

# University of Gauhati

GU-F-A 012205



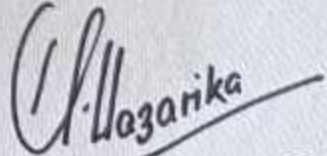
**Doctor of Philosophy(Ph.D) 2003**

*This is to certify that*

*Babul Ch. Sarma*

*(Registration No 026223 of 1977-78 )  
has been awarded the degree of Doctor of  
Philosophy (Ph.D) by this University in the Faculty of  
Science/Chemistry in the year 2003 for his/her thesis  
in Drinking Water Chemistry in Goalpara District,  
Assam, India*

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

  
Vice Chancellor

# University of Gauhati



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

No. 27

*This is to certify that*

*..... Bijoy Barman.....*

*(Registration No .....0387117..... of ...1991.....92.....)*

*qualified for the Degree of Doctor of Philosophy*

*(Ph. D.) of this University in the faculty of Technology*

*(Instrumentation & IIT) in the year.....2014..... for his/her*

*thesis "Synthesis and Characterization of Nanocrystalline InSb...*

*Thin Films and Quantum Dots by Chemical Process".....*

Gopinath Bardoloi Nagar  
Guwahati - 781 014 (Assam) : India

The 22<sup>nd</sup> May 2014  
Ph.D. (PYS-2014/D-0712/500/5-14)

  
Registrar  
03/05/14

# University of Gauhati



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

No. 8

*This is to certify that*

*Dasarath Chandra Nath*

*(Registration No ... 025540... of ... 1976-77...)*

*qualified for the Degree of Doctor of Philosophy  
(Ph. D.) of this University in the faculty of ..Science..*

*... (Botany)..... in the year..... 2014..... for his/her*

*thesis Effect of Pesticide on the Occurrence and Distribution  
of Blue Green Algae in the Rice Fields of Dhubri District Assam.*

Gopinath Bardoloi Nagar  
Guwahati - 781 014 (Assam) : India

The 22nd May, 2014,  
Ph.D. (P)/S-2014/D-9712/500/5-14

  
Registrar

Certificate Written by.....  
Particulars checked by.....  
Particulars compared by.....  
Endorsed by (Supdt).....

*(Signature)* 22/5/14 27/6/14

*(Signature)* 2/6/14

*(Signature)* 3/6/14

# University of Gauhati



Doctor of Philosophy ( Ph.D. )  
Provisional Certificate

*This is to certify that*  
*Shri/Smti Rajesh Tiwari*  
*(Registration No. 001960 of 2005-06)*  
*qualified for the Degree of Doctor of Philosophy of*  
*this University in the faculty of Arts (English)*  
*in the year 2010 for his/her thesis Women*  
*in Arnold Wesker's plays with special reference to*  
*his Six One-Woman plays.*

Gopinath Bardoloi Nagar  
Guwahati-781014 (Assam)

Nº 000434

The 24th Nov. 2010.

Registrar

# University of Gauhati

GU-F-A 0084500



Doctor of Philosophy(Ph.D), 2019

*This is to certify that*

*Dhiren Sarmah*

*(Registration No 031256 of 1979-80 )  
has been awarded the degree of Doctor of  
Philosophy(Ph.D) by this University in the Faculty of  
Fine Arts ( Folklore Research ) in the year 2019 for  
his/her thesis - Goalpariya Samaj Juwanat  
Krishikendruk Achar-Utsav - Ek Lokasanskritik  
Adhyayan.*

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

*P. J. Handique*  
Vice Chancellor

# Bauhati University

Doctor of Philosophy (Ph.D.)

PROVISIONAL CERTIFICATE

N<sup>o</sup> 000385

This is to certify that

Shri/Smt. Sharna Sagar

(Registration No. 039990 of 1980-81) qualified

for the Degree of **Doctor of Philosophy** of this

University in the faculty of Science (Physics)

in the year 2006 for his/her thesis Role of Dust

Particles on the Equilibrium and Transport

Properties of Plasma.

Gopinath Bardoloi Nagar  
GUWAHATI-14, (ASSAM)

The Rt. Princ. 2006...  
Ph.D. (P)/S-2000/00001-000500/30.5.2000



*[Signature]*  
REGISTRAR



# University of Gauhati

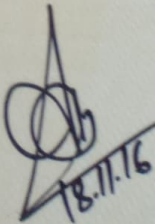
GU-P-A 003901



Doctor of Philosophy(Ph.D.), 2016  
(Provisional Certificate)

*This is to certify that  
Gahin Chandra Das  
(Registration No 029300 of 1990-91 )  
qualified for the Degree of Doctor of Philosophy  
(Ph. D.) of this University in the faculty of Arts/  
Linguistics in the year 2016 for his/her thesis On  
The Notion of Subject with Reference to  
Assamese : A Descriptive Study.*

Gopinath Bardoloi Nagar  
Guwahati - 781014 (Assam)



18.11.16

Registrar



# University of Gauhati



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

No. 146

*This is to certify that*

*Shri/Smti ..... Hitesh Das.....*

*(Registration No.....023802..... of ..2001..02...)*

*qualified for the Degree of Doctor of Philosophy of this*

*University in the faculty of ..Science.. (Zoology).....*

*in the year .....2013..... for his/her thesis "Ecology of..*

*Panglodia..River of..Assam with special reference to..*

*its..Fisheries".....*

Gopinath Bardoloi Nagar  
Guwahati - 781 014, Assam : India

The 28th Dec. 2013  
Ph.D.(P)/S-2012/D-9074/200/12-12

  
Registrar

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

PROVISIONAL CERTIFICATE

N<sup>o</sup> 000262

This is to certify that  
Shri/ Shri<sup>ms</sup> Jagat Chandra Kalita  
(Registration No. 008746 of 1980-81) qualified  
for the Degree of Doctor of Philosophy of this  
University in the faculty of Arts (Linguistics)  
in the year 2004 for his/her thesis  
"Nouns and Nominalisations in Assamese -  
A Micro Linguistics Study."

Gopinath Bardoloi Nagar  
GUWAHATI-14, (ASSAM)

The 30<sup>th</sup> June, 2004.  
Ph.D.(P)/S 2060/000001-000500/30.5.2000



*M. B.*  
REGISTRAR

No. 1811023

# DIBRUGARH UNIVERSITY



*This is to certify that  
Mitali Chetia  
of the Department of Chemistry has fulfilled the requirements for the Degree  
of Doctor of Philosophy in Chemistry in the year 2018.*

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

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

Dibrugarh, Assam,  
The **18 MAR 2019**

*Bamuli*  
Vice-Chancellor

# University of Gauhati



Doctor of Philosophy ( Ph.D. )  
Provisional Certificate

*This is to certify that*

*Shri/Smti. Md. Nur Rahman Bhuyan*

*(Registration No. 024517 of 1980-81)*

*qualified for the Degree of Doctor of Philosophy of  
this University in the faculty of Arts (Pol. Science)*

*in the year 2008 for his/her thesis Living*

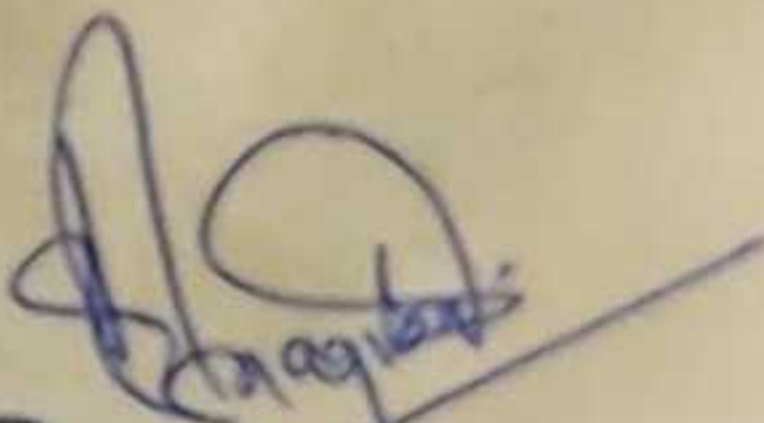
*at the Periphery: A Study of Muslims*

*of Takimari River Island near India-Bangla-  
desh Border.*

Gopinath Bardoloi Nagar  
Guwahati-781014 (Assam)

The 19th June 08

Nº 000118

  
Registrar

# University of Gauhati

GU-P-A 027743



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

*This is to certify that*  
*Nabajit Marumdar*  
*(Registration No 035593 of 2006-07)*  
*qualified for the Degree of Doctor of Philosophy*  
*(Ph.D.) of this University in the faculty of Arts*  
*(Assamese) in the year 2018 for his/her thesis -*  
*Birendar Kumar Bhattacharyya Upanayasat*  
*Loka-Sanskritik Samal : Eti Bisheshanatmak*  
*Adhyayan.*

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

  
**Registrar**

# University of Gauhati



Doctor of Philosophy ( Ph.D. )  
Provisional Certificate

This is to certify that  
Shri/Smti Pori Devi

(Registration No. 034346 of 1994-95)  
qualified for the Degree of Doctor of Philosophy of  
this University in the faculty of Science (Zoology)  
in the year 2010 for his/her thesis "A Study  
on Toxicological Impact of Endosulfan (Endosel)  
on some Target Organs in *Channa Punctatus* (Bloch)"

Gopinath Bardoloi Nagar  
Guwahati-781014 (Assam)

The 7th Dec. 2010.

Nº 000446

Registrar

Ph.D.(P)/S.2000/000001-000500/30-5-2000



**GAUHATI UNIVERSITY**  
**GUWAHATI - 781014**  
**(AWARD OF DEGREE OF DOCTOR OF PHILOSOPHY)**

The under mentioned candidates are declared to have qualified for the award of Degree of Doctor of Philosophy (Ph.D.) as per Vice-Chancellor's approval dated 01.02.2019. The degree will be conferred to them at the next Convocation of the University

Sl. No.	File No.	Faculty	Department	Name & Address with Registration number	Guide (s)	Topic	Course Work	External Examiner (1)	External Examiner (2)
1	6186	Arts	Sociology	<b>Emon Bordoloi</b> Asstt. Prof. R. No. 00075 of 2008-2009	Prof. Akhil Ranjan Dutta Gauhati University	State Juvenile justice and Delinquency: A Case Study in Assam.	Done	Prof. Samir K. Das, Calcutta University	Prof. Navaneeta Rath, Utkal University.
2	6250	Arts	Folklore Research	<b>Dhiren Sarmah</b> Associate Prof. Abhayapuri College R. No. 031256 of 1979-80	Dr. Paramananda Mazumdar, Pragjyotish College.	Goalpariya Samaj Jiwanat Krishikendrik Achar-Utsav: Ek Lokasanskritik Adhyayan.	Done	Dr. Irom Gambhir Singh, Manipur University	Prof. Dipak Kr. Ray, Raiganj University
3	6015	Arts	Assamese	<b>Bhaswati Mazumdar</b> Research Scholar R. No. 018400 of 2001-2002	Dr. Ram Chandra Deka, Sipajhar College	Adhunik Asomiya Natak Aru Ali Haidar.	Done	Prof. Kailash Pattanaik, Bisha Bharati University	Prof. Naba Kr. Handique, Dibrugarh University
4	6182	Arts	Political Science	<b>Bidisha Bora</b> Asstt. Prof. R. G. Baruah College R. No. 082876 of 2011-2012	Prof. Akhil Ranjan Dutta Gauhati University	Gender- Based violence and State Responses. A study of Right to Justics Under Protection of Women from Domestic Violence Act, 2005 in Kamrup (Metro) District, Assam	Done	Prof. Chandrika Basu Mazumdar, Tripura University	Dr. Padmalaya Mahapatra, Utkal University
5	5913	Arts	MIL & LS	<b>Himasri Kalita</b> Research Scholar R. No. 009439 of 2004-05	Dr. Loopa Baruah, Gauhati University	Shilabhadra aru Munci Premchandar Cutigalpa: Ek Tulanamulak Adhyayan.	Done	Dr. Jayanta Kr. Borah, Dibrugarh University	Dr. Rabindranath Sarma, Central University of Jharkhand.
6	6034	Arts	Bengali	<b>Rajib Kr. Saha</b> Asstt. Prof. Kokrajhar Govt. College, R. No. 011433 of 2000-2001	Dr. Prasanta Chakraborty, Cotton University.	The Naxalite Movements of Late 1960's and its Effect on Mahasveta Devi's Writings: An Analytical Study.	Not Applicable	Prof. Jayanti Chattopadhyay, Delhi University.	Prof. Tapodhir Bhattacharjee, Assam University
7	5286	Arts	Political Science	<b>Dipankar Barman</b> Asstt. Prof. Bapujee College R. No. 019557 of 2000-2001	Dr. Dhruva Pratim Sharma, Gauhati University	Ideology, Culture and Societh: A Study of Ideological Expressions in the Lyrical Compositions of Bhupen Hazarika	Done	Prof. Samir Kumar Das, University of Calcutta.	Prof. Alpana Borgohain, Dibrugarh University.

8	6240	Arts	Library & Information Science	<b>Md. Abdul Zailil, Librarian</b> R. No. 016048 of 1990-91	Dr. Sanjay kumar Singh, Gauhati University.	Perception and Satisfaction level of Open Access Journals in University Libraries of Assam: A Study.	Done	Dr. S. K. Das, Jadavpur University	Prof. C. Sasikala, Andhra University
9	5633	Arts	Folklore Research	<b>Dhanada Kakati Asstt. Prof.</b> R. No. 008327 of 1994-95	Dr. Anil Boro, Gauhati University.	Religious Beliefs and Practices of the Tiwas of Assam: A Study.	Done	Prof. Streamlet Dkhar, NEHU	Dr. Sujay Kumar Mandal Kalyani University
10	6246	Commerce	Commerce	<b>Joyjit Sanyal Asstt. Prof. Assam University</b> R. No. 019445 of 2008-09	Dr. Sujit Sikidar, Gauhati University	Labour Welfare and Social Security Measures: A Study over Select Central Public Sector Enterprises (CPSEs) in Assam.	Done	Prof. Sudipti Banerjea, University of Calcutta	Prof. NVR. Jyoti Kumar, Mizoram University
11	6239	Commerce	Commerce	<b>Parinita Saikia Research Scholar</b> R. No. 005874 of 2001-2002	Dr. Balin Hazarika, Kaliabor College	Role of Micro Enterprises in Economic Development of Assam: With Special Reference to Kamrup District.	Done	Prof. K. Rama Mohan Rao, Andhra University	Prof. S. S. Khanka, Delhi Technological University
12	6045	Engineering	Electrical	<b>Brajesh Mohan Gupta Asstt. Prof.</b> R. No. 1051 of 2013-2014	Dr. Durlav Hazarika, AEC	Identification of Voltage Stability Condition of a Power System Using Bus Measurements.	Done	Dr. D. P. Kothare, Ex-Director, IIT, Delhi	Dr. Saradindu Ghosh, NIT, Durgapur.
13	6163	Fine Arts	Folklore Research	<b>Ajwli Basumatary Reserch Scholar</b> R. No. 019513 of 2001-2002	Dr. Bphen Narzaree, Gauhati University	Traditional Health Care Methods Among the Bodo Society: A Descriptive Study.	Done	Prof. Tapan Kr. Biswas, Kalyani University	Prof. S. K. Dutta, Tezpur University
14	6152	Law	Law	<b>Goutam Baruah Sr. Asstt. Office of the Director General of Police</b> R. No. 003267 of 1998-99	Dr. Bhupesh Malla Buzarbaruah, Principal BRM Govt. Law College.	An Analytical Study of the Crimes committed Through Information Technology in the field of Copyright in India with special Reference to Guwahati City.	Done	Prof. S. Siva Kumary, Indian Law Institute, New Delhi	Prof. Jayadev Pati, Patara Sahi Cuttack.
15	6202	Science	Chemistry	<b>Tonkeswar Das, Technical Assistant, CSIR-NEIST, Jorhat, R. No. 082325 of 2014-15</b>	Dr. Binoy Kumar Saikia, CSIR-NEIST, Jorhat	Synthesis and Application of Value-Added Products derived from Low-Quality Coals.	Done	Dr. Ashim Jyoti Thakur, Tezpur University	Prof. R. Venugopal, IIT Dhanbad
16	6178	Science	Zoology	<b>Jaydev Mandal Research Scholar</b> R. No. 041520 of 2006-2007	Prof. Prasanta Kumar Saikia, Gauhati University.	Studies on the Behavioural Ecology of Greater Adjutant <i>Leptoptilos dubius</i> Gmelin with Special Reference to Breeding Behaviour.	Done	Dr. B. D. Joshi, Gurukul Kangri University	Dr. Hemanta K. Sahu, North Orissa University.
17	6122	Science	Physics	<b>Shakeel Zamal Associate Prof. Handique Girls College</b> R. No. 031166 of 1982-83	1. Prof. Kalyanee Boruah, Gauhati University 2. Prof. P. K. Boruah, Gauhati University	Studies on some Effects of Atmospheric Parameters on the Propagation of Secondary Cosmic Rays	Done	Dr. Animesh Maitra, Inst. of Radiophysics & Electronics, Kolkata	Dr. Varsha Chitnis, Tata Inst. of Fundamental Research, Mumbai
18	6184	Science	Geography	<b>Kuleswar Singha Research Scholar</b> R. No. 025899 of 2004-2005	Dr. Dhruvajyoti Sahariah, Gauhati University.	Shrinking Forest Frontiers: A Study of Changing Forest Landscape and Human-Forest Interface in Nagaon District, Assam.	not applicable	Dr. Ramkrishna Maiti, Vidyasagar University	Prof. V. C. Jha, Visva-Bharati University
19	6154	Science	Geography	<b>Priti Gogoi Research Scholar</b> R. No. 84770 of 2011-2012	Dr. Narayan Chetry, Cotton University	Drainage Problem in Jorhat Urban Environment.	Done	Dr. B. S. Mipun, NEHU	Dr. Ramkrishna Maiti, Vidyasagar University



20	6288	Science	Botany	<b>Ratul Kumar Nath Research Scholar R.No. 022537 of 2000-2001</b>	Dr. Tarun Chandra Sarma, Gauhati University.	Studies on Wood Decaying Basidiomycetes of Nagaon District, Assam	Done	Dr. Ranjit Nath Bhattacharjee, Cotton University	Prof. Niranjan Behera, Sambalpur University.
21	6093	Science	Geography	<b>Tarali Devi Research Scholar R. No. 035312 of 1997-98</b>	Dr. Pradip Shama, Cotton University	Fluvio-Geomorphic Characteristics and Geo-Environmental Status of Bashistha and Bahini Bharalu River Basins in Assam and Meghalaya.	Done	Dr. D. K. Nayak, NEHU	Prof. R. B. Singh, university of Delhi
22	6146	Technology	Biotechnology	<b>Afruza Zaman Reserch Scholar R. No. 002350 of 2004-2005</b>	1. Dr. Tanoy Bandyopadhyay, Toklai Tea Research Institute. 2. Prof. M. C. Kalita Gauhati University	Trasformation of <i>E. Coli</i> Through Manipulation of <i>DFR</i> and <i>LAR</i> Genes for Enhanced Production of Catechins.	Done	Prof. S. K. Panda, Assam University, Silchar	Dr. Akshay Talukdar, IARI, New Delhi.
23	5944	Technology	Bioengineering & Technology	<b>Yogesh Babasaheb Chaudhari Research Scholar R. No. 2862 of 2012-2013</b>	1. Dr. M. R. Khan, IASST 2. Dr. M. C. Kalita, Gauhati University	Isolation and Characterization of Cellulolytic Microbes and their Genes from Soils of North-East India	Done	Dr. Lata Nain, Indian Agricultural Research Institute	Prof. B. K. Konwar, Tezpur University.
24	6115	Technology	Bioengineering & Technology	<b>Karishma Kashyap Research Scholar R. No. 093001 of 2013-14</b>	1. Dr. Sofia Banu, Gauhati University 2. Dr. Nirala Ramchiary, JNU.	Molecular and Biochemical Insight into Khasi Mandarin Citrus Reticulata Blanco), Fruit Development and Ripening: Understanding the Factors Associated with Fruit Development.	Done	Prof. Lingaraj Sahoo, IIT, Guwahati	Dr. R. N. Sharma, Assam Agricultural University.

*Ype*

/ Ph.D./Award/2019/438-463

Date: 01-02-2019

ded for information:

- 1 of all Indian Universities.
- 2 sion, Bahadur Shah Zafar Marg, New Delhi-110002
- 3 e Commission, Khanapara Guwahati- 781022
- 4 .S.R., 25, Firoz Shah Road, New Delhi-110001.
- 5 of Education, Assam Sachivalaya, Dispur, Guwahati-6
- 6 tion , Assam Kahilipara, Guwahati -19
- 7 `Executive Council, GU.
- 8 University Classes, GU.
- 9 Universities , AIU, House, New Delhi-110002
- 10 Engineering / Medical/Technology/Fine Arts/Management, GU.
- 11 -3, for broadcasting as “News Item” in the local news.
- 12 he Editor:am Tribune, Guwahati-3
  2. The Dainik Asom, Guwahati-3
  3. The Sentinel, Guwahati-5

ove results as “News Item” in the next issue of those papers.

- 13 request to telecast the above results as regional news of this evening .
- 14 ides/ Co-Guides.
- 15 didates concerned
- 16 aminers of Ph.D. Thesis.
- 17 Rector, G.U.
- 18 Registrar, GU.
- 19 ance officer, GU.
- 20 the Vice-Chancellor, GU
- 21 ary to Registrar. GU
- 22 ing/Certificate Branch, GU.
- 23 itatistician, GU
- 24 ublication Department, G.U.
- 25 ecretary, U.C., GU.



**Academic Registrar  
Gauhati University**

# University of Gauhati

GU-P-A 040708



**Doctor of Philosophy(Ph.D.), 2019**  
**(Provisional Certificate)**

*This is to certify that*  
*Abdul Awal Paramanik*  
*(Registration No 026389 of 2008-09 )*  
*qualified for the Degree of Doctor of Philosophy*  
*(Ph.D.) of this University in the faculty of Arts*  
*(Arabic) in the year 2019 for his/her thesis - A*  
*Study on the Works of Tawfiq Al-Hakim With*  
*Special Reference to Ahl Al-Kahf and*  
*Shahrazad.*

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

*24.7.19*  
**Registrar**

# University of Gauhati



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

15

*This is to certify that*

*Shri/Smti ..... Ashoke Kumar Das.....*

*(Registration No.....028095..... of ..1994-95...)*

*Qualified for the Degree of Doctor of Philosophy of this*

*University in the faculty of ..Science.. (Botany).....*

*in the year .....2011..... for his/her thesis .....*

*"Taxonomical Studies on Blue Green Algae of ..*

*Bongaigaon District, Assam:....."*

Gopinath Bardoloi Nagar  
Guwahati - 781 014 (Assam)

The 15th June 2011  
Ph.D(P)/S:2010/D-7993/500/10-10

No \_\_\_\_\_

Registrar



136121029

# भारतीय प्रौद्योगिकी संस्थान गुवाहाटी

विद्या परिषद की अनुशंसा पर

भौतिक विज्ञान में

विद्या वाचस्पति की उपाधि

## सांतनु कोवॅर

को इस उपाधि के प्रदान हेतु विनियम विहित अपेक्षाएँ नवंबर 2019 में सफलतापूर्वक पूर्ण करने पर प्रदान करता है।

भारतीय गणराज्य के अंतर्गत गुवाहाटी में आज 22 सितंबर 2020 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

**Santanu Konwar**

who has successfully completed in November 2019, 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 22<sup>nd</sup> day of September, 2020.

**Thesis Title :** Performance enhancement in a modal wavefront sensor and its application to free space optical communication

निदेशक एवं  
अध्यक्ष, विद्या परिषद  
Director and  
Chairman, Senate

कुलसचिव  
Registrar

अध्यक्ष,  
शासी मंडल  
Chairman,  
Board of Governors

# University of Gauhati



Doctor of Philosophy ( Ph.D. )  
Provisional Certificate

*This is to certify that*

*Shri/Smti Subrata Sarkar*

*(Registration No. 030393 of 1992-93)*

*qualified for the Degree of Doctor of Philosophy of  
this University in the faculty of Science (Botany)  
in the year 2007 for his/her thesis Traditional  
use of Medicinal Plants by Muslims of  
Barpeta and Bongaigaon Districts of Lower  
Assam.*

Gopinath Bardoloi Nagar  
Guwahati-781014 (Assam)

*The 15<sup>th</sup> Feb. 08*

Ph. D. (P) IS. 2000/000001-000500/10-5-2000

Nº 000074

*D*  
Registrar