

# Indian Institute of Technology, Madras



*hereby confers the degree of*

**Doctor of Philosophy**

*of the Institute*

*on*

**ARDHENDUMOULI MOHANTY**

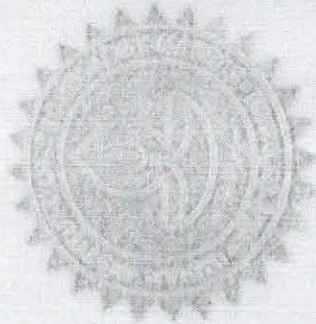
*for successfully completing the prescribed programme of study and  
presenting the thesis entitled*

**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

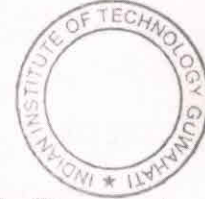
web : http://www.iitg.ernet.in/acad

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 23<sup>rd</sup> 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 its Privileges and Obligations

Given this Twenty-second day of August 1996

  
President of the Institute



*Dr. Roger Hawley*  
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**

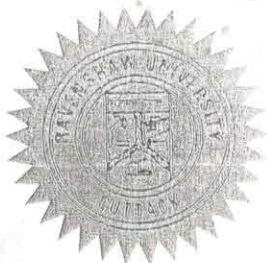
held in the month of April 2013,

has this day been admitted to the Ravenshaw University

Degree of

**DOCTOR OF PHILOSOPHY**

Vice-Chancellor



Personal File.

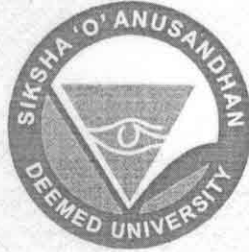
*[Handwritten signature]*  
16/7/13



# 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

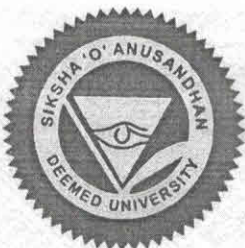
of

**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 ପଦକ୍ଷେପ

**DOCTOR OF PHILOSOPHY**

ସମ୍ପର୍କରେ ପରୀକ୍ଷାକ୍ରମରେ ଭାଗ ଗ୍ରହଣ

in MANAGEMENT

ପ୍ରମୋଦ କୁମାର ପାଟ୍ଟନାୟକ

held in the month of MAY, 2013

ଅବଶ୍ୟକୀୟତା ଉପରେ ପ୍ରବେଶ କଲେ

was this day admitted to the degree.

Fakir Mohan University  
Vyasa Vihar, Balasore, Odisha

The 21st April, 2015

Vice-Chancellor



ପ୍ରମୋଦ କୁମାର ପାଟ୍ଟନାୟକ  
ପଦ ବିଧିରେ ପଦକ୍ଷେପ ଗ୍ରହଣ

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

  
President of the Institute



  
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

Giber 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*

Registered in

*Electrical Engineering*

*H. C. J.*

*M. S.*  
Chairman

Head of Institute