



Indian Institute of Technology, Madras

hereby confers the degree of

Doctor of Philosophy

of the Institute

on

ARDHENDUMOULI MOHANTY

*for successfully completing the prescribed programme of study and
presenting the thesis entitled*

**STUDY OF SILICON, MANGANESE REACTIONS AND
OXYGEN CONTENT IN SUBMERGED ARC WELDING
USING FUSED FLUXES**

*Given this day the Ninth of August 1991
under the seal of the Institute.*



V. Yam.
Registrar

D. S. Renukashan
Chairman Board of Governors

S. No. : 101909

Notification No. : 218/P/2015

Enrolment No. EDS5/08/018



जवाहरलाल नेहरु विश्वविद्यालय
नई दिल्ली

Jawaharlal Nehru University
New Delhi

(CENTRE FOR DEVELOPMENT STUDIES)

Upon the recommendation of the Academic Council

hereby confers the Degree of

DOCTOR OF PHILOSOPHY

On *Bikhunandini Das*

who has successfully completed in the year 2015 the requirements prescribed under the Ordinance for the award of this degree.

Title of the Thesis:

"Diffusion of Information and Communication Technologies : Evidence from Indian Agriculture"

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

The 01 MAY 2015

Bikhunandini Das

[Signature]
Registrar

[Signature]





भारतीय प्रौद्योगिकी संस्थान गुवाहाटी

गुवाहाटी - 781 039, भारत

Indian Institute of Technology Guwahati

Guwahati - 781 039, India

Phone: +91-361-258 2192

Fax : +91-361-258 2090

+91-361-269 0762

email : acadoff@iitg.ernet.in

web : http://www.iitg.ernet.in/acad

ACADEMIC AFFAIRS

Ref.:Ph.D/CERT/Prov/07610307

Date : 27/08/2013

PROVISIONAL CERTIFICATE



This is to certify that Mr. Biswajit Nayak (Roll No. 07610307), Research Scholar in the Mechanical Engineering Department of this Institute, has successfully completed the Ph.D. programme of this Institute.

His thesis viva-voce examination was held on 23rd August 2013.

The title of his thesis is : DYNAMIC STABILITY OF MAGNETORHEOLOGICAL ELASTOMER BASED SANDWICH BEAMS.

It is also certified that, as per programme requirement, he also completed course work and comprehensive examination.

The thesis evaluation was done by a pool of examiners including external examiners from India and abroad.

Sunil Kumar Barua 27/08/13

(Sunil Kumar Barua)

Deputy Registrar

Academic Affairs

B

Deputy Registrar (Academic Affairs)
Indian Institute of Technology Guwahati
Guwahati-781039, INDIA

NOTE : The original degree certificate will be issued in the next convocation of the Institute likely to be held in May 2014.

The Board of Trustees of the

Asian Institute of Technology


On the Recommendation of the Council of Faculty Examiners
Has Conferred Upon

HARIBANDHU PANDA

The Degree of
Doctor of Philosophy

With all of its Privileges and Obligations

Given this Twenty-second day of August 1996


President of the Institute



Dr. Roger Binley
Academic Secretary

Bin Hong of Wee
Chairman of the Board

SL. NO. 02948

Registration No : 08/Economics-2007-08



02 July 2013

RAVENSHAW UNIVERSITY

CUTTACK

This is to certify that

Kshitish Kumar Khuntia

Who passed the examination for the degree of

Doctor of Philosophy in **Economics**

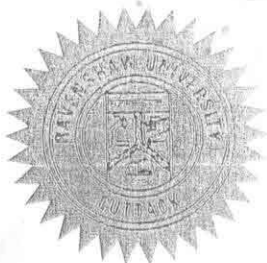
held in the month of April 2013,

has this day been admitted to the Ravenshaw University

Degree of

DOCTOR OF PHILOSOPHY

Vice-Chancellor



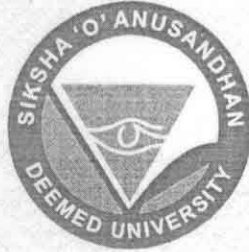
Personal File.

16/7/13

SIKSHA 'O' ANUSANDHAN UNIVERSITY

(A Deemed University declared U/S 3 of the UGC Act, 1956)

BHUBANESWAR, ODISHA



PROVISIONAL CERTIFICATE

MAHENDRA KUMAR RATH

Registration No : 1161018002

has successfully completed all the prescribed requirements and
possessed the degree proficiency for the award of degree

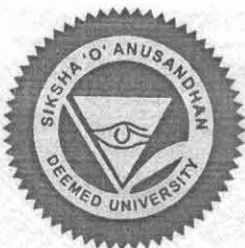
of

Doctor of Philosophy

in

Mechanical Engineering

in the year 2015



Date: 1.1.FEB.2015


CONTROLLER OF EXAMINATIONS

SL. NO. 06147

Registration No : 09/MGT-2007-08



23 August 2014

RAVENSHAW UNIVERSITY

CUTTACK

This is to certify that

Prasanta Kumar Mohanty

Who passed the examination for the degree of

Doctor of Philosophy in **Management**

held in the month of June 2014,

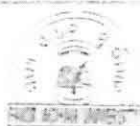
has this day been admitted to the Ravenshaw University

Degree of

DOCTOR OF PHILOSOPHY

Vice-Chancellor





Fakir Mohan University

XXXXXXXXXX

0172621

DIPLOMA FOR DOCTOR OF PHILOSOPHY (Ph.D.)

ବିଭୂଷଣ ଡକ୍ଟରାଟ୍ ପତ୍ର

This is to certify that

PRAMOD KUMAR PATJOSHI

୨୦୧୩ ମସିହା ମଇ ମାସରେ ପଢ଼ାବିତ୍

who passed the examination for the degree of

ସମ୍ମାନିତ ବିଭୂଷଣ ଡକ୍ଟରାଟ୍ ପତ୍ର ପ୍ରାପ୍ତ

DOCTOR OF PHILOSOPHY

ସମ୍ପର୍କରେ ପରୀକ୍ଷାରେ ଭଲ ଉତ୍ତର

in MANAGEMENT

ପ୍ରମୋଦ କୁମାର ପାଟ୍ଟନାୟକ

held in the month of MAY, 2013

ଅବନୀ ଶର୍ମା ଡକ୍ଟରାଟ୍ ପ୍ରଦାନ କରନ୍ତା

was this day admitted to the degree.

Fakir Mohan University
Vyasa Vihar, Balasore, Odisha

The 21st April, 2015

Vice-Chancellor



ପ୍ରମୋଦ କୁମାର ପାଟ୍ଟନାୟକ
ଡକ୍ଟରାଟ୍ ପ୍ରଦାନ କରନ୍ତା

ତା. ୨୧/୦୪/୨୦୧୫ ବି



National Institute of Technology Rourkela

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

Doctor of Philosophy

on

Ramesh Chandra Mohanty

who has successfully defended the thesis entitled
*“Damping of Layered and Jointed Beams
with Riveted Joints”*

and has fulfilled all other requirements
for the degree in the Department of
Mechanical Engineering

Given this day, under the seal of the Institute
at Rourkela in the Republic of India,
the 15th Day of January 2011.

Registrar

Director

Validity : 07.12.2013

No. Ph.D/2013/018

PROVISIONAL CERTIFICATE



**BIJU PATNAIK UNIVERSITY OF TECHNOLOGY, ORISSA
ROURKELA**

Certified that
Satyasis Mishra (06DS007033)
has successfully completed all prescribed requirements for the
award of the degree of

Doctor of Philosophy (Ph.D.)

in

Engineering

of the University.

The title of the thesis submitted :

**Advanced Signal Processing Techniques for Pattern
Recognition in Nonstationary Power Signals**

This certificate is issued this day, the May 08, 2013
with approval of the authorities.

Car... ..
8.5.2013

Director, Examinations

The Board of Trustees of the

Asian Institute of Technology

On the Recommendation of the Council of Faculty Examiners
Has Conferred Upon

SMITA MISHRA PANDA

The Degree of

Doctor of Philosophy

With all of its Privileges and Obligations

Given this Twelfth day of December 1996



Deepa Reddy
President of the Institute

B. K. Singh
Chairman of the Board



ROYAL MELBOURNE INSTITUTE OF TECHNOLOGY

This is to certify that

Supriya Pattanayak

was admitted to the Degree of

**Doctor
of
Philosophy**

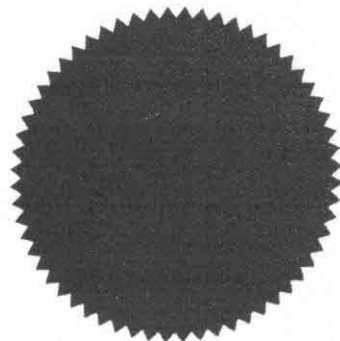
on the thirtieth day of September in the year 2008

RD Giblin

Chancellor
of the University

Margaret Gardner

Vice-Chancellor
of the University





Indian Institute of Technology

Kharagpur

Upon the recommendation of the Senate hereby confers the degree of

Doctor of Philosophy

in

ENGINEERING

Nidhi Meher

on _____
GIVEN this day under the seal of the Institute at Kharagpur in the Republic of India

The 8th March, 1988

*Title of thesis Simulation Analysis and Microprocessor-Based
State Feedback Control of A Current-Source Inverter
Induction Motor (CSI-IM) Drive*

Electrical Engineering

Registered in _____

H. C. J.

M. M.
Chairman

Head of Institute

BERHAMPUR UNIVERSITY

BHANJA BIHAR, BERHAMPUR-7, DIST : GANJAM (ORISSA)



PROVISIONAL CERTIFICATE

This is to certify that

ANITA PATRA

has been declared qualified for the award of
Ph. D. degree in BUSINESS ADMINISTRATION
of this university vide Berhampur University
notification no. 6399/BU/Exam.Conf. dated 12th Dec. 09.
Unit-II

TITLE OF THE THESIS : "Role of Self-Help Groups in the Socio-
Economic Development of the Rural
Women in Orissa: A Study".

[Signature]

16.12-09
CONTROLLER OF EXAMINATIONS,
BERHAMPUR UNIVERSITY

[Signature]
16.12.09

इंदिरा गांधी कृषि विश्वविद्यालय

INDIRA GANDHI KRISHI VISHWAVIDYALAYA

RAIPUR-492012 CHHATTISGARH (INDIA)



Certificate No- 2019202300112

अन्तः कालीन प्रमाण - पत्र

प्रमाणित किया जाता है कि

आशीर्बचन महापात्र

विश्वविद्यालय नामांकन संख्या

20151622637

ने

पी-एच.डी. (कृषि)

परीक्षा वर्ष

2019-20

में उत्तीर्ण कर 10.00 माप श्रेणी के अनुपात में

8.62

समग्र औसत श्रेणी बिन्दु प्राप्त की।

वे इस विश्वविद्यालय की

पी-एच.डी. (कृषि) शस्य विज्ञान

उपाधि के पात्र हैं।

Provisional Certificate

Certified that

ASHIRBACHAN MAHAPATRA

University enrollment No.

20151622637

has passed the

Ph.D in Agriculture

examination in the year

2019-20

and obtained an Overall Grade Point Average

8.62

out of 10.00 scale.

He/She is therefore, eligible for the award of

Ph.D in Agriculture Agronomy

degree of this Vishwavidyalaya.

रायपुर

Raipur

दिनांक

Date

08 DEC 2021


REGISTRAR

I.G. Krichi Vishwavidyalaya
Raipur (C.G.)

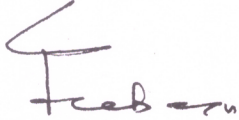
Visva-Bharati

This is to certify that

Sri Jagar Maitra

was admitted to the Degree of Doctor of
Philosophy in this University in the
year १९२०००

on presentation of a thesis entitled
“Effect of Growth Regulators and Intercropping
systems on Finger Millet Varieties”


Vice-Chancellor



December 15, 2001

Santiniketan _____, 19____

No. 3151

ODISHA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY
BHUBANESWAR - 751003



Admission No. OI.ABT./Ph.D./16

PROVISIONAL CERTIFICATE

This is to certify that

Debanjana Saha

having fulfilled the requirements for the degree of

Doctor of Philosophy

in Agriculture Science (Agricultural Biotechnology)

with an over-all grade point average of 8.46

(10 point scale) is declared to have passed the said examination

in the year 2022 and has been placed in the class.

UNIVERSITY OFFICE
BHUBANESWAR

Dated the 13th January, 2022

Dolluic
13.1.22-
Asst. Registrar (Acad.)
Assistant Registrar (Acad.)

Utkal University

No. 009336

UTKAL UNIVERSITY

DIPLOMA FOR DOCTOR OF PHILOSOPHY (Ph.D.)

This is to certify that
FAHIMA DILNAWAZ

Who passed the examination for the degree of,
DOCTOR OF PHILOSOPHY
in **BOTANY** held in the
month of **March** **2000** was this day
admitted to the degree.



UTKAL
UNIVERSITY
VANI VIHAR
BHUBANESWAR.

The **5th January, 2002**

Vice Chancellor

ଉତ୍କଳ ବିଶ୍ୱବିଦ୍ୟାଳୟ

ଦିକୃଷଣ ଉପାଧି ପତ୍ର

୨୦୦୦ ମସିହା ମାର୍ଚ୍ଚ ମାସରେ ଅନୁଷ୍ଠିତ
ବିଜ୍ଞାନ ବିଭାଗ
ଉପାଧି ପରୀକ୍ଷାରେ ଉତ୍ତୀର୍ଣ୍ଣ ବିଜ୍ଞାନ ଶ୍ରେଣୀରେ
ପଢ଼ିମା ଦିଲନାସୀତ
ଅନ୍ୟ ଏହି ଉପାଧି ପ୍ରଦତ୍ତ ହେଲା ।

ଉତ୍କଳ
ବିଶ୍ୱବିଦ୍ୟାଳୟ
ବାଣୀ ବିହାର
ଭୁବନେଶ୍ୱର

ତା ୦୫/୦୧/୨୦୦୨

ସ୍ୱତ୍ୱପତି

Fahima Dilnawaz



Utkal University

ଉତ୍କଳ ବିଶ୍ୱବିଦ୍ୟାଳୟ

DIPLOMA FOR DOCTOR OF PHILOSOPHY (Ph.D.)

ବିଭୂଷଣ ଉପାଧି ପତ୍ର

RANJAN KUMAR SAHOO

This is to certify that

who passed the Examination for the degree of

Doctor of Philosophy

in **Bio-Technology**

under the Faculty of

Science & Technology

November 2013

was this day admitted to the Degree.

held in the month of

୨୦୧୩ ମସିହା ନଭେମ୍ବର

ମାସରେ ଅନୁଷ୍ଠିତ

ବିଜ୍ଞାନ ଓ ପ୍ରଯୁକ୍ତି ବିଦ୍ୟା

ନୈବ ପ୍ରଯୁକ୍ତି

ରେ ଉତ୍ତୀର୍ଣ୍ଣ

ରଞ୍ଜନ କୁମାର ସାହୁ

ବିଭୂଷଣ ଉପାଧି ପରୀକ୍ଷାରେ

ସ୍ୱୀକୃତି ପ୍ରାପ୍ତ ହୋଇଛନ୍ତି ।

Vani Vihar, Bhubaneswar,
Odisha, India.

The 21st February 2015

Secretary
Utkal University

Ranjan Kumar Sahoo

Vice-Chancellor
Utkal University



SAMBALPUR UNIVERSITY

JYOTI VIHAR, DIST-SAMBALPUR (ODISHA)

www.suniv.ac.in

**DOCTOR OF PHILOSOPHY
PROVISIONAL CERTIFICATE**

This is to certify that **ABANIKANTA BHADRA**, bearing Regd. No. **404/2011/Env. Science** has passed the Examination for the degree in Doctor of Philosophy in **Environmental Science** under the faculty of **Science & Technology** held in the month of **20-07-2022** on the basis of the thesis entitled "**BIOGEOCHEMICAL BASIS OF PLANT DIVERSITY ON GANDHAMARDAN HILLS OF EASTERN GHAT IN ORISSA, INDIA**". This degree conforms to the provisions of UGC Regulations, 2009.

Date of Publication of Result : 3440/ EC-III, Dated:-21-07-2022

A handwritten signature in blue ink, appearing to read 'Rajendra'.

CONTROLLER OF EXAMINATIONS

Controller of Examinations
Sambalpur University

Abanikanta Bhadra

STUDIES ON THE FOLKLORE CLAIMS AND EVALUATION OF
SOME SELECTED PLANTS OF DHENKANAL DISTRICT
OF ODISHA, WIDELY USED AGAINST URINARY
TRACT INFECTIONS

Thesis Submitted to Utkal University

For the Degree of

DOCTOR OF PHILOSOPHY

IN

BOTANY

By

GYANRANJAN MAHALIK

Regd. No. 02-Botany, 2014-2015

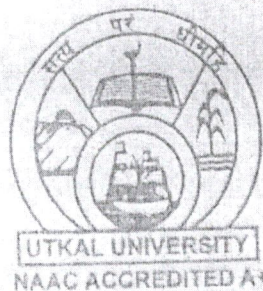
Under the Guidance of

Dr. Kunja Bihari Satapathy

Supervisor

Dr. Sabuj Sahoo

Co-Supervisor



POST GRADUATE DEPARTMENT OF BOTANY

UTKAL UNIVERSITY, VANI VIHAR

BHUBANESWAR-751004

ODISHA, INDIA

2018



15GHROY5859



Regn. No. : 1581611002

SIKSHA 'O' ANUSANDHAN

(Deemed to be University)

Bhubaneswar, Odisha, India.

Accredited by NAAC with 'A' Grade

upon recommendation of the Academic Council
hereby confers the degree of

Doctor of Philosophy

on

Jatindra Nath Mohanty

who has fulfilled the requirement for the degree as prescribed under
the regulations and successfully defended in July, 2019
the thesis entitled :

"Genomic approaches towards characterization of sex
linked genes in some important genera of Cucurbitaceae"

for the research conducted under the

**Centre for Biotechnology
(Department of Biotechnology)**

Given on this day, under the seal of the University
at Bhubaneswar, Odisha, India.



Date : 24th October, 2019

[Signature]
Vice Chancellor

Jatindra Nath Mohanty



Sl. No..... **776**
Token No. **250**
Dated..... **24.11.2020**

UTKAL UNIVERSITY
VANI VIHAR, BHUBANESWAR-751004

PROVISIONAL CERTIFICATE

This is to certify that ...*Kalita Bhatta*.....

Regd. No. *16 Bahmra - 2006-07* is declared
to be qualified for the award of Ph.D. /
D.Litt. / D.Sc. in *Bahmra*.....

..... Examination held in the
year *2020* from Utkal University,
Vani Vihar, Bhubaneswar.

[Signature]
01.12-2020
Written By

[Signature]
01.12-2020
Checked By

[Signature]
01.12-2020
Section Officer

[Signature]
01/12/2020
Dy. Controller of
Examinations



Registration No. 13PH-BT-005



Sl.No. : 1900030

RAVENSHAW UNIVERSITY CUTTACK

School of Life Sciences

ମଧୁସ୍ମିତା ବାରିକ

ରେଭେନ୍ସା ବିଶ୍ୱବିଦ୍ୟାଳୟ ଦ୍ୱାରା ଅନୁମୋଦିତ ପାଠ୍ୟକ୍ରମ ସମାପନପୂର୍ବକ
୨୦୧୮ ମସିହା ମେ ମାସରେ ଅନୁଷ୍ଠିତ ଜୈବ ବୈଷୟିକ ବିଦ୍ୟା
ବିଭୂଷଣ ପରୀକ୍ଷାରେ ଉତ୍ତୀର୍ଣ୍ଣ ହୋଇଥିବାରୁ
ଅଦ୍ୟ ଏହି ଉପାଧି ପ୍ରଦାନ କରାଗଲା ।

ଉପାଧି

ବିଭୂଷଣ, ଜୈବ ବୈଷୟିକ ବିଦ୍ୟା

Madhusmita Barik

having completed the Ravenshaw University
approved course of study and passed the examination

Doctor of Philosophy in Biotechnology

held in the month of May, 2018

has this day been admitted to this

Degree of

Doctor of Philosophy in Biotechnology

Madhusmita Barik

କୁଳପତି

Vice-Chancellor



Odisha ୫ ଫେବୃଆରୀ, ୨୦୧୯
Date: 5 February, 2019



SI.No. : 2015129

Utkal University

ଉତ୍କଳ ବିଶ୍ୱବିଦ୍ୟାଳୟ

DIPLOMA FOR DOCTOR OF PHILOSOPHY (Ph.D.)

ବିଭୂଷଣ ଉପାଧି ପତ୍ର

RUKMINI MISHRA

This is to certify that

who passed the Examination for the degree of

Doctor of Philosophy

Science & Technology

Bio- Technology

under the Faculty of

December 2012

was this day admitted to the Degree.

held in the month of

୨୦୧୨ ମସିହା ଡିସେମ୍ବର

ମାସରେ ଅନୁଷ୍ଠିତ

ବିଜ୍ଞାନ ଓ ପ୍ରଯୁକ୍ତି ବିଦ୍ୟା

ବିଭୂଷଣ ଉପାଧି ପରୀକ୍ଷାରେ

ଜୈବ ପ୍ରଯୁକ୍ତି

ରେ ଉତ୍ତୀର୍ଣ୍ଣ

ରୁକ୍ମିଣୀ ମିଶ୍ର

ଙ୍କୁ ଅବଦାନ ଏହି ଉପାଧି ପ୍ରଦତ୍ତ ହେଲା ।

Vani Vihar, Bhubaneswar,
Odisha, India.
The 15th February 2015

Rukmini Mishra

Vice-Chancellor

Utkal University

No. 001066

UTKAL UNIVERSITY

DIPLOMA FOR DOCTOR OF PHILOSOPHY (Ph.D.)

This is to certify that

SAGARIKA PARIDA

Who passed the examination for the degree of,

DOCTOR OF PHILOSOPHY

BOTANY

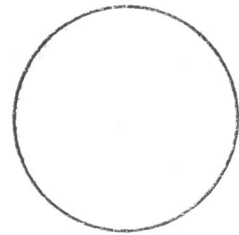
held in the

JUNE

2002

, was this day

admitted to the degree.



UTKAL
UNIVERSITY
VANI VIHAR
BHUBANESWAR.

The 26th November 2003

.....

[Signature]
Vice-Chancellor

ଉତ୍କଳ ବିଶ୍ୱବିଦ୍ୟାଳୟ

ବିଭୂଷଣ ଉପାଧି ପତ୍ର

୨୦୦୨..... ମସିହା..... ୨୬..... ମାସରେ ଅନୁଷ୍ଠିତ

ବିଜ୍ଞାନ..... ବିଭୂଷଣ

ଉପାଧି ପରୀକ୍ଷାରେ..... ଉତ୍ତୀର୍ଣ୍ଣ ବିଜ୍ଞାନ..... ଉପେକ୍ଷା

ସାଗରିକା ପରିଡା.....

ଅନ୍ୟ ଏହି ଉପାଧି ପ୍ରଦତ୍ତ ହେଲା ।

ଉତ୍କଳ
ବିଶ୍ୱବିଦ୍ୟାଳୟ
ବାଣୀ ବିହାର
ଭୁବନେଶ୍ୱର

୦୮୨୬ ମେ ୨୦୦୩

[Signature]

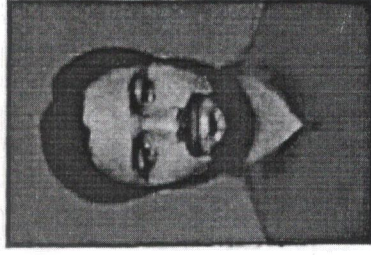
୧୧୧୧



中国农业科学院研究生院
GRADUATE SCHOOL OF CHINESE ACADEMY OF AGRICULTURAL SCIENCES

Graduation Certificate for Doctoral Students

SUTAR SUHAS BHARAT, male, born on July 13, 1987, has enrolled in the program of Biochemistry and Molecular Biology from September 2014 to August 2020. He has completed all the required courses satisfactorily and defended his dissertation successfully. This is to certify his Doctor graduation.



Graduate School of Chinese
Academy of Agricultural Sciences

President:

Certificate No.: 821019202001000053

Date of Issue: August 31, 2020



478

Sl. No.....

Token No. 34

Dated..... 10.01.2018

UTKAL UNIVERSITY
VANI VIHAR, BHUBANESWAR-751004

PROVISIONAL CERTIFICATE

This is to certify that ... Arun Kumar Pradhan

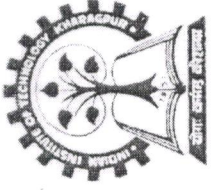
.....
Regd. No. 03 - Chemistry - 2013-14 is declared
to be qualified for the award of Ph.D. /
B.Litt. / D.Se. in Chemistry

..... Examination held in the
year 2018 from Utkal University,
Vani Vihar, Bhubaneswar.

Written By *[Signature]* 15-01-2018
Checked By *[Signature]* 15/01/18

[Signature]
Section Officer

[Signature] 16/1/18
Dy. Controller of
Examinations



INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

upon the recommendation of the Senate hereby confers the degree of

Doctor of Philosophy

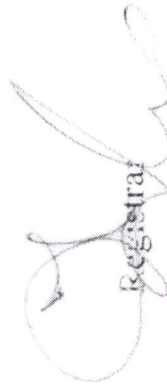
on

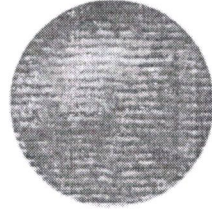
ASHISH KUMAR SAHOO

in recognition of the research work on

Elemental and Binary Semiconducting Nanomaterials of Diverse Morphology: Synthesis and Application

Given under the seal of the Institute at Kharagpur on the Twenty Sixth day of July, Two Thousand and Fourteen


Registrar




Director

Ashish Kumar Sahoo

Sambalpur University

ସମ୍ବଲପୁର ବିଶ୍ୱବିଦ୍ୟାଳୟ



DOCTOR OF PHILOSOPHY

This is to Certify that

Dojalisa Sahu

having passed the examination for the degree of

Doctor of Philosophy

*in Chemistry, under the Faculty of Science and Technology field in
the month of April, 2014, was this day admitted to the degree.*

JYOTI VIHAR, BURLA
ODISHA, INDIA

The 19th August, 2015

Vice-Chancellor



Indian Institute of Technology Madras

hereby confers the degree of
Doctor of Philosophy
of the Institute
on

PRATAP KUMAR CHHOTARAY

for successfully completing the prescribed programme of study and
presenting the thesis entitled

**STUDY ON THERMOPHYSICAL PROPERTIES OF AMMONIUM AND LACTAM
BASED PROTIC IONIC LIQUIDS AND THEIR MIXTURE WITH MOLECULAR
SOLVENTS AND SACCHARIDES**

Given this day the Twentyfourth of July, 2015
under the seal of the Institute.



Self attested
Pratap K Chhotaray



CY11D026

B. V. S.
Registrar

B. V. S.
Chairman, Board of Governors



National Institute of Technology Rourkela

Upon the recommendation of the Senate,
hereby confers the degree of
Doctor of Philosophy

on

Shraban Kumar Sahoo

who has successfully defended the thesis entitled
*“Novel Graphene Oxide based Nanocomposites: Synthesis and
Application towards Adsorptive Removal of Toxic Inorganic/Organic
Pollutants from Aqueous Media”*

and has fulfilled all other requirements
for the degree in the Department of
Chemistry.

Given this day, under the seal of the Institute
at Rourkela in the Republic of India,
the 18th Day of January 2020.



S.K.
Registrar

Shraban Kumar Sahoo

A.K.
Director

भारतीय प्रौद्योगिकी संस्थान दिल्ली

प्रक्रिया संख्या/Entry No. 2006CY28096

अभिपद की अनुप्रासा पर
विद्या वाचस्पति
की उपाधि एतद्वारा
श्रीकान्त साहू
को प्रदान करता है।

योग-प्रदाय सोवक : डिजाइन, सिन्थेसिस, आयन-बाधितक एवम् सेलक-असेम्बलिंग विधेविपर ऑफ ट्राय्जोल-बेस्ड मॉलिक्यूलस।
भारतीय गणराज्य के अन्दरगत दिल्ली में आज, दिनांक 28 अक्टूबर 2012 को संस्थान की पुनः अंकित यह उपाधि दी गई।

जुबिन इंस्टीट्यूट ऑफ मेडिकल साइन्स मैदानी

Upon the recommendation of the Senate hereby confers the degree of

Doctor of Philosophy

on

SRIKANTA SAHU

Thesis title : DESIGN, SYNTHESIS, ION-BINDING AND SELF-ASSEMBLING BEHAVIOR OF TRIAZOLE-BASED MOLECULES.
Given this day, the 28th of October 2012, under the seal of the Institute at Meadi in the Republic of India.

Prakash
अध्यक्ष, संस्थान के
कुलपति, भारत के विद्यमान

Prakash
अध्यक्ष एवं संस्था के
कुलपति, भारत के विद्यमान, भारत

Prakash
कुलपति
भारत



Srikanta Sahu

Utkal University

No. 001200

UTKAL UNIVERSITY

DIPLOMA FOR DOCTOR OF PHILOSOPHY (Ph.D.)

This is to certify that

SUSANTA KUMAR BISWAL

Who passed the examination for the degree of,

DOCTOR OF PHILOSOPHY

CHEMISTRY

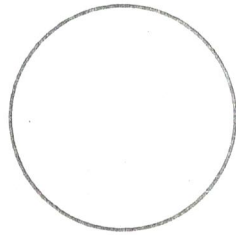
in held in the

NOVEMBER

2003

, was this day

admitted to the degree.



**UTKAL
UNIVERSITY
VANI VIHAR
BHUBANESWAR.**

15th December 2003

The

ଉତ୍କଳ ବିଶ୍ୱବିଦ୍ୟାଳୟ

ବିଭୂଷଣ ଉପାଧି ପତ୍ର

..... ୨୦୦୩ ମସିହା ନଭେମ୍ବର ମାସରେ ଅନୁଷ୍ଠିତ

..... ବିଜ୍ଞାନ ବିଭୂଷଣ

ଉପାଧି ପରୀକ୍ଷାରେ ଉପାୟନ ବିଜ୍ଞାନ ରେ ଉତ୍ତୀର୍ଣ୍ଣ

..... ସୁଶାନ୍ତ କୁମାର ବିଶ୍ୱାଳ କୁ

ଅବ୍ୟ ଏହି ଉପାଧି ପ୍ରଦତ୍ତ ହେଲା ।

ଉତ୍କଳ
ବିଶ୍ୱବିଦ୍ୟାଳୟ
ବାଣୀ ବିହାର
ଭୁବନେଶ୍ୱର

୦୧ ୧୫ ୧୨ ୨୦୦୩

କ୍ର. ସ୍ୱୀକାର ନମ୍ବର ୨୩୫

କୃତସତ

5801100308

UTKAL UNIVERSITY

HONOURS DIPLOMA FOR BACHELOR OF SCIENCE



ଉତ୍କଳ ବିଶ୍ୱବିଦ୍ୟାଳୟ

ସମ୍ବଲପୁର ସ୍ୱାଧୀନ ବିଜ୍ଞାନ ଓ ଟେକ୍ନୋଲୋଜି ପଢ଼ାଘର

I hereby certify that

KAMAL KUMAR BARIK

of **GODAVARISH MAHAVIDYALAYA, BANPUR**

is duly qualified for the degree of

BACHELOR OF SCIENCE

of **2006**

held in the month of

APRIL 2006

WITH FIRST CLASS HONOURS IN ZOOLOGY

was this day admitted to the Degree.

SUBJECTS OF EXAMINATION :

COMPULSORY	ENGLISH	M.I.L (ORIYA)
	INDIAN SOCIETY AND CULTURE	
	ENVIRONMENTAL STUDIES	
PASS HONOURS	INDUSTRIAL FISH AND FISHERIES	
	ZOOLOGY	
MAJOR ELECTIVE	CHEMISTRY	
MINOR ELECTIVE	MATHEMATICS AND STATISTICS FOR BIOLOGY STUDENTS	

ଏହାକୁ କୁମାର କାମଲ
 ଗୋଦାବରୀଶ ମହାବିଦ୍ୟାଳୟ, ବନପୁର
 ଅନୁଷ୍ଠାନ ୨୦୦୬
 ସମ୍ବଲପୁର ବିଭାଗ
 ପ୍ରଥମ ଶ୍ରେଣୀରେ
 ସମ୍ବଲପୁର ବିଶ୍ୱବିଦ୍ୟାଳୟ
 ପଢ଼ାଘର ସ୍ୱାଧୀନ ବିଜ୍ଞାନ ଓ ଟେକ୍ନୋଲୋଜି
 ପଢ଼ାଘରରେ
 ଉପରୋକ୍ତ ବିଷୟରେ
 ପରୀକ୍ଷା ଦେଇ
 ପାସ ହୋଇଥିବାର
 ଉପରୋକ୍ତ ବିଷୟରେ
 ପରୀକ୍ଷା ଦେଇ
 ପାସ ହୋଇଥିବାର
 ଉପରୋକ୍ତ ବିଷୟରେ
 ପରୀକ୍ଷା ଦେଇ
 ପାସ ହୋଇଥିବାର
 ଉପରୋକ୍ତ ବିଷୟରେ
 ପରୀକ୍ଷା ଦେଇ
 ପାସ ହୋଇଥିବାର



UTKAL UNIVERSITY
 Vice-Chancellor
 23 DEC 2006
 12 JUL 2006
Pranita
 VICE-CHANCELLOR

ସମ୍ବଲପୁର ବିଶ୍ୱବିଦ୍ୟାଳୟ
 ପଢ଼ାଘର, ସ୍ୱାଧୀନ ବିଜ୍ଞାନ ଓ ଟେକ୍ନୋଲୋଜି
 ପଢ଼ାଘର
 ଉତ୍କଳ ବିଶ୍ୱବିଦ୍ୟାଳୟ
 ସମ୍ବଲପୁର
 ଓ ୧୨ ଜୁଲାଇ ୨୦୦୮

Kamal Kumar Barik



**INTERNATIONAL INSTITUTE OF INFORMATION TECHNOLOGY
BHUBANESWAR**



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

Doctor of Philosophy

in

Computer Science and Engineering

on

Figlu Mohanty

*who has completed the course of studies as prescribed
under the Regulations and successfully defended the thesis titled*

*"Towards Development of Computer-aided Diagnosis Frameworks for Digital
Mammogram Classification"*

on 26th May 2020

*Given this day, under the seal of the Institute at Bhubaneswar in
the Republic of India, the 19th February 2021*

PHOTO COPY

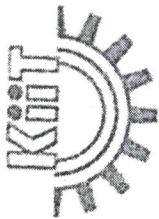


(Ajit Kumar Das)
Registrar

Figlu Mohanty

(Gopal Krishna Nayak)
Director

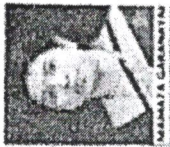
No. - PHD2100039



KALINGA INSTITUTE OF INDUSTRIAL TECHNOLOGY

DEEMED TO BE UNIVERSITY, BHUBANESWAR-24

(Decd. U/S 3 of the UGC Act, 1956)



Upon recommendation of the Board of Management hereby confers the Degree of



DOCTOR OF PHILOSOPHY

in

Computer Science & Engineering

on

MAMATA GARANAYAK



who has successfully completed the courses of study in the year 2021 as prescribed under the regulations

The title of the thesis being "A COMPREHENSIVE STUDY OF RECOMMENDATION SYSTEMS ON DIFFERENT DOMAINS"

Given under the seal of Kalinga Institute of Industrial Technology, Deemed to be University in the Republic of India on the

Fourteenth day of August Two Thousand Twenty One

Registrar

Vice - Chancellor



Centurion
UNIVERSITY

Serial No: 047/Ph.D

**CENTURION UNIVERSITY OF
TECHNOLOGY AND MANAGEMENT, ODISHA**

(Estd. Vide Odisha Act 4 of 2010 & u/s 2 (f) of UGC Act, 1956)

Provisional Certificate

This is to Certify that

Mr. SANGRAM KESHARI SWAIN

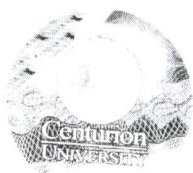
*is qualified for the award of
Degree of Doctor of Philosophy by Research
for the thesis*

*"BIG DATA ANALYTICS FOR FREQUENT TEXT PATTERN
AND UNSUPERVISED FEATURE LEARNING."*

in

THE FACULTY OF ENGINEERING

in the year 2019



Deputy Director
(Examinations)

No. PRD2100055



KALINGA INSTITUTE OF INDUSTRIAL TECHNOLOGY
DEEMED TO BE UNIVERSITY, BHUBANESWAR-24
(Decld. U/S 3 of the UGC Act, 1956)

Reg. No. - 13373231064



Upon recommendation of the Board of Management hereby confers the Degree of



DOCTOR OF PHILOSOPHY

in

Computer Science & Engineering

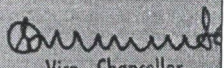
on

SHREELA DASH

who has successfully completed the courses of study in the year 2021 as prescribed under the regulations
The title of the thesis being "Investigation and Analysis of High Capacity Information Hiding Techniques in Spatial Domain"

Given under the seal of Kalinga Institute of Industrial Technology, Deemed to be University in the Republic of India on the
Fourteenth day of August Two Thousand Twenty One

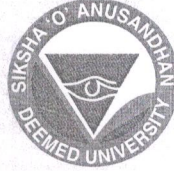

Registrar


Vice - Chancellor

To verify the authenticity of this certificate visit : www.kiit.ac.in



13CSGP3695



Regd. No. : 1061012008

SIKSHA 'O' ANUSANDHAN UNIVERSITY

(A Deemed University Declared U/S 3 of the UGC Act, 1956)

Bhubaneswar, Odisha, India.

Accredited by NAAC with 'A' Grade

upon the recommendation of the Academic Council
hereby confers the degree of

Doctor of Philosophy

on

Sujata Chakravarty

who has fulfilled the requirements for the degree as prescribed under
the regulations and successfully defended in October, 2012,
the thesis entitled :

"Mining Financial Time Series

Databases using Machine Intelligence and

Evolutionary Computing Techniques".

Given on this day, under the seal of the University
at Bhubaneswar, the 19th day of April, 2014.



Date : 19th April, 2014

R. Jyothanty
Vice - Chancellor

Sujata Chakravarty



The Board of Management of the
Vellore Institute of Technology (VIT)
hereby confers on



CHANDRA SEKHAR DASH

the degree of

DOCTOR OF PHILOSOPHY

in recognition of the research work entitled

Design and Fabrication of Memristor for Non-Volatile Memory Applications

for having fulfilled the prescribed requirements.

*The degree has been awarded in compliance with the
"University Grants Commission, Regulations 2009"*



given this day the 10 September 2019



Given under the seal of this university

Vice - Chancellor

Chancellor

Dated: 29-Oct-2019

Vellore - 632 014, Tamil Nadu, India

Chandra Sekhar Dash



IIIT Bhubaneswar
Imagine. Innovate. Inspire.

PROVISIONAL CERTIFICATE

Chinmayee Dora

identified by Registration Number : **C115004**

in the Batch 2015-19

has successfully completed the prescribed requirements

for the degree of

Doctor of Philosophy

in

**Electronics and Telecommunication
Engineering**

She has successfully defended her thesis in the viva-
voce examination held on 02/07/2020.

The title of the PhD Thesis is “Development of Efficient
Algorithms for Artifact Removal from Single Channel
EEG”

Date: 15th July 2020

No. : IIIT-Bh/PhD/2015/004



DEAN (Academics)

Dr. R. C. BALABANTARAY
DEAN (ACADEMICS)
IIIT BHUBANESWAR

Chinmayee Dora

International Institute of Information Technology Bhubaneswar
(A University established by the Government of Odisha)
Gothapatna PO Malipada Bhubaneswar - 751 003 India
Email: dean@iiit-bh.ac.in Web: www.iiit-bh.ac.in

Provisional Certificate



THIS IS TO CERTIFY THAT

HARISH CHANDRA MOHANTA

HAVING FULFILLED ALL OBLIGATIONS AND PRESCRIBED CONDITIONS
WAS ADMITTED TO THE DEGREE OF

DOCTOR OF PHILOSOPHY

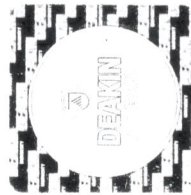
BY DEAKIN UNIVERSITY ON 22 JUNE 2021



CHANCELLOR



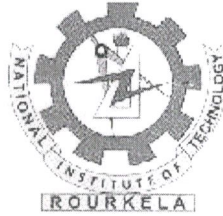
VICE-CHANCELLOR



386043



The qualification is recognised within the Australian Qualifications Framework.



14/1509/512EE1019



National Institute of Technology Rourkela

Upon the recommendation of the Senate,
hereby confers the degree of
Doctor of Philosophy

on

Rajendra Kumar Khadanga

who has successfully defended the thesis entitled
*"Performance Analysis of Flexible A.C. Transmission System Devices
for Stability Improvement of Power System"*

and has fulfilled all other requirements
for the degree in the Department of
Electrical Engineering.

Given this day, under the seal of the Institute
at Rourkela in the Republic of India,
the 21st Day of January 2017.



Registrar

Director

Rajendra Kumar Khadanga

Roll No. 514EE6032

PROVISIONAL



**NATIONAL INSTITUTE OF TECHNOLOGY
ROURKELA**

This is to certify that

SUDHANSU KUMAR SAMAL

has successfully defended the thesis entitled

**"Estimation of Low-Frequency Oscillations Using Wide-Area Monitoring
in Power System"**

on May 29, 2020

and has fulfilled all the requirements for the degree of

DOCTOR OF PHILOSOPHY

in the department of

Electrical Engineering

on Jun 02, 2020

Rourkela
Date : Jun 03, 2020

A handwritten signature in black ink, likely belonging to the Dean (Academic).

Dean(Academic)
DEAN (Academic)
National Institute of Technology
ROURKELA-769008 (INDIA)

For verification of contents, please log on to institute website www.nitrkl.ac.in

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



This is to certify that

Mr. Ajit Kumar Pradhan

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

English (English Language Education)

Dated 08-03-2016

Registrar

Vice-Chancellor

Reg. No. : 0001

Sl. No. 00036

ద్రావిడ విశ్వవిద్యాలయం ద్రావిడ
 తీరానీటి పల్లకలైక్కழకమ్ శ్రావీణ విశ్వవిద్యాలయం
 DRAVIDIAN UNIVERSITY



Srinivasavanam, Kuppam - 517425, Andhra Pradesh, India.

Faculty of Arts

This is to Certify that

Biswanandan Dash

Son/Daughter of Bibekananda Dash

*has been certified by duly appointed Examiners
 to be qualified to receive the Degree of*

Doctor of Philosophy in Linguistics

and has been admitted to that Degree

with effect from 01-09-2014

DEPARTMENT OF STUDY : DRAVIDIAN & COMPUTATIONAL LINGUISTICS

**TITLE OF THE THESIS : "GLOBALISATION AND ITS IMPACT ON PROFESSIONAL
 ENGLISH COMMUNICATION BY THE TECHNICAL
 UNDERGRADUATES"**

**Degree has been awarded in accordance with the UGC (MINIMUM STANDARDS AND
 PROCEDURE FOR AWARDS OF M.PHIL/PH.D. DEGREE), REGULATION, 2009.**

Given under the Seal of the University

Dated : 22-12-2014



[Signature]
 Vice-Chancellor

BERHAMPUR UNIVERSITY

BHANJA BIHAR, BERHAMPUR-760007, GANJAM (ODISHA)



PROVISIONAL CERTIFICATE

This is to certify that

PRADEEP KUMAR SAHOO

has been declared qualified for the award of

~~B. Litt./Ph.~~ **B. A.** degree in LINGUISTICS

of this university vide Berhampur University
notification no. 08/EC-II (M. PHIL/PH. D) Dt. 01-01-2021.

TITLE OF THE THESIS : "ASSESSING THE LANGUAGE PROFICIENCY AMONG ESL COLLEGE
STUDENTS OF ODISHA".

A. K. Saha
19.01.21
CONTROLLER OF EXAMINATIONS
BERHAMPUR UNIVERSITY

Serial No. PHD

026

Registration No. 2009/DR/0031



भारतीय खनि विद्यापीठ

का कार्यकारी बोर्ड
शैक्षणिक परिषद् की अनुशंसा पर एतद् द्वारा
गीतम कुमार महतो
को विद्या वाचस्पति की उपाधि
शोध प्रबंध शीर्षक



मग्नेटोहाइड्रोडायनामिक फ्लो एंड हीट ट्रान्सफर इन रोटेटिंग
एंड नॉन-रोटेटिंग मीडिया

तत् सम्बन्धित समस्त प्रतिष्ठा, विशेषाधिकारों एवं दायित्वों से युक्त भारतीय गणराज्य के अन्तर्गत धनबाद में
इस संस्थान की मुद्रांकित उपाधि दिनांक 8 मई 2013 को प्रदान करता है।

The Executive Board
of The

Indian School of Mines

Upon the Recommendation of the Academic Council hereby Confers on

GOUTAM KUMAR MAHATO

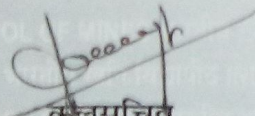
**The Degree of Doctor of Philosophy
on the Research Title**

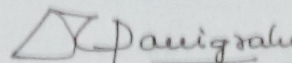
**MAGNETOHYDRODYNAMIC FLOW AND HEAT TRANSFER IN ROTATING
AND NON-ROTATING MEDIA**

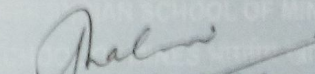
With all the Honours, Privileges and Obligations thereunto pertaining

Given on the 8th May 2013

under the seal of the Institute at Dhanbad in the Republic of India.


कुलसचिव
Registrar


निदेशक एवं अध्यक्ष, शैक्षणिक परिषद्
Director & Chairman, Academic Council


अध्यक्ष, कार्यकारी बोर्ड
Chairman, Executive Board



Upon recommendation of the Board of Management hereby confers the Degree of



DOCTOR OF PHILOSOPHY

in

Mathematics

on

MOHAMMED SIDDIQUE



who has successfully completed the courses of study in the year 2019 as prescribed under the regulations

The title of the thesis being "TIME SERIES ANALYSIS AND FORECASTING OF FINANCIAL STOCK MARKET USING SOME HYBRID MACHINE LEARNING BASED OPTIMIZATION MODELS"

Given under the seal of Kalinga Institute of Industrial Technology, Deemed to be University in the Republic of India on the

Ninth day of November Two Thousand Nineteen

Registrar

Vice - Chancellor

Registration No: 180506152001

Serial No: 094/Ph.D



Centurion
UNIVERSITY
*Shaping Lives...
Empowering Communities...*

CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT, ODISHA

(Estd. Vide Odisha Act 4 of 2010 & u/s 2 (f) of UGC Act, 1956)

Provisional Certificate

This is to Certify that

Mr. SASI BHUSAN PADHI

is qualified for the award of

Degree of Doctor of Philosophy by Research

for the thesis

**"MAGNETOHYDRODYNAMIC NANOFUID FLOW OVER
A STRETCHABLE MELTING SURFACE WITH HEAT
TRANSFER."**

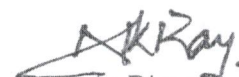
in

MATHEMATICS

in the year 2021



Dated : 30th December, 2021


Deputy Director
(Examinations)



Regn. No. : 1161022015

SIKSHA 'O' ANUSANDHAN UNIVERSITY

(A Deemed University Declared U/S 3 of the UGC Act, 1956)

Bhubaneswar, Odisha, India.

Accredited by NAAC with 'A' Grade

upon recommendation of the Academic Council
hereby confers the degree of

Doctor of Philosophy

on

Swarnalata Jena

who has fulfilled the requirement for the degree as prescribed under
the regulations and successfully defended in April, 2017,
the thesis entitled :

"Study on Viscous and Viscoelastic Flows and Heat Transfer."

Given on this day, under the seal of the University
at Bhubaneswar, Odisha, India.



Date : 29th April, 2017

Baroto
Vice Chancellor

Roll No. :



Utkal University

ଉତ୍କଳ ବିଶ୍ୱବିଦ୍ୟାଳୟ

023786

DIPLOMA FOR DOCTOR OF PHILOSOPHY (Ph.D)

This is to certify that

TUMBANATH SAMANTARA

has been this day admitted to the degree of

DOCTOR OF PHILOSOPHY

in Mathematics under the faculty of

Science & Technology

ବିଭୂଷଣ ଯୋଗ୍ୟତା ପତ୍ର

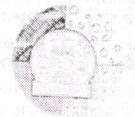
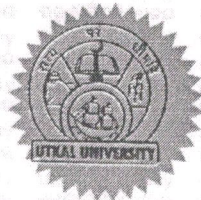
ଅଦ୍ୟ ଏହି ସମାବର୍ତ୍ତନ ଉତ୍ସବରେ ବିଜ୍ଞାନ ଓ ପ୍ରଯୁକ୍ତି ବିଦ୍ୟା କ୍ଷେତ୍ରରେ

ବିଭୂଷଣ ଉପାଧି ତୁମ୍ଭନାଥ ସାମନ୍ତରାଙ୍କୁ

ଗଣିତ ବିଷୟରେ ପ୍ରଦତ୍ତ ହେଲା ।

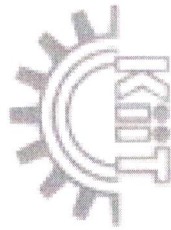
Date : 3rd February 2017

Utkal University
Vani Vihar, Bhubaneswar,
Odisha, India.



Acedm
Vice-Chancellor

Tumbanath Samantara



KIT 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

Management

on

Ansuman Jena

who has successfully completed the courses of study in the year 2013 as prescribed under the regulations

The title of the thesis being "CUSTOMER PREFERENCE IN THE VIRTUAL RETAIL ENVIRONMENT – AN EMPIRICAL STUDY ABOUT ONLINE SHOPPING IN INDIA"

Given under the seal of KIT University in the Republic of India on the sixteenth day of November two thousand thirteen


REGISTRAR


VICE-CHANCELLOR

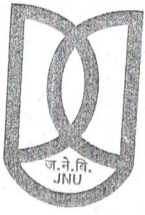

CHANCELLOR


Ansuman Jena
26-11-2013

S. No. : 101909

Notification No. : 218/P/2015

Enrolment No. EDS5/08/018



जवाहरलाल नेहरू विश्वविद्यालय
नई दिल्ली
Jawaharlal Nehru University
New Delhi

(CENTRE FOR DEVELOPMENT STUDIES)

Upon the recommendation of the Academic Council

hereby confers the Degree of

DOCTOR OF PHILOSOPHY

On *Bibhunandini Das*

who has successfully completed in the year 2015 the requirements prescribed under the Ordinance for the award of this degree.


Title of the Thesis:

"Diffusion of Information and Communication Technologies : Evidence from Indian Agriculture"

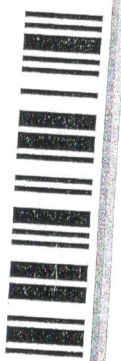
Given this day under the seal of the University at New Delhi in the Republic of India.

The 01 MAY 2015

Bibhunandini Das


Registrar


Vice-Chancellor



SI.No. : 2015467



Utkal University

ଉତ୍କଳ ବିଶ୍ୱବିଦ୍ୟାଳୟ

DIPLOMA FOR DOCTOR OF PHILOSOPHY (Ph.D.)

ବିଭୂଷଣ ଉପାଧି ପତ୍ର

GIRIRAJ NANDINI GOURI PRASANNA

This is to certify that

who passed the Examination for the degree of

Doctor of Philosophy

in Business Administration under the Faculty of Business Studies & Management

held in the month of May 2014 was this day admitted to the Degree.

୨୦୧୪ ମସିହା ମାସରେ ଅନୁଷ୍ଠିତ ବ୍ୟବସାୟ ଓ ପରିଚାଳନା ବିଦ୍ୟା ବିଭୂଷଣ ଉପାଧି ପ୍ରାପ୍ତ

ବ୍ୟବସାୟ ପ୍ରଶାସନ ଶିକ୍ଷାଳୟରେ ଗୃହୀତ ହୋଇଥିବା ଛାତ୍ରୀଙ୍କର ନାମ ଶ୍ରୀମତୀ ଗୌରୀ ପ୍ରସାନ୍ନା

Vani Vihar, Bhubaneswar,
Odisha, India.
The 21st February 2015

(Handwritten Signature)
11-8-2015

Alex Dm
Vice-Chancellor



Fakir Mohan University



0172621

DIPLOMA FOR DOCTOR OF PHILOSOPHY (P.H.D.)

ବିଭୂଷଣ ଉପାଧି ପତ୍ର

This is to certify that

PRAMOD KUMAR PATJOSHI

୨୦୧୩ ଡିସେମ୍ବର ମାସ ମିଳିତା ମାସରେ ପ୍ରଦର୍ଶିତ

who passed the examination for the degree of

ବିଭୂଷଣ ଉପାଧି ପରୀକ୍ଷାରେ

DOCTOR OF PHILOSOPHY

ସମ୍ପର୍କରେ ପଢ଼ିବାପାଇଁ ସେ ଉତ୍ତୀର୍ଣ୍ଣ

in **MANAGEMENT**

ପ୍ରମୋଦ କୁମାର ପାଟ୍ଟନାୟକ

held in the month of **MAY, 2013**

ଅବଧି ପୂର୍ଣ୍ଣ ହେବା ପରେ

was this day admitted to the degree.

Fakir Mohan University
Vyasa Vihar, Balasore, Odisha

The 21st April, 2015

Vice-Chancellor



ପ୍ରମୋଦ କୁମାର ପାଟ୍ଟନାୟକ
ପଠାବଳୀ ନମ୍ବର ୧୨୩୪ ୨୦୧୩

ତା. ୨୧/୦୪/୨୦୧୫ ଡି.ସି.



1122

Sl. No.
Token No. 322
Dated 20-4-2018

UTKAL UNIVERSITY
VANI VIHAR, BHUBANESWAR-751004

PROVISIONAL CERTIFICATE

This is to certify that Sabyasachi Dey

Regd. No. 19-Bus Admn. - 2013-2014 is declared
to be qualified for the award of Ph.D. /
~~D.Litt~~ / ~~D.Sc.~~ in Business Administration
Examination held in the
year 2018 from Utkal University,
Vani Vihar, Bhubaneswar.

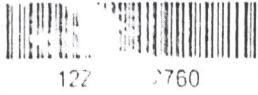
lw
21-4-2018
Written By

Deey
23-4-18
Checked By

[Signature]
23/4/2018
Section Officer

[Signature]
23/4/18
Dy. Controller of
Examinations

Dr. Sabyasachi Dey
02/07/2018.



Regn. No. : 1271333019

SIKSHA 'O' ANUSANDHAN

(Deemed to be University)

Bhubaneswar, Odisha, India.

Accredited by NAAC with 'A' Grade

upon recommendation of the Academic Council
hereby confers the degree of

Doctor of Philosophy

on

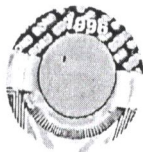
Sisir Ranjan Dash

who has fulfilled the requirement for the degree as prescribed under
the regulations and successfully defended in November, 2018
the thesis entitled :

**"Implications of Globalization on Financial Integration
of Indian Economy with the Developed and Emerging
Economies - A Cointegration Approach"**

for the research conducted under the
Faculty of Management Sciences

Given on this day, under the seal of the University
at Bhubaneswar, Odisha, India.



Date : 1st February, 2019


[Signature]
Vice Chancellor

The Board of Trustees of the
Asian Institute of Technology
On the Recommendation of the Council of Faculty Examiners
Has Conferred Upon


SMITA MISHRA PANDA

The Degree of
Doctor of Philosophy

With all of its Privileges and Obligations
Given this Twelfth day of December 1996

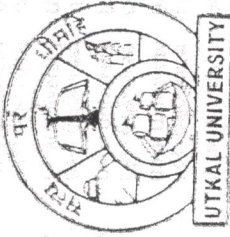

President of the Institute




Chairman of the Board



Sl.No.:0000030



ଉତ୍କଳ ୟୁନିଭରସିଟି

ଉତ୍କଳ ବିଶ୍ୱବିଦ୍ୟାଳୟ

DIPLOMA FOR DOCTOR OF PHILOSOPHY (Ph.D.)

ବିଭୂଷଣ ଉପାଧି ପତ୍ର

SUSANTA KUMAR MISHRA

This is to certify that

who passed the Examination for the degree of

Doctor of Philosophy

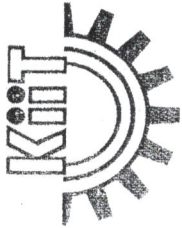
in Business Administration field in the month of September-2010 was this day admitted to the Degree.

୨୦୧୦ ମସିହା ସେପ୍ଟେମ୍ବର ମାସରେ ଅନୁଷ୍ଠିତ ପରିଚାଳନା ବିଭୂଷଣ ଉପାଧି ପରୀକ୍ଷାରେ

ବ୍ୟବସାୟ ପ୍ରଶାସନ ରେ ଉତ୍ତୀର୍ଣ୍ଣ ସୁଶାନ୍ତ କୁମାର ମିଶ୍ର ଙ୍କୁ ଅନ୍ୟ ଏହି ଉପାଧି ପ୍ରଦତ୍ତ ହେଲା ।

Vani Vihar, Bhubaneswar,
Odisha, India.
The 26th March, 2011

Vani Vihar
Vico-Chancellor



KALINGA INSTITUTE OF INDUSTRIAL TECHNOLOGY

DEEMED TO BE UNIVERSITY, BHUBANESWAR-24

(Decld. U/S 3 of the UGC Act, 1956)



Upon recommendation of the Board of Management hereby confers the Degree of



DOCTOR OF PHILOSOPHY

in

Electrical Engineering

on

SUSHMITA DAS



Sushmita Das



who has successfully completed the courses of study in the year 2018 as prescribed under the regulations

The title of the thesis being "SOME STUDIES ON APPLICATION OF COMPUTATIONAL TECHNIQUES TO IMPROVE THE ENERGY PERFORMANCE OF A BUILDING"

Given under the seal of Kalinga Institute of Industrial Technology, Deemed to be University in the Republic of India on the

Tenth day of November Two Thousand Eighteen

Registrar
Registrar

Vice-Chancellor
Vice - Chancellor



Centurion
UNIVERSITY

*Shaping Lives
Empowering Communities*

Serial No: 069/Ph.D

**CENTURION UNIVERSITY OF
TECHNOLOGY AND MANAGEMENT, ODISHA**

(Estd. Vide Odisha Act 4 of 2010 & u/s 2 (f) of UGC Act, 1956)

Provisional Certificate

This is to Certify that

Ms. SWETALINA MISHRA

*is qualified for the award of
Degree of Doctor of Philosophy by Research
for the thesis*

**"A STUDY ON COMPETENCY MAPPING OF
EMPLOYEES OF POWER SECTOR IN ODISHA."**

in

THE FACULTY OF MANAGEMENT

in the year 2021



Swetalina Mishra.

AkRay.

Deputy Director
(Examinations)

CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT, ODISHA



Centurion
UNIVERSITY

Shaping Lives...
Empowering Communities...

(Estd. Vide Odisha Act 4 of 2010 & u/s 2 (f) of UGC Act, 1956)

This is to certify that

UMAKANTA NAYAK

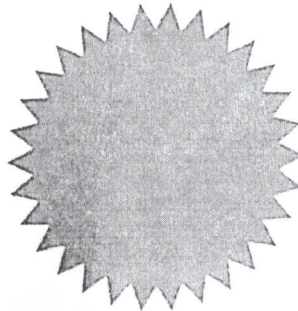
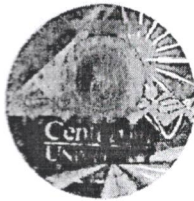
was admitted to the Degree of

Doctor

of

Philosophy

on the 1st day of December in the year 2018



Haribamphu Panda

Vice Chancellor

Dated: 1st December, 2018

Indian Institute of Technology, Madras



hereby confers the degree of

Doctor of Philosophy
of the Institute

on

ARDHENDUMOULI MOHANTY

*for successfully completing the prescribed programme of study and
presenting the thesis entitled*

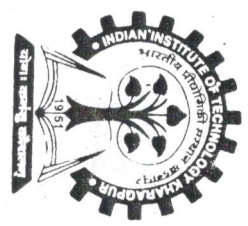
**STUDY OF SILICON, MANGANESE REACTIONS AND
OXYGEN CONTENT IN SUBMERGED ARC WELDING
USING FUSED FLUXES**

*Given this day the Ninth of August 1991
under the seal of the Institute.*



V. Gan.
Registrar

D. S. Srinivasan
Chairman Board of Governors



INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

upon the recommendation of the Senate hereby confers the degree of

Doctor of Philosophy

on

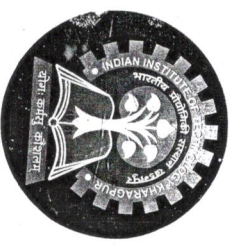
Dillip Kumar Panigrahi

in recognition of the research work on

Parallel Sliding Lubricated Contact with Positive Deterministic Surface Textures

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


Registrar




Director

Dillip Kumar Panigrahi

INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR
KHARAGPUR - 721302

PROVISIONAL CERTIFICATE

for the degree of

Doctor of Philosophy (Ph.D.)

Certified that Hari Om Verma of the Department of AEROSPACE ENGINEERING

has successfully completed all the prescribed requirements for the degree of Ph.D. of the Institute.

The date of the Ph.D. Viva-Voce examination is 05-12-2020

The title of the Ph.D. thesis is

Parameter Estimation of Aircraft using Extreme Learning Machine based Algorithms

This certificate is issued this day, the December 15, 2020, with the approval of the authorities.



Superintendent (PGS & R)



Joint Registrar (Academic) / Assistant Registrar (PGS&R)

**Joint Registrar (Academic)
IIT Kharagpur.**

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

Hari Om Verma
15/12

Roll No. 516ME1002

PROVISIONAL



**NATIONAL INSTITUTE OF TECHNOLOGY
ROURKELA**

This is to certify that

KRISHANU GANGULY

has successfully defended the thesis entitled

"Modelling and Analysis of Various Issues in Viscoelastic Composite

Rotors"

on Dec 06, 2021

and has fulfilled all the requirements for the degree of

DOCTOR OF PHILOSOPHY

in the department of

Mechanical Engineering

on Dec 21, 2021

Rourkela
Date : Dec 23, 2021

G. Jena
24-12-2021
ATC
Dean(Academic)
DEAN (Academic)
National Institute of Technology
ROURKELA-769008 (INDIA)

For verification of contents, please log on to institute website www.nitrkl.ac.in

Krishanu Ganguly



IIIT Bhubaneswar
Imagine. Innovate. Inspire.

PROVISIONAL CERTIFICATE

Mukundjee Pandey

identified by Registration Number : **C115008**

in the Batch 2015-19

has successfully completed the prescribed requirements

for the degree of

Doctor of Philosophy

in

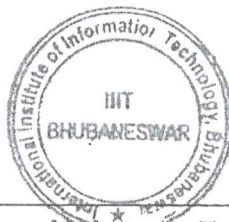
Mechanical Engineering

He has successfully defended his thesis in the viva-voce examination held on 11/01/2022.

The title of the Ph.D. Thesis is “Design Modification and Development of Solar Parabolic Trough Collector with Low Temperature Thermodynamic Cycle and its Waste Heat Recovery”

Date: 1st February 2022

No. : IIIT-Bh/PhD/2015/008



DEAN (Academics)
Dr. R. C. BALABANTARAY
DEAN (ACADEMICS)
IIIT BHUBANESWAR



National Institute of Technology Rourkela

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

Doctor of Philosophy

on

Ramesh Chandra Mohanty

who has successfully defended the thesis entitled
*“Damping of Layered and Jointed Beams
with Riveted Joints”*

and has fulfilled all other requirements
for the degree in the Department of
Mechanical Engineering

Given this day, under the seal of the Institute
at Rourkela in the Republic of India,
the 15th Day of January 2011.

Registrar

Director

SIKSHA 'O' ANUSANDHAN

(DEEMED TO BE UNIVERSITY)

Re-Accredited by NAAC with 'A' Grade

BHUBANESWAR, ODISHA



PROVISIONAL CERTIFICATE

ASHIRBAD NANDA

Registration No :1581606002

has completed all the prescribed requirements and possesses the proficiency for the award of the degree of

Doctor of Philosophy

having successfully defended the thesis entitled

“Formulation Development of Amlodipine for Improved Ocular Delivery and its Influence on some Pharmacological Activities”

for the research conducted under the

Faculty of Pharmaceutical Sciences

(School of Pharmaceutical Sciences)

in the year 2022



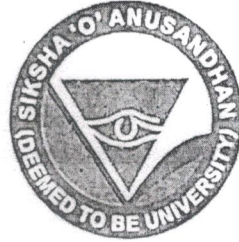
Date: **08 JAN 2022**


CONTROLLER OF EXAMINATIONS

SIKSHA 'O' ANUSANDHAN

(DEEMED TO BE UNIVERSITY)
Re-Accredited by NAAC with 'A' Grade
BHUBANESWAR, ODISHA

P. Five



PROVISIONAL CERTIFICATE

CHANDAN DAS

Registration No :1581606004

has completed all the prescribed requirements and
possesses the proficiency for the award of the degree of

Doctor of Philosophy

having successfully defended the thesis entitled

**“ Development of Quality Control Parameters for Standardization
of In-House and Marketed Balarista Formulations ”**

for the research conducted under the

Faculty of Pharmaceutical Sciences

(School of Pharmaceutical Sciences

in the year 2021



Date: 20 DEC. 2021


CONTROLLER OF EXAMINATIONS



பாரதியார் பல்கலைக் கழகம்
Bharathiar University

அறிவியல் புலம்
FACULTY OF SCIENCE

பாரதியார் பல்கலைக் கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு.
மம்தா, 2015 ஆம் ஆண்டு, செப்டம்பர் 18 ஆம் நாளில் உயிர் அறிவியல் என்னும் பிரிவில்
ஆய்வியல் அறிஞர் என்னும் பட்டம் பெறத் தகுதியடைந்திருப்பதாகக் சான்றளித்ததை,
ஏற்று. அவருக்கு அந்தப் பட்டத்தைப் பல்கலைக் கழக இலச்சியையுடன்,
பாரதியார் பல்கலைக் கழக ஆட்சிக் குழு வழங்குகின்றது.

The Syndicate of the Bharathiar University hereby makes known that MAMTA
has been admitted to the Degree of DOCTOR OF PHILOSOPHY in LIFE SCIENCE,
having been certified by duly appointed Examiners to be qualified to receive the same on 18th SEPTEMBER 2015.

Given under the Seal of the University.



மம்தா
2015.09.18



சோயம்புத்தூர்
Coimbatore
9088458
நாள்

Dated: 7th February 2017

Controller of Examinations

தேர்வாளர்
A.R.L.C

Registrar(I/c)

பதிவாளர்(பொ)

Vice-Chancellor

துணைவேந்தர்
Jemurais

BERHAMPUR UNIVERSITY

BHANJA BIHAR, BERHAMPUR-760007, GANJAM (ODISHA)



PROVISIONAL CERTIFICATE

This is to certify that

NIBEDITA NAYAK

has been declared qualified for the award of
B.A./Bh. D. degree in PHYSICS
of this university vide Berhampur University
notification no. 3026/Exam. Conf. Unit-II Dt. 08-08-2018

TITLE OF THE THESIS VLSI IMPLEMENTATION OF DISCRETE WAVELET TRANSFORM.

W. S. P.
CONTROLLER OF EXAMINATIONS
BERHAMPUR UNIVERSITY

भारतीय प्रौद्योगिकी संस्थान मुंबई

पद्मजा पटनायक

को एतद्वारा

विद्या वाचस्पति

की उपाधि प्रदान करता है।

अभिषद की अनुशंसा पर संस्थान की मुद्रांकित यह उपाधि, अवप्ति हेतु विनियमों में विहित अपेक्षाओं को पूर्ण कर लेने पर तथा अपने शोध-प्रबंध के सफल पक्षपोषण के उपरांत, मुंबई, भारतीय गणराज्य में आज 10 अगस्त, 2013 को दी गई है।



Indian Institute of Technology Bombay

upon recommendation of the Senate hereby confers the degree of

Doctor of Philosophy

on

Padmaja Patnaik


who has fulfilled the requirements for the degree as prescribed under the regulations and successfully defended the thesis entitled :

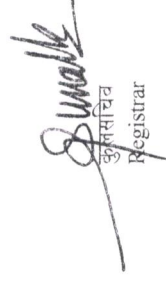
“Study of Defect States in Silicon Carbide”.

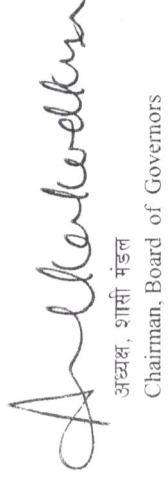
Given this day, under the seal of the Institute at Mumbai in the Republic of India, the 10th day of August 2013.

Photocopy
attested
Bhubaneswar 10/8/13

GEOLOGIST
Directorate of Geology
Bhubaneswar Office


अध्यक्ष, अभिषद
Chairman, Senate


कुलसचिव
Registrar


अध्यक्ष, शासी मंडल
Chairman, Board of Governors

Book No.—

SAMBALPUR  UNIVERSITY

Provisional Certificate

Serial No.— 63


Regn. No. 22/2015 N/
PHYSICS

This is to certify that Shri/Smt. Santosh K. Satpathy

has qualified himself/herself for the award of the degree of DOCTOR OF
PHILOSOPHY in Science (physics)

Faculty. with effect from 28th April 2017.

Dated 04.05 2017


ASSISTANT CONTROLLER OF
EXAMINATIONS

Santosh m. Satpathy

Sambalpur University

ସମ୍ବଲପୁର ବିଶ୍ୱବିଦ୍ୟାଳୟ



DOCTOR OF PHILOSOPHY

This is to Certify that

Saubhagyalaxmi Behera

having passed the examination for the degree of

Doctor of Philosophy

in Physics, under the Faculty of Science and Technology field in the month of July, 2014, was this day admitted to the degree.

JYOTI VIHAR, BURLA
ODISHA, INDIA

The 19th August, 2015



Vice-Chancellor



Registration No. 11PH-PHY-006



Sl.No. : 1900080

RAVENSHAW UNIVERSITY CUTTACK

School of Physical Sciences

COPY

ଶୁଭ୍ରରାଜ ପଣ୍ଡା

ରେଭେନ୍‌ସା ବିଶ୍ୱବିଦ୍ୟାଳୟ ଦ୍ୱାରା ଅନୁମୋଦିତ ପାଠ୍ୟକ୍ରମ ସମାପନପୂର୍ବକ
୨୦୧୯ ମସିହା ଜାନୁୟାରୀ ମାସରେ ଅନୁଷ୍ଠିତ ପଦାର୍ଥ ବିଜ୍ଞାନ
ବିଭାଗ ପରୀକ୍ଷାରେ ଉତ୍ତୀର୍ଣ୍ଣ ହୋଇଥିବାରୁ
ଅନ୍ୟ ଏହି ଉପାଧି ପ୍ରଦାନ କରାଗଲା ।

ଉପାଧି

ବିଭାଗ, ପଦାର୍ଥ ବିଜ୍ଞାନ

Subhraraj Panda

having completed the Ravenshaw University
approved course of study and passed the examination

Doctor of Philosophy in Physics
held in the month of January 2019
has this day been admitted to this

Degree of

Doctor of Philosophy in Physics



Odisha ଓଡ଼ିଶା, ୨୦୧୯
Date: 5 February, 2019

କୁଳପତି
Vice-Chancellor

We, the Chancellor, Vice Chancellor and Members
of the Court of the Gujarat University certify
that the Degree of

Doctor of Philosophy
(Science)

has been conferred on the thirtieth day of the
month of March in the year one thousand nine
hundred and ninety three at Ahmedabad, on
Sarangi Subrata Suryamani who has been found
duly qualified for the same.

In Testimony whereof are set the Seal of the
said University and the Signature of the said
Vice-Chancellor.



Vice-Chancellor.

Roll No. :



Utkal University

ଉତ୍କଳ ବିଶ୍ୱବିଦ୍ୟାଳୟ

000438

DIPLOMA FOR DOCTOR OF PHILOSOPHY (Ph.D)

COPY

This is to certify that

TAPAN DASH

has been this day admitted to the degree of

DOCTOR OF PHILOSOPHY

in Physics under the faculty of

Science & Technology

ବିଭୂଷଣ ଯୋଗ୍ୟତା ପତ୍ର

ଅନ୍ୟ ଏହି ସମାବର୍ତ୍ତନ ଉତ୍ସବରେ ବିଜ୍ଞାନ ଓ ପ୍ରଯୁକ୍ତି ବିଦ୍ୟା କ୍ଷେତ୍ରରେ

ବିଭୂଷଣ ଉପାଧି ତପନ ଦାଶ କୁ

ପଦାର୍ଥ ବିଜ୍ଞାନ ବିଷୟରେ ପ୍ରଦତ୍ତ ହେଲା ।

Date : 16th February 2016

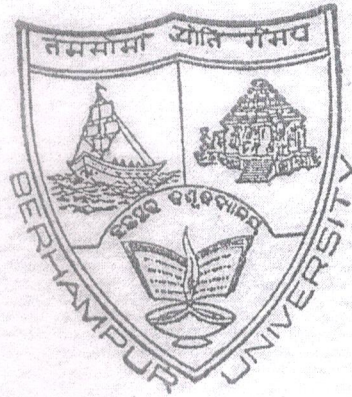
Utkal University
Vani Vihar, Bhubaneswar,
Odisha, India.



Tapan Dash
02/07/2018

A. C. D. M.
Vice-Chancellor

Berhampur University



DIPLOMA FOR DOCTOR OF PHILOSOPHY (Ph. D.)

This is to certify that

Amarendra Nath Ray

who passed the examination

for the degree of

DOCTOR OF PHILOSOPHY

in *Botany*

held in the month of *Nov.*, 1983,

was this day admitted to the degree.

BERHAMPUR UNIVERSITY
BERHAMPUR-7

The 16TH. JUNE, 1984.

[Signature]
Vice-Chancellor.

Self
Attested
Date
03/11/22

ENGLISH TRANSLATION

Devi Ahilya Vishwavidyalaya, Indore



[Doctor of Philosophy]

Certified that Smt. Chhayabrita Biswas obtained
the degree of **DOCTOR OF PHILOSOPHY**
in Physics under the Faculty of
Science in the year 2006

Title of Thesis "Electronic Structure
Studies of Metals And
Intermetallics."

Dated 06-06-2006

Vice-Chancellor

Date of issue
19 8 JUL 2006



Jodhpur University

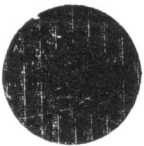
Certified that

Sri Dipankar Bhattacharyay

was admitted to the Degree of **Doctor of Philosophy in Engineering** of this University on **25/06/2008** and that the degree was conferred on him / her at the Convocation held in December 2008 with all the Rights and Privileges thereto appertaining.

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

P. N. Sela
Vice-Chancellor
The 24th December, 2008




Chancellor

S. Bhattacharyay

BERHAMPUR UNIVERSITY

BIHANJA BIHAR, BERHAMPUR-760007, GANJAM (ODISHA)



PROVISIONAL CERTIFICATE

This is to certify that

CHINU BOHIDAR

has been declared qualified for the award of
D. Litt./Ph. D. degree in JOURNALISM & MASS COMMUNICATION
of this university vide Berhampur University
notification no. 2666/EC-II (M. phil/Ph. D) 2020 Dt. 29-10-2020.

TITLE OF THE THESIS : AN EMPIRICAL STUDY ON THE IMPACT OF REALITY TV SHOWS
ON TEENAGERS OF DWARKA, DELHI.

A. G. Das
24.11.2020
CONTROLLER OF EXAMINATIONS
BERHAMPUR UNIVERSITY
NDY

Utkal University

No. 503

UTKAL UNIVERSITY

DIPLOMA FOR DOCTOR OF MEDICINE

This is to certify that

Dr. Bachaspati Dash

of *Sriam Chandra Bhanja Medical College, Cuttack*
who has passed the examination for the degree of

DOCTOR OF MEDICINE

in *Obstetrics & Gynaecology* in *May, 1997,*

was this day admitted to the degree.



ଉତ୍କଳ ବିଶ୍ୱବିଦ୍ୟାଳୟ

କେଉଁଠି ସ୍ଥାନ ଭିତର ଉପାଧି ପଦ

୧୯୯୭ ମସିହା ମାଘ ମାସ ମାସରେ ଅନୁଷ୍ଠିତ

ଦେଖା ବିଜ୍ଞାନ ଭିତର

ପରୀକ୍ଷାରେ ସମ୍ପୂର୍ଣ୍ଣାଙ୍କୁ ସମ୍ମାନ ସହିତ ମେ ଉପାଧି

ପ୍ରାପ୍ତ ହୋଇଛନ୍ତି ।

ଡାକ୍ତର ବାଚସ୍ପତି ଦାଶ

୨୦୧୩ ଓଡ଼ିଶା ପଠାଳୟ କଟକ ।

ଉତ୍କଳ ବିଶ୍ୱବିଦ୍ୟାଳୟ

ରାଜ ଭବନ

ଭୁବନେଶ୍ୱର

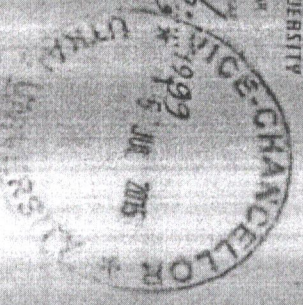
୧୮ ୨ ୧୯୯୯

୧୯୯୯

UTKAL UNIVERSITY

VAN SHAN

Office: Secy. to the Vice-Chancellor
1999
JUN 2005



A. P. Dash
Vice-Chancellor

Bachaspati Dash



12ZXDPJ2456



Regn. No. : 1271737007

SIKSHA 'O' ANUSANDHAN

(Deemed to be University)

Bhubaneswar, Odisha, India.

Accredited by NAAC with 'A' Grade

upon recommendation of the Academic Council
hereby confers the degree of

Doctor of Philosophy

on

Monali Priyadarsini Mishra

who has fulfilled the requirement for the degree as prescribed under
the regulations and successfully defended in April, 2018
the thesis entitled :

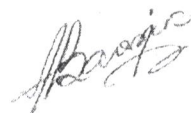
**"Phytochemical Evaluation and Antimicrobial
Activities of some selected Timber Yielding
Plants of Odisha"**

for the research conducted under the
**Faculty of Pharmaceutical Sciences
(Centre for Biotechnology)**

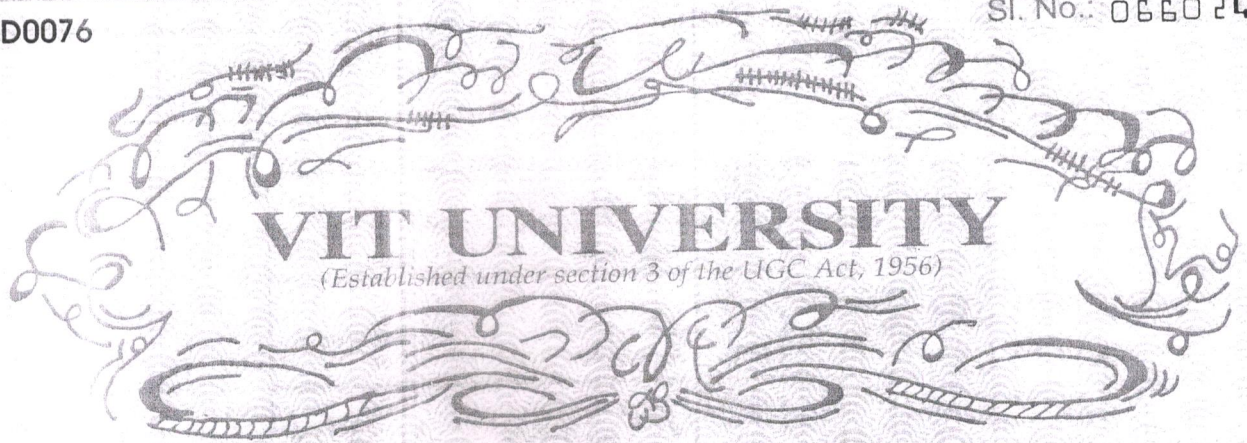
Given on this day, under the seal of the University
at Bhubaneswar, Odisha, India.



Date : 29th September, 2018


Vice Chancellor

Monali Mishra
01.08.2020



The Board of Management of the VIT University
hereby confers on



SOUMYA JAL

the degree of

DOCTOR OF PHILOSOPHY

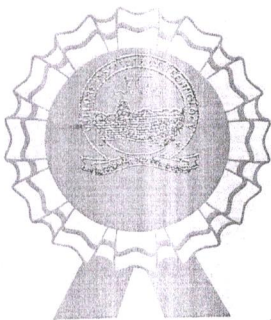
in recognition of the research work entitled

**STUDIES ON TETRODOTOXIN PROFILE OF PUFFER FISH AND ITS BACTERIAL ORIGIN
FROM EASTERN PART OF INDIA**

and for having fulfilled the prescribed requirements in the

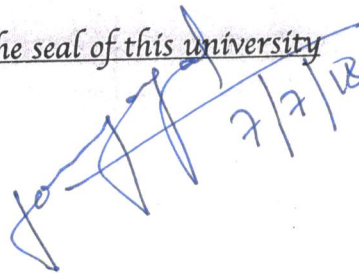
School of Bio Sciences and Technology

given this day the 21 January 2016



Given under the seal of this university


Vice - Chancellor




Chancellor



Birla Institute of Technology & Science, Pilani
Pilani | Dubai | Goa | Hyderabad

PROVISIONAL CERTIFICATE

*This is to certify that **BIBHUDUTTA MISHRA** (2015PHXF0013G) has fulfilled the requirements of graduation and has become eligible for the award of the Degree **Ph.D.** during **SECOND SEMESTER 2020-2021.***

Thesis Title: *“Relating RNA and Protein Structure Variation with Pathogenicity and Screening for Small Molecules with Pan-Serotype Activity in Dengue: A Bioinformatics Study”*

Date: 29-Jun-2021

Place: **PILANI**


REGISTRAR

C.R.P.2

Bibhudutta Mishra
23/07/2021

Utkal University

No. 008830

UTKAL UNIVERSITY

DIPLOMA FOR DOCTOR OF PHILOSOPHY (Ph.D.)

This is to certify that

.....**BIKASH RANJAN SAHU**.....

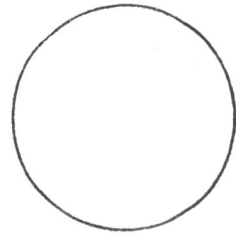
Who passed the examination for the degree of,

DOCTOR OF PHILOSOPHY

in**ZOOLOGY**..... held in the

month of**MAY**.....**2008**....., was this day

admitted to the degree.



UTKAL
UNIVERSITY
VANI VIHAR
BHUBANESWAR.

Bikash Sahu

Bikash Sahu
Vice Chancellor

The ...23rd January...2009....

ଉତ୍କଳ ବିଶ୍ୱବିଦ୍ୟାଳୟ

ବିଭୂଷଣ ଉପାଧି ପତ୍ର

.....୨୦୦୮..... ମସିହା ...ମଇ..... ମାସରେ ଅନୁଷ୍ଠିତ

.....ବିଜ୍ଞାନ..... ବିଭୂଷଣ

ଉପାଧି ପରୀକ୍ଷାରେ ...**ପ୍ରାଣୀବିଜ୍ଞାନ**..... ଉତ୍ତୀର୍ଣ୍ଣ

.....**ବିକାଶ ରଞ୍ଜନ ସାହୁ**..... କୁ

ଅବଧି ଏହି ଉପାଧି ପ୍ରଦତ୍ତ ହେଲା ।

ଉତ୍କଳ
ବିଶ୍ୱବିଦ୍ୟାଳୟ
ବାଣୀ ବିହାର
ଭୁବନେଶ୍ୱର

ବିକାଶ ସାହୁ
ପ୍ରଧାନ

୦୮ ୨୩/ ୦୧/ ୨୦୦୯



Centurion
UNIVERSITY

Shri Jagadgurur
Bhubaneswar, Odisha

Serial No: 072/Ph.D

**CENTURION UNIVERSITY OF
TECHNOLOGY AND MANAGEMENT, ODISHA**

(Estd. Vide Odisha Act 4 of 2010 & u/s 2 (f) of UGC Act, 1956)

Provisional Certificate

This is to Certify that

MR. GAGAN KUMAR PANIGRAHI

*is qualified for the award of
Degree of Doctor of Philosophy by Research
for the thesis*

***"STUDIES ON POST-TRANSCRIPTIONAL
REPROGRAMMING OF RESISTANCE GENES UPON
PATHOGEN INFECTION IN ARABIDOPSIS THALIANA."***

in

THE FACULTY OF ZOOLOGY

in the year 2021



AkRay

Deputy Director
(Examinations)



Centurion
UNIVERSITY
*Shaping Lives...
Empowering Communities.*

Serial No: 085/Ph.D

**CENTURION UNIVERSITY OF
TECHNOLOGY AND MANAGEMENT, ODISHA**

(Estd. Vide Odisha Act 4 of 2010 & u/s 2 (f) of UGC Act, 1956)

Provisional Certificate

This is to Certify that

Mr. PRADIP KUMAR PRUSTY

*is qualified for the award of
Degree of Doctor of Philosophy by Research*

for the thesis

**"STUDIES ON EXPLOITATION OF SOME SELECTED FLOATING
HYDROPHYTES IN THE TREATMENT OF WASTE WATER AND
THEIR UTILIZATION IN VERMICOMPOSTING."**

in

ZOOLOGY

in the year 2021




Deputy Director
(Examinations)

Utkal University

No. 009116

UTKAL UNIVERSITY

DIPLOMA FOR DOCTOR OF PHILOSOPHY (Ph.D.)

ଉତ୍କଳ ବିଶ୍ୱବିଦ୍ୟାଳୟ

ଡିପ୍ଲୋମା ଡକ୍ଟରାତର ପଦ୍ମ

This is to certify that

SIBA PRASAD PARIDA

Who passed the examination for the degree of,

DOCTOR OF PHILOSOPHY

in **ZOOLOGY** held in the

month of **DECEMBER** 2007, was this day

admitted to the degree.

..... ୨୦୦୭..... ମସିହା .. ଡିସେମ୍ବର .. ମାସରେ ଅନୁଷ୍ଠିତ

..... ବିଜ୍ଞାନ .. ବିଭାଗରେ .. ଡକ୍ଟରାତର ପଦ୍ମ

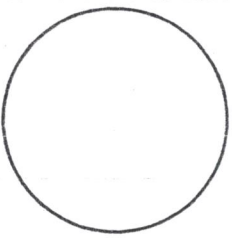
..... ପରୀକ୍ଷାରେ .. ପ୍ରାଣୀବିଜ୍ଞାନ .. ଶ୍ରେଣୀରେ

..... କ୍ରିତ ପ୍ରସାଦ ପରିଡ଼ା .. ଡିପ୍ଲୋମା

ଅବଦାନ ହୋଇଛନ୍ତି ।

ଉତ୍କଳ
ବିଶ୍ୱବିଦ୍ୟାଳୟ
ବାଣୀ ବିହାର
ଭୁବନେଶ୍ୱର

Siba Prasad Parida
29/12/18



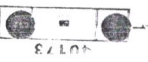
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The... 23rd January... 2009....

Signature
Vice Chancellor

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Provisional Certificate

This is to Certify that

Ms. SUNITA SATAPATHY

*is qualified for the award of
Degree of Doctor of Philosophy by Research
for the thesis*

***"STUDIES ON EARTHWORM ACTIVITY, SOIL
METABOLISM AND PLANT GROWTH WITH RESPECT
TO INDUSTRIAL FLY ASH OF DISTRICT JHARSUGUDA,
ODISHA, INDIA."***

in

ZOOLOGY

in the year 2022



Dated : 25th February, 2022

Nkray

Deputy Director
(Examinations)