereof, this diploma is issued with the seal of the University.

Given in January of the year two thousand and fourteen.

*C. Allen Chang*

Dean, School of Biomedical Science and Engineering

*Kung-ye Liang*

President



No. 2100176

Regn No. 0861/2012-13

DIBRUGARH UNIVERSITY



ডিব্ৰুগড় বিশ্ববিদ্যালয়



ভাৰত গণৰাজ্যৰ অসম  
ডিব্ৰুগড় বিশ্ববিদ্যালয়ৰ মোহৰ আৰু কৰ্তৃত্ব অনুসাৰে  
নীতা মনি শৰ্মাক  
প্ৰায়োগিক ভূতত্ত্ব বিষয়ত ২০২২ বৰ্ষত পিএইচ.ডি. ডিগ্ৰী প্ৰদান কৰা হ'ল।

Neeta Moni Sharma  
has been awarded the  
Degree of Doctor of Philosophy in Applied Geology in the year 2022  
under the seal of Dibrugarh University, Assam, in the  
Republic of India.

Date : 28<sup>th</sup> June, 2022

Dibrugarh, Assam

Vice-Chancellor





# तेजपुर विश्वविद्यालय

प्रणामी भट्टाचार्य

को

शैक्षिक सत्र **XXXX** में विश्वविद्यालय के संविधियों तथा अध्यादेशों में विनिर्दिष्ट सभी आवश्यकताओं को सफलतापूर्वक पूर्ण करने के उपरांत भारतीय गणराज्य के तेजपुर, असम स्थित विश्वविद्यालय की मुद्रा के अधीन इसके सभी सुविधाओं और आबंधों के साथ

अंग्रेजी

में

डॉक्टर ऑफ फिलोसॉफी

की उपाधि विनांक **7 अप्रैल, 2017** को प्रदान करता है।

## Tezpur University

confers upon

**PRONAMI BHATTACHARYYA**

the degree of

**Doctor of Philosophy**

in

**ENGLISH**

for his/her thesis

**Patterns of Gazing in African American Travel Writing: A Study of Select Texts**

with all its privileges and obligations

on having successfully completed all the requirements in the academic session **XXXX** as specified in the statutes and Ordinances of the University.

Given under the seal of the University at Tezpur, Assam in the Republic of India on the **7th** day of **APRIL, 2017**



01/2015/039

कुलसचिव  
Registrar

कुलपति  
Vice-Chancellor





# University of Gauhati

GU-P-A 029619



## Doctor of Philosophy(Ph.D.), 2020 (Provisional Certificate)

*This is to certify that  
Syeda Anjum Afreen  
(Registration No 1961 of 2013-14 )  
qualified for the Degree of Doctor of Philosophy  
(Ph. D.) of this University in the faculty of Arts  
( Psychology ) in the year 2020 for his/her thesis  
- Post Traumatic Stress Disorder (PTSD),  
Depression and Post Traumatic Growth (PTG)  
on Riot Victims - A Comparative Study  
Between Adults and Adolescents.*

**Gopinath Bardoloi Nagar**  
Guwahati - 781014 (Assam)

  
Registrar



No. AU/OC/22/ 09403



SILCHAR : ASSAM : INDIA

( A Central University Constituted By an Act of Parliament )

*DOCTOR OF PHILOSOPHY*

This is to certify that

DEMSAI REANG


bearing University Registration No 01-100009239 of 2010-2011  
was admitted to the Degree of Doctor of Philosophy in  
Ecology & Environmental Science under E.P. Odum School  
of Environmental Sciences having qualified for  
the same on 07.08.2020.

The Degree is conferred in the 19<sup>th</sup> Convocation of the University  
held on 5<sup>th</sup> May, 2022.

Given under the seal of Assam University this 5<sup>th</sup> day of May  
2022.



Silchar, Assam (India)

  
Vice Chancellor

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



पूर्वोत्तर पर्वतीय विश्वविद्यालय



DOCTOR OF PHILOSOPHY  
डॉक्टर ऑफ फिलासफी

*This is to certify that*

**DHIRAJ KUMAR BORKOTOKY**

*has been admitted to the Degree of DOCTOR OF PHILOSOPHY in  
POLITICAL SCIENCE under the School of  
SOCIAL SCIENCES of this University  
in the year 2015*

प्रमाणित किया जाता है कि

**DHIRAJ KUMAR BORKOTOKY**

को इस विश्वविद्यालय के समाज विज्ञान संकाय के अंतर्गत राजनीति विज्ञान  
विषय में डॉक्टर ऑफ फिलासफी की उपाधि वर्ष 2015 में प्रदान की गयी ।

*Given under the seal of the University.*

*विश्वविद्यालय की मुहर के अंतर्गत प्रदत्त*

Serial No. / क्रम संख्या 48

Registration No./ पंजीकरण संख्या 1655 of 21.09.2010

Shillong / शिलांग

Date / दिनांक 29<sup>th</sup> March 2016

Vice – Chancellor  
कुलपति



# ASSAM SCIENCE AND TECHNOLOGY UNIVERSITY

(A State University of Government of Assam constituted by "Assam Science and Technology University Act, 2009")  
Tetelia Road, Near AEC Campus, Jalukbari, Guwahati- 13, Assam, India



## Ph.D. PROVISIONAL CERTIFICATE

This is to certify that,

**HIRAK RANJAN DAS**

has qualified for the award of the Degree of

**DOCTOR OF PHILOSOPHY**

of this University bearing Reg. No.

**292115417**

in

**Energy Engineering**

with CGPA of **7.75**

on **14/09/2020** after having completed the requirements prescribed for the award of the Degree.

Thesis Title :

**Numerical and experimental investigations of macro flow dynamics due to wind over earth fixed structures.**

  
Controller of Examinations



Issued On : 04.12.2020

Valid upto next Convocation

  
Registrar



क्रमसंख्या

285

Serial No.



अनुक्रमसंख्या

Regn. No. 95-dcb-6002

# कुरुक्षेत्र - विश्वविद्यालयः

डॉक्टर ऑफ़ फ़िलॉसॉफी

इदमत्र प्रमाणीक्रियते यत् मीनू,  
 श्री तरसेम पाल महोदयस्य पुत्रः/पुत्री 200६  
 तमे संवत्सरे समाजवित्ज्ञान - स्सकार्य तोऽस्य  
 विश्वविद्यालयस्य लोक प्रशासन विषये

डॉक्टर ऑफ़ फ़िलॉसॉफी इत्युपाधिना समलङ्कृत/समलङ्कृता इति ।

अस्य/अस्याः शोध प्रबन्धस्य विषयः " भारतीय खाद्य निगमः उत्तरीय क्षेत्र  
 कार्यालय का निष्पादन मूल्यांकन " इत्यासीत् ।

## Kurukshetra University

Doctor of Philosophy

This is to certify that Meenu,  
 son/daughter of Shri Tarsem Pal, and  
 of the Faculty of Social Sciences, has been awarded  
 the Degree of Doctor of Philosophy (Public Administration)  
 of this University, in 2006.

The topic of his/her Thesis was "Food Corporation of  
 India: Performance Appraisal of North Zone Office"

Registrar  
 कुल-सचिवः

Vice-Chancellor  
 कुलपतिः

Chancellor  
 कुलाधिपतिः

Kurukshetra Dated: Dec. 14, 2006.

कुरुक्षेत्रः तिथिः १४ दिसम्बर २००६.



# University of Gauhati

GU-F-A 0125822



Doctor of Philosophy(Ph.D), 2021

*This is to certify that*

*Sumi Kankana Dewan*

*(Registration No 005827 of 2015-16 )  
has been awarded the degree of Doctor of  
Philosophy (Ph.D) by this University in the Faculty of  
Technology (Instrumentation & U.S.H) in the year  
2021 for his/her thesis - Design of ZnO nano material  
based Bio-sensor to be used for diagnosis of Biological  
Parameters in case of Animal & Bird.*

*Self attested  
Sumi Kankana Dewan*

Gopinath Bardoloi Nagar  
Guwahati - 781014 (Assam)

*P.J. Handique*  
Vice Chancellor



# North-Eastern Hill University

## पूर्वोत्तर पर्वतीय विश्वविद्यालय



DOCTOR OF PHILOSOPHY  
विद्या वाचस्पति

*This is to certify that*

SUSMITA PAUL

*has been admitted to the Degree of DOCTOR OF PHILOSOPHY in  
this University in Biotechnology and Bioinformatics in the School of  
LIFE SCIENCES  
in the year 2019*

प्रमाणित किया जाता है कि

SUSMITA PAUL

को वर्ष 2019 में इस विश्वविद्यालय के जीव विज्ञान संकाय  
के अंतर्गत जीव प्रौद्योगिकी एवं जैव सूचना विज्ञान विषय में विद्या वाचस्पति  
की उपाधि प्रदान की गयी ।

*Given under the seal of the University.*

*विश्वविद्यालय की मुहर के अंतर्गत प्रदत्त*

Serial No. / क्रम संख्या 119

Registration No./ पंजीकरण संख्या 2408 of 04.12.2014

Shillong / शिलांग

Date / दिनांक 4<sup>th</sup> November 2019

Vice – Chancellor  
कुलपति



# राष्ट्रीय प्रौद्योगिकी संस्थान सिलचर

अभिषद की अनुशंसा पर  
धीमान दत्ता

पंजीकरण संख्या १४-३-२२-१०२  
को

टाइप -2 फजी सेट्स, संबंधों और उनके अनुप्रयोगों का अध्ययन

में

अनुसंधान कार्य की मान्यता पर  
**विद्या-वाचस्पति**

की उपाधि प्रदान करता है।

भारतीय गणराज्य के अंतर्गत सिलचर में आज २ नवंबर २०१९ को संस्थान की  
यह मुद्रा अंकित उपाधि दी गई।



## National Institute of Technology Silchar

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

**Doctor of Philosophy**

on

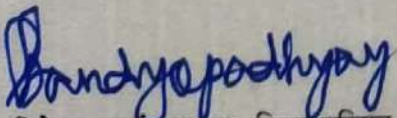
**Dhiman Dutta**

Registration No. 14-3-22-102

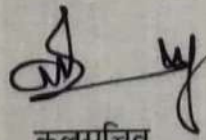
in recognition of the research work on

*A Study of Type-2 Fuzzy Sets, Relations and their Applications*

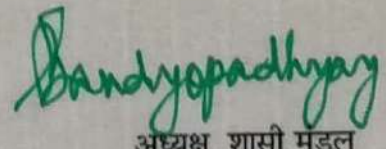
This certificate is issued this day, the 2nd of November 2019 under the seal of the Institute  
at Silchar in the Republic of India



निदेशक एवं अध्यक्ष, विद्या परिषद  
Director and Chairman, Senate



कुलसचिव  
Registrar



अध्यक्ष, शासी मंडल  
Chairperson, Board of Governors



# Tripura University

(A Central University)  
Suryamaninagar-799022

## Provisional Certificate

*This is to Certify that Mahuya Deb has qualified for the Degree of Doctor of Philosophy (Ph.D.) in Psychology under the Faculty of Arts & Commerce in accordance with UGC Regulations-2009 as on 08.11.2019.*

The degree will be conferred on her at the next Annual Convocation of the University.

Title of the Thesis : "Management of Adjustment Problems of Fresher Female Students in College or University Hostels".

**Place :** Suryamaninagar

**Date :** 08/11/2019

*Satyadev Poddar*

**(Prof. S. Poddar)**

Controller of Examinations(I/C)  
Tripura University



# North-Eastern Hill University

## पूर्वोत्तर पर्वतीय विश्वविद्यालय



DOCTOR OF PHILOSOPHY

विद्या वाचस्पति

*This is to certify that*

**SANCHAYITA RAJKHOWA**

*has been admitted to the Degree of DOCTOR OF PHILOSOPHY in  
this University in Chemistry in the School of  
PHYSICAL SCIENCES  
in the year 2017*

प्रमाणित किया जाता है कि

**SANCHAYITA RAJKHOWA**

को वर्ष 2017 में इस विश्वविद्यालय के भौतिकी विज्ञान संकाय  
के अंतर्गत रसायन विज्ञान विषय में विद्या वाचस्पति  
की उपाधि प्रदान की गयी ।

*Given under the seal of the University.*

*विश्वविद्यालय की मुहर के अंतर्गत प्रदत्त*

Serial No. / कम संख्या 56

Registration No./ पंजीकरण संख्या 2093 of 12.10.2012

Shillong / शिलांग

Date / दिनांक 13<sup>th</sup> March 2018

Vice – Chancellor

कुलपति



# University of Gauhati

GU-F-A 001324



**Doctor of Philosophy(Ph.D) 2013**

*This is to certify that*

*Baishalee Rajkhowa*

*(Registration No 000726 of 2002-03 )  
has been awarded the degree of Doctor of  
Philosophy (Ph. D) by this University in the Faculty of  
Arts/ Education in the year 2013 for his/her thesis  
in A Study on the Methods of Teaching English for  
Developing Teaching Competence of the Secondary  
School Teachers of Assam.*

**Gopinath Bardoloi Nagar**  
Guwahati - 781014 (Assam)

  
Vice Chancellor





GU-P-A 052657

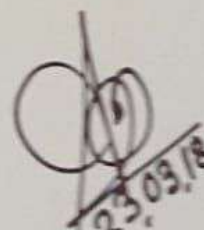
# University of Gauhati



Doctor of Philosophy(Ph.D.), 2018  
(Provisional Certificate)

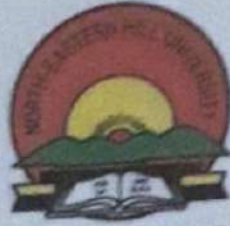
*This is to certify that  
Biswajit Sarma  
(Registration No 001485 of 2002-03 )  
qualified for the Degree of Doctor of Philosophy  
(Ph.D.) of this University in the faculty of  
Science (Chemistry) in the year 2018 for his/her  
thesis - Studies on antidiabetic activity of a few  
medicinal plants.*

**Gopinath Bardoloi Nagar**  
Guwahati - 781014 (Assam)

  
23.03.18  
Registrar



**North-Eastern Hill University**  
**पूर्वोत्तर पर्वतीय विश्वविद्यालय**



DOCTOR OF PHILOSOPHY

विद्या वाचस्पति

*This is to certify that*

**DEBAJIT KALITA**

*has been admitted to the Degree of DOCTOR OF PHILOSOPHY in  
this University in Biotechnology and Bioinformatics in the School of  
LIFE SCIENCES  
in the year 2019*

*प्रमाणित किया जाता है कि*

**DEBAJIT KALITA**

*को वर्ष 2019 में इस विश्वविद्यालय के जीव विज्ञान संकाय  
के अंतर्गत जीव प्रौद्योगिकी एवं जैव सूचना विज्ञान विषय में विद्या वाचस्पति  
की उपाधि प्रदान की गयी ।*

*Given under the seal of the University.*

*विश्वविद्यालय की मुहर के अंतर्गत प्रदत्त*

Serial No. / क्रम संख्या 34

Registration No. / पंजीकरण संख्या 2409 of 03.12.2014

Shillong / शिलांग

Date / दिनांक 4<sup>th</sup> November 2019

Vice – Chancellor  
कुलपति





# तेजपुर विश्वविद्यालय

अनुज कुमार बोरा (MBP14010)

को

शैक्षिक सत्र XXXX में विश्वविद्यालय के संविधियों तथा अध्यादेशों में विनिर्दिष्ट सभी आवश्यकताओं को सफलतापूर्वक पूर्ण करने के उपरांत भारतीय गणराज्य के तेजपुर, असम स्थित विश्वविद्यालय की मुद्रा के अधीन इसके सभी सुविधाओं और आबंधों के साथ

अणुजीव विज्ञान एवं जैव-प्रौद्योगिकी

में

डॉक्टर ऑफ फिलोसॉफी

की उपाधि दिनांक 22 जनवरी, 2021 को प्रदान करता है।

## Tezpur University

confers upon

Anuj Kumar Borah (MBP14010)

the degree of

Doctor of Philosophy

in

Molecular Biology and Biotechnology

for his/her thesis

A Study on the Modulation of Adipocyte Differentiation and Physiology by Aqueous Extracts of *Terminalia chebula* Fruit and *catharanthus roseus* Leaves from Assam, India

with all its privileges and obligations

on having successfully completed all the requirements in the academic session XXXX as specified in the statutes and Ordinances of the University.

Given under the seal of the University at Tezpur, Assam in the

Republic of India on the 22nd day of JANUARY, 2021.



01/2018/181

कुलसचिव  
Registrar

कुलपति  
Vice-Chancellor





# तेजपुर विश्वविद्यालय

संविधियों तथा अध्यादेशों में विनिर्दिष्ट सभी आवश्यकताओं को  
सफलतापूर्वक पूर्ण करने के उपरान्त

**संचिता राय**

को उनके शोध-प्रबंध

**Application of Light Scattering and Computational Techniques for Investigation of  
Morphological Properties of Small Particles Using a Designed and Fabricated Laser Based  
Setup**  
पर

भारतीय गणराज्य के तेजपुर (असम) स्थित विश्वविद्यालय  
की मुद्रा के अधीन डॉक्टर ऑफ फिलॉसफी  
की उपाधि दिनांक 24 मई 2013 को प्रदान करता है।

## Tezpur University

on successful completion of all the requirements as  
specified in the Statutes and Ordinances

has conferred upon

**Sanchita Roy**

the Degree of

**Doctor of Philosophy**

in

**Physics**

for his/her thesis

**Application of Light Scattering and Computational Techniques for Investigation of  
Morphological Properties of Small Particles Using a Designed and Fabricated Laser Based  
Setup**

given under the seal of the University at  
Tezpur, Assam in the Republic of India on the  
24th Day of May, 2013



01/2012/028

*Alimuddin*  
कुलसचिव  
Registrar

*Nihar*  
कुलपति  
Vice-Chancellor



# University of Gauhati

GU-P-A 036053



## Doctor of Philosophy(Ph.D.), 2022 (Provisional Certificate)

*This is to certify that  
Ankur Jyoti Kashyap  
(Registration No 005725 of 2015-16)  
qualified for the Degree of Doctor of Philosophy  
(Ph.D.) of this University in the faculty of  
Science(Mathematics) in the year 2022 for  
his/her thesis - A study on some dynamical systems  
representing eco-epidemiological predator-prey  
interactions.*

**Gopinath Bardoloi Nagar**  
Guwahati - 781014 (Assam)

  
**Registrar**





# University of Gauhati

GU-P-A 053021



**Doctor of Philosophy(Ph.D.), 2018**  
**(Provisional Certificate)**

*This is to certify that*

*Bornali Chetia*

*(Registration No. 2892 of 2009-10 )  
qualified for the Degree of Doctor of Philosophy  
(Ph.D.) of this University in the faculty of  
Science (Physics) in the year 2018 for his/her  
thesis - Ionospheric Perturbations at varied solar -  
Geomagnetic Ambiences as seen through satellite  
and ground Based Techniques.*

**Gopinath Bardoloi Nagar**  
Guwahati - 781014 (Assam)

  
15.03.18.  
Registrar



No. 1704032

# DIBRUGARH UNIVERSITY



*This is to certify that  
Debojeet Sahu  
of the Department of Chemistry has fulfilled the requirements for the  
Degree of Doctor of Philosophy in Chemistry in the year 2017.*

*The Degree of Doctor of Philosophy is hereby conferred on him/her.*

*Issued under the Seal of the University  
in the Republic of India.*

Dibrugarh, Assam,  
The 15 MAR 2018

*A. L. Dasgupta*  
Vice-Chancellor





# भारतीय प्रौद्योगिकी संस्थान गुवाहाटी

विद्या परिषद की अनुशंसा पर  
मानविकी एवं सामाजिक विज्ञान में  
विद्या वाचस्पति की उपाधि

## मुनमी शङ्कीया

को इस उपाधि के प्रदान हेतु विनियम विहित अपेक्षाएँ मार्च 2018 में सफलतापूर्वक पूर्ण करने पर  
प्रदान करता है।

भारतीय गणराज्य के अंतर्गत गुवाहाटी में आज 25 जून 2018 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

### Humanities and Social Sciences

on

### Munmi Saikia

who has successfully completed in March 2018, 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 25<sup>th</sup> day of June, 2018.

**Thesis Title :** Outward Foreign Direct Investment from India: An Investigation of the Determinants

*Gautam Biswas*

निदेशक एवं  
अध्यक्ष, विद्या परिषद  
Director and  
Chairman, Senate

*[Signature]*

कुलसचिव  
Registrar

*Rajiv*

अध्यक्ष,  
शासी मंडल  
Chairman,  
Board of Governors





# तेजपुर विश्वविद्यालय

नीरज सिंह (MBP14005)  
को

शैक्षिक सत्र XXXX में विश्वविद्यालय के संविधियों तथा अध्यादेशों में विनिर्दिष्ट सभी आवश्यकताओं को सफलतापूर्वक पूर्ण करने के उपरांत भारतीय गणराज्य के तेजपुर, असम स्थित विश्वविद्यालय की मुद्रा के अधीन इसके सभी सुविधाओं और आबंधों के साथ

अणुजीव विज्ञान एवं जैव-प्रौद्योगिकी

में

डॉक्टर ऑफ फिलोसॉफी  
की उपाधि दिनांक 23 दिसंबर, 2019 को प्रदान करता है।

## Tezpur University

confers upon

Niraj Singh (MBP14005)

the degree of

Doctor of Philosophy

in

Molecular Biology and Biotechnology

for his/her thesis

Development of an Efficient Root Inoculation Method of *Ralstonia solanacearum* F1C1 in Tomato and Eggplant Seedlings and Its Applications to Study Plant-Microbe Interactions

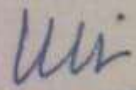
with all its privileges and obligations  
on having successfully completed all the requirements in the academic session XXXX as specified in the statutes and Ordinances of the University.

Given under the seal of the University at Tezpur, Assam in the Republic of India on the 23rd day of DECEMBER, 2019.



01/2018/109

  
कुलसचिव  
Registrar

  
कुलपति  
Vice-Chancellor





# तेजपुर विश्वविद्यालय

संविधियों तथा अध्यादेशों में विनिर्दिष्ट सभी आवश्यकताओं को  
सफलतापूर्वक पूर्ण करने के उपरान्त

**पुवाली शर्मा**

को उनके शोध-प्रबंधन  
Quantum Chemical Structure-Reactivity Studies of Anticancer Drug Molecules and an  
Insight into Drug-DNA interaction  
पर

भारतीय गणराज्य के तेजपुर (असम) स्थित विश्वविद्यालय  
की मुद्रा के अधीन डॉक्टर ऑफ फिलॉसफी  
की उपाधि दिनांक 10 फरवरी, 2012 को प्रदान करता है।

## Tezpur University

on successful completion of all the requirements as  
specified in the Statutes and Ordinances

has conferred upon  
**Pubalee Sarmah**  
the Degree of  
**Doctor of Philosophy**  
in  
**Chemical Sciences**

for his/her thesis  
Quantum Chemical Structure-Reactivity Studies of Anticancer Drug Molecules and an  
Insight into Drug-DNA interaction  
given under the seal of the University at  
Tezpur, Assam in the Republic of India on the  
10th Day of February, 2012



01/2009/ 054

*Abhishek Sharma*  
कुलसचिव  
Registrar

*Nishi...*  
कुलपति  
Vice-Chancellor



# University of Gauhati

GU-F-A 0123698



**Doctor of Philosophy(Ph.D), 2020**

*This is to certify that*

*Queen Deba*

*(Registration No 013397 of 2008-09 )  
has been awarded the degree of Doctor of  
Philosophy(Ph. D) by this University in the Faculty of  
Arts(Psychology) in the year 2020 for his/her thesis  
- Parenting Stress Anxiety Depression and Social  
Adjustment Among Parents of Children with  
Disabilities.*

**Gopinath Bardoloi Nagar**  
Guwahati - 781014 (Assam)

*P. J. Handjwa*  
Vice Chancellor



# University of Gauhati

GU-F-A 0126257



**Doctor of Philosophy(Ph.D), 2020**

*This is to certify that*

*Tahera Hoque Mozumdar*

*(Registration No 84160 of 2011-12 )  
has been awarded the degree of Doctor of  
Philosophy (Ph. D) by this University in the Faculty of  
Arts ( Psychology ) in the year 2020 for his/her  
thesis - Family Environment, Perceived Loneliness and  
Adjustment among Adolescents in Relation to Gender  
and Religion.*

*P. J. Handique*  
Vice Chancellor





# तेजपुर विश्वविद्यालय

अनुश्री बरुवा  
को

शैक्षिक सत्र XXXX में विश्वविद्यालय के संविधियों तथा अध्यादेशों में विनिर्दिष्ट सभी आवश्यकताओं को सफलतापूर्वक पूर्ण करने के उपरान्त भारतीय गणराज्य के तेजपुर, असम स्थित विश्वविद्यालय की मुद्रा के अधीन इसके सभी सुविधाओं और आबंधों के साथ

पर्यावरण विज्ञान

में

डॉक्टर ऑफ फिलोसॉफी

की उपाधि दिनांक 21 दिसंबर, 2017 को प्रदान करता है।

## Tezpur University

confers upon

**ANUSHREE BARUAH**

the degree of

**Doctor of Philosophy**

in

**Environmental Science**

for his/her thesis

**Mitigation of Nitrous Oxide Emission from Rice-Wheat Ecosystems of Assam  
with Reference to Soil Management**

with all its privileges and obligations


on having successfully completed all the requirements in the academic session XXXX as specified in the statutes and Ordinances of the University.

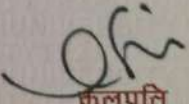
Given under the seal of the University at Tezpur, Assam in the

Republic of India on the 21st day of DECEMBER, 2017.



01/2015/107

  
कुलसचिव  
Registrar

  
कुलपति  
Vice-Chancellor



S6D000160



# Jadaupur University

*Certified that*

**Sri Bipankar Buragohain**

*was admitted to the Degree of Doctor of Philosophy in Science of this University on 30.11.2022 and that the degree was conferred on him/her at the Convocation held in December 2022 with all the Rights and Privileges thereto appertaining.*

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



JADAVPUR UNIVERSITY  
The 24th December, 2022



*Sumanjan Das*  
Vice-Chancellor



No. AU/OC/22/

01134

# Assam University : Silchar



SILCHAR : ASSAM : INDIA

(A Central University Constituted By an Act of Parliament)

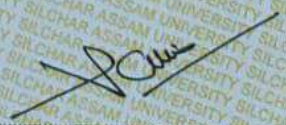
## Provisional Certificate

### Doctor of Philosophy

This is to certify that ISHITA CHAKRABORTY  
Registration Number 22-150083119 of 2015-2016  
of Computer Science Department Under  
Albert Einstein School Physical Sciences has been  
qualified for the Degree of Doctor of Philosophy of this  
University on 21.03.2023

Silchar, Assam (India)

Date 24.05.2023

  
Controller of Examinations

- The Degree is awarded in accordance with the UGC Regulations-2009 for Ph.D / M.Phil
- The Original Certificate shall be issued after convocation.



No. AU/OC/22/ 09155

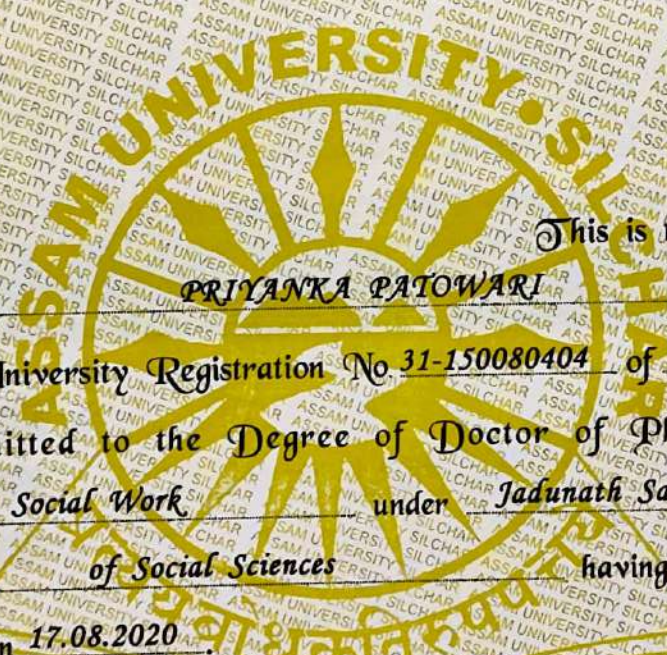
# Assam University, Silchar



SILCHAR, ASSAM, INDIA

(A Central University Constituted By an Act of Parliament)

DOCTOR OF PHILOSOPHY



This is to certify that

PRIYANKA PATOWARI

bearing University Registration No 31-150080404 of 2015-2016

was admitted to the Degree of Doctor of Philosophy in  
Social Work under Jadunath Sarkar School

of Social Sciences having qualified for

the same on 17.08.2020

The Degree is conferred in the 19<sup>th</sup> Convocation of the University  
held on 5<sup>th</sup> May, 2022

Given under the seal of Assam University this 5<sup>th</sup> day of May  
2022

Silchar, Assam (India)

  
Vice Chancellor

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



No. 1704074

# DIBRUGARH UNIVERSITY



*This is to certify that  
Debajit Borah  
of the Centre for Biotechnology and Bioinformatics has fulfilled the requirements  
for the Degree of Doctor of Philosophy in Biotechnology in the year 2017.*

*The Degree of Doctor of Philosophy is hereby conferred on him/her.*

*Issued under the Seal of the University  
in the Republic of India.*

Dibrugarh, Assam,  
The 15 MAR 2018

*A. L. Anagohain.*  
Vice-Chancellor



# राष्ट्रीय प्रौद्योगिकी संस्थान सिलचर

अभिषद की अनुशंसा पर

शेहनाज अरा रहमान

पंजीकरण संख्या १५-३-०१-१११

को

कृत्रिम तंत्रिका नेटवर्क का उपयोग करते हुए जलोढ नदियों में तलछट परिवहन की मॉडलिंग

में

अनुसंधान कार्य की मान्यता पर

**विद्या-वाचस्पति**

की उपाधि प्रदान करता है।

भारतीय गणराज्य के अंतर्गत सिलचर में आज ४ नवंबर २०२२ को संस्थान की

यह मुद्रा अंकित उपाधि दी गई।



**National Institute of Technology Silchar**

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

**Doctor of Philosophy**

on

**Shehnaz Ara Rahman**

Registration No. 15-3-01-111

in recognition of the research work on

***Modelling of Sediment Transport in Alluvial Rivers Using Artificial Neural Network***

This certificate is issued this day, the 4th of November 2022, under the seal of the Institute at Silchar in the Republic of India

निदेशक एवं अध्यक्ष, विद्या परिषद  
Director and Chairman, Senate

कुलिसचिव  
Registrar

अध्यक्ष, शासी मंडल  
Chairperson, Board of Governors



# ASSAM SCIENCE AND TECHNOLOGY UNIVERSITY

(A State University of Government of Assam constituted by "Assam Science and Technology University Act, 2009")  
Tetelia Road, Near AEC Campus, Jalukbari, Guwahati- 13, Assam, India



## Ph.D. PROVISIONAL CERTIFICATE

*This is to certify that,*

**BAPAN KALITA**

*has qualified for the award of the Degree of*

**DOCTOR OF PHILOSOPHY**

*of this University bearing Reg. No.*

**291315417**

*in*

**Mathematics**

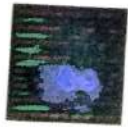
*with CGPA of* **8.25**

*on* **July** *after having completed the requirements prescribed for the award of the Degree.*

*Thesis Title :*

**A stochastic approach to mathematical modelling of Japanese Encephalitis and Impact of some control measures.**

  
18/12/2021  
**Controller of Examinations (1/C)**

  
**Issued On : 18.12.2021**

  
**Registrar**

**Valid upto next Convocation**



# North-Eastern Hill University पूर्वात्तर पर्वतीय विश्वविद्यालय



DOCTOR OF PHILOSOPHY

डॉक्टर ऑफ फिलासफी

*This is to certify that*

**ANNESHA BORAH**

*has been admitted to the Degree of DOCTOR OF PHILOSOPHY in  
this University in GEOGRAPHY under the School of  
HUMAN AND ENVIRONMENTAL SCIENCES  
in the year 2021*

*प्रमाणित किया जाता है कि*

**ANNESHA BORAH**

*को इस विश्वविद्यालय के मानव एवं पर्यावरणी विज्ञान संकाय के अंतर्गत भूगोल  
विषय में डॉक्टर ऑफ फिलासफी की उपाधि वर्ष 2021 में प्रदान की गयी ।*

*Given under the seal of the University.*

*विश्वविद्यालय की मुहर के अंतर्गत प्रदत्त*

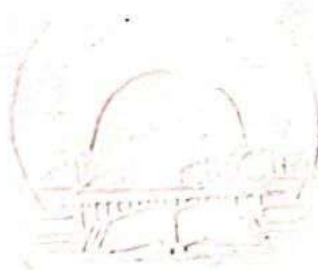
Serial No. / कम संख्या 4

Registration No./ पंजीकरण संख्या 2438 of 09.01.2015

Shillong / शिलांग

Date / दिनांक 22<sup>nd</sup> November 2021

  
Vice – Chancellor  
कुलपति







GU-F-A 0134291

# University of Gauhati



**Doctor of Philosophy(Ph.D), 2021**

*This is to certify that*

*Manatee Paul*

*(Registration No 012566 of 2007-08 )  
has been awarded the degree of Doctor of  
Philosophy (Ph. D) by this University in the Faculty of  
Science (Botany) in the year 2021 for his/her thesis  
- Nutritional Studies on Ethnomycologically Important  
Macrofungi of Assam.*

**Gopinath Bardoloi Nagar**  
Guwahati - 781014 (Assam)

*P. J. Handique*  
**Vice Chancellor**



Serial No. : C25/16/43458

Register No. : PHD 1255

0032

# Pondicherry University



*The Vice-Chancellor and the Executive Council of the Pondicherry University, on the recommendations of the duly appointed Board of Examiners, hereby declare that*

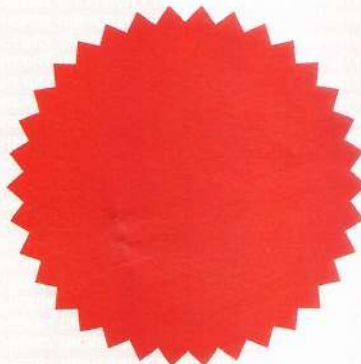
**JWMWISHREE BORO**

*has been admitted to the Degree of*

**DOCTOR OF PHILOSOPHY**

*in Applied Psychology for the thesis entitled "Perceived Stress, Optimism, Self-Concept and Mental Health among Adolescent Students" in February 2018.*

*Given under the Seal of the University*



*Registrar*  
Registrar

Puducherry  
Date 17 MAR 2018

*Vice-Chancellor*  
Vice-Chancellor



# University of Gauhati

GU-P-A 011859



## Doctor of Philosophy(Ph.D.), 2020 (Provisional Certificate)

*This is to certify that*

*Stuti Goswami*

*(Registration No 002261 of 2004-05 )  
qualified for the Degree of Doctor of Philosophy  
(Ph. D.) of this University in the faculty of Arts  
(English) in the year 2020 for his/her thesis -  
Jyotiprasad Agarwala's Contribution to the  
Culture of Assamese Modernity with Particular  
Reference to his Plays.*

**Gopinath Bardoloi Nagar**  
Guwahati - 781014 (Assam)

  
**Registrar**





# तेजपुर विश्वविद्यालय

बिमलेंदु कलिता  
को

शैक्षिक सत्र **XXXX** में विश्वविद्यालय के संविधियों तथा अध्यादेशों में विनिर्दिष्ट सभी आवश्यकताओं को सफलतापूर्वक पूर्ण करने के उपरांत भारतीय गणराज्य के तेजपुर, असम स्थित विश्वविद्यालय की मुद्रा के अधीन इसके सभी सुविधाओं और आबंधों के साथ

गणित विज्ञान

में

डॉक्टर ऑफ फिलोसॉफी  
की उपाधि दिनांक **20 नवंबर 2014** को प्रदान करता है।

## Tezpur University

confers upon

**BIMALENDU KALITA**

the degree of

Doctor of Philosophy

in

**MATHEMATICAL SCIENCES**

for his/her thesis

**Perturbation of Weighted Shift Operators.**

with all its privileges and obligations  
on having successfully completed all the requirements in the academic  
session **XXXX** as specified in the statutes and Ordinances of the University.

Given under the seal of the University at Tezpur, Assam in the  
Republic of India on the **20th** day of **November, 2014.**



01/2014/034

  
कुलसचिव  
Registrar

  
कुलपति  
Vice-Chancellor