# **Supporting Document for Quantitative Metric** 2.4.2

# Copies of Ph.D./D.Sc./D.Litt./L.L.D. Certificates

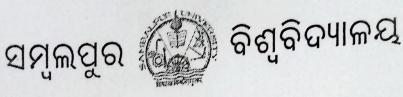




Submitted to NAAC
By

Einstein Academy of Technology and Management (EATM),
Bhubaneswar

# Sambalpur University



# DOCTOR OF PHILOSOPHY

This is to Certify that

# Abdul Kalam

having passed the examination for the degree of

# Doctor of Philosophy

in the faculty of Science on the thesis "Decision Making Policy of Manageria! Inventory Systems" held in the month of June, 2009, was this day admitted to the degree.

SAMBALPUR UNIVERSITY JYOTI VIHAR, BURLA

The 14th July, 2010

Alt way
Vice-Chancellon





# Fakir Mohan University

0266732

DIPLOMA FOR DOCTOR OF PHILOSOPHY (Ph.D.)

ବ୍ରଭିଷଣ ଉପାର୍ମ ପରି

This	is	to	certify	that

TAPAN KUMAR PANDA

who passed the examination for the degree of

#### DOCTOR OF PHILOSOPHY

ENGLISH

held in the month of \_\_\_\_DECEMBER, 2021

was this day admitted to the degree.

ମାସରେ ଅନୁଷିତ	୦୨୧ ମସିହାକିସେୟର	9098
id ଉପାଧି ପରୀକ୍ଷାରେ	ବଳା ବିଲୁଷଣ	6
ରେ ଜରୀର୍ଷ	<b>ଙ୍ଗରା</b> ଳୀ	
ଆ୍କ	ତପନ କୁମାର ପଣା	

ଅବ୍ୟ ଏହି ଉପାଧି ପୁବର ହେଲା ।

Fakir Mohan University Vyasa Vihar, Balasore, Odisha

The 21st January, 2023

Einstein Academy of Texhnology & Management Bhubaneswar, Khurda



END HOLM MASSILL

ଫକାର ମୋହନ ବିଶ୍ବଦି<del>ଧ୍ୟାଳୟ</del> ବ୍ୟାସ ବିହାର, ବାଲେଶ୍ୱର, ଓଡ଼ିଶା

ତା. ୨୧/୦୧/୨୦୨୩ ରିଖ

म्राम् क्रियारी

रूनचङ

# BERHAMPUR UNIVERSITY

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



# PROVISIONAL CERTIFICATE

# This is to certify that

GIRIJA PRASAD SAHOO

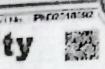
has been declared qualified for the award of Ph. D. degree in CHEMISTRY
of this university vide Berhampur University
notification no. 5805/Au/Exam.Conf. dated 17.12.2008.

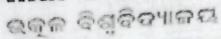
TITLE OF THE THESIS: "Study of some aspects of Environmental chemistry of Southern part of Chilika lake".

CONTROLLER OF EXAMINATIONS, BERHAMPUR UNIVERSITY



# Utkal University





S EISHIEFIE

# Degree of Doctor of Philosophy

This is to certify that

SUNITA BARIK

has been this day admitted to the degree of

DOCTOR OF PHILOSOPHY

in Chemistry

under the faculty of

Science & Technology

ବିତ୍ୟା ବିରୁଷଣ ଯୋଗ୍ୟତା ପତ୍ର

ବିଧାନ ଓ ପ୍ରଯୁତି ଦିବ୍ୟା ଯେନ୍ତରେ

ରପାୟନ ବିଜ୍ଞାନ ବିଷୟରେ

ସୁନିତା ବାରିକ କୂ

ଅଟ୍ୟ ଏହି କିଲ୍ୟା ବିଭୂଷଣ ଉପାଧ୍ ପ୍ରଦୟ ହେଲା ।

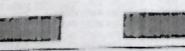
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The rock Moral, 2019

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Short

# NORTH ORISSA UNIVERSITY



ଉତ୍ତର ଓଡ଼ିଶା ଦିଶ୍ୱବିଦ୍ୟାଳୟ

DIPLOMA FOR DOCTOR OF PHILOSOPHY (Ph.D.)

ବିଭୂଷଣ ଉପାଧି ପତ୍ର

This is to corning that

ROJALIN SADUAL

who passed the examination for the degree of

DOCTOR OF PHILOSOPHY

CHEMISTRY

hold in the

month of

FEBRUARY 2016 was this day

Amitted to the Degree

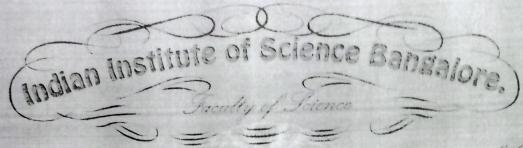
NORTH ORISSA UNIVERSITY SPIRAM CHANDRA YHAR BARIPADA

.... ମଧିବା ସମ୍ପର୍ଶତ ଅନୁର୍ବତ ଷଦ୍ୟ ଏହି ଉପାଧି ପ୍ରିଡର ହେଲା ।

ଉତ୍କର ଓଡ଼ିଶା ବିଶ୍ୱଚିତ୍ୟାଳୟ ଶ୍ରୀଭାନୀ ବହୁ ବିହାର, ବାହିଶ୍ରତା

ତା ବଳ ମାହି, ୨୦୧୭





The Council on the recommendation of the Senate of the

Institute hereby confers on

Ramakanta Naik

Doctor of Philosophy

in recognition of the research work on

Photo and Thermal Induced Studies on Sb/As<sub>2</sub>S<sub>3</sub> Multilayered and (As<sub>2</sub>S<sub>3</sub>)<sub>1-x</sub>Sb<sub>x</sub> Thin Films

Principal
Einstein Academy of Technology & Mana
Bhubaneswar, Khurda

P. Belman

21 March 2010

Chairman of the Council

# Atkal University

No. 909321

#### UTKAL UNIVERSITY

DIFLOMA FOR DOCTOR OF PHILOSOPHY (Ph.D.)

This is to certify that SANGHAMITRA PARIJA

Who passed the examination for the degree of,

DOCTOR OF PHILOSOPHY

CHEMISTRY

..... held in the

month of

August

2000 was this day

admitted to the degree.



UTKAL UNIVERSITY VANI VIHAR BHUBANESWAR

5th January, 2002

Vice Chancellor

#### ଉକ୍ଳ ବିଶ୍ୱବିଦ୍ୟାଳୟ

ବିକୃଷଣ ଉପାଧି ପତ୍ର

୨୦୦୦ ମସିହା ଅକର୍ ମାଗରେ ଅନୁଷ୍ଠିତ ବିଜ୍ଞାନ ବିଲୁଷଣ ଜଣାଧି ପରାଣାରେ ରସାଯ୍ୟ ବିଜ୍ଞାନ ରେ ଜଣାଇଁ ସଂଘମିତ୍ରା ପରିଳା କୁ

ଉକ୍ଳ ବିଶ୍ୱବିଦ୍ୟାଳୟ ବାଣୀ ବିହାର କୁଟନେଶ୍ୱର

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



# PROVISIONAL CERTIFICATE

#### NEEHA PRADHANI

Registration No :1781002018

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

"Synthesis and Characterization of Manganese Modified Bismuth Alkali Titanate Ceramics"

for the research conducted under the

**Department of Physics** 

Faculty of Engineering and Technology
(Institute of Technical Education and Research)

in the year 2021



Date 0 5 III 2021

Dr.

CONTROLLER OF EXAMINATIONS



# National Institute of Technology Rourkela

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

Doctor of Philosophy

OIL

Haripriya Mishra

who has successfully defended the thesis entitled
"Strategies for Removal of Hexavalent Chromium from Contaminated
Water in the Mining Area of Sukinda Valley"

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

Given this day, under the seal of the Institute at Rourkela in the Republic of India.

the 20th Day of January 2018.

Registrar

Finstein Academy of Technology & Wanagement Bhubanesynge, Churds

Director



# ு ண்ணாமலைப் பல்கலைக்கழகம்



# ANNAMALAI UNIVERSITY



# பொறியியற்புலம் FACULTY OF ENGINEERING AND TECHNOLOGY

ഈതെ, 2016

風的

குடிமுறை பணிப் பொறியியல்

ஹூ்ஜ் கே

பிரிவில்

தேர்வுகளில் நடத்திய

அமைக்கப்பெற்ற தோவுக்குழுவினர் சான்றளித்தபடி.

தோச்சியடைந்து ஆய்வேட்டை மதிப்பிட முறையாக ஆகின்றார் உரியவர் பெறுவதற்கு LLLID ஆய்வியல் அறிஞர் இதன்வழி அறிவிக்கின்றது.

என அண்ணாமலைப் பல்கலைக்கழக ஆட்சிக் குழு

The Syndicate of the ANNAMALAI UNIVERSITY hereby makes Known has been admitted to the

HARISH K

Dagree of DOCTOR OF PHILOSOPHY in CIVIL ENGINEERING

he/she having been certified by duly appointed Board of Examiners who valued

JULY, 2016. his/her thesis to be qualified to receive the same in

TITLE OF THE THESIS

A STUDY ON PROPERTIES & THERMAL RESISTIVITY OF GEO POLYMER CONCRETE FOR DIFFERENT CURING REGIMES.

பல்கலைக்கழக முத்திரை பெறுகின்றது Given under the seal of the University



அண்ணாமனவநகர்

Annamakanayar

STAT

Dated 30/01/2017

De controller of Examinations (Acceemic)

Dr.K.Arumugam

பதிவாளர் (பொறுப்பு)

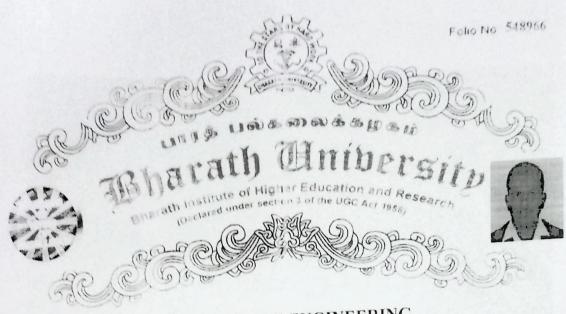
Realstrar (Vc)

Einstein Academy of Technology & Manage Bhubaneswar, Khurda

Dr.S. Manian

துணை வேந்தர்

Vice-Chancellor



# **FACULTY OF ENGINEERING**

The board of management of the Bharath University here by makes known that AHAMED IBRAAHIM M born on 31-JULY-1981 has been admitted to the DOCTOR OF PHILOSOPHY in CIVIL ENGINEERING, he/she having satisfactory completed the prescribed programme of study and have been certified by duly appointed Examiner to have qualified to receive the same at the examination held on FEB 2015 with Registration number D10CE012

Thesis Title:

Experimental Investigation on waste water treatment.

O 9 DEC 2015

T. Agaram Kond beenal 680 073 and Nado Siben under the Beat Wiff Inibersite

Elpstein Academy of Technology & Management

Einstein Academy of Technology & Bhubaneswar, Khur

VICE CHANCELLOR DER PTHOOVAMANI BEMBAMSCENGG

CONTROLLER OF EXAMINATIONS

DR.M. PREMJEYAKUMAR

REĞISTRAR DI Prof. S.M. RAJENDRAN MD.ERC. P/U KL FOMSA



Reg No. 7076022113/RG

The Syndicate of the Anna University hereby makes known that RANGANATHAN A has been admitted to the DEGREE OF DOCTOR OF PHILOSOPHY under the Faculty of Civil Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year 2014. The degree has been awarded in compliance with the 'University Grants Commission, Regulations 2009".

Title of the Thesis:

OF SELFCOMPACTABILITY DURABILITY AND STRENGTH GEOPOLYMER CONCRETE

Chemia 600 025

November 2014

Controller of Examinations

Given under the Seal of the University

Einstein Academy of Technology & Management

Bhubaneswar, Khurda

Chancellor

# அண்ணாமலைப்





### பல்கலைக்கழகம் UNIVERSITY



#### பொறியியற்புலம் FACULTY OF ENGINEERING & TECHNOLOGY



செப்பும்பர் 2012

கூடமைப்புப் பொறியியல் பாலமுருகன் இரா

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ஆய்வியல் அறிஞர்

Smain 31 3941

ுள் அண்ணாமலைப் பல்கலைக்கழக ஆளலை

Ly The seller

The Senate of the ANNAMALARUNIVERSITY hereby waves know

initia Crimingona, stami

that BALAMURUGAN R

Degree of DOCTOR OF PHILOSOPHY in STRUCTURAL ENGINEERING.

he/she having been certified by duly appointed Board of Examiners who will

graduent zigi mai samen a a telete a enguira mane, her e en e en en e a como en a

has her thesis to be chalified to receive the same in SEPTEMBER, 2012.

TITLE OF THE THEISIS

Disaster Management in Tsunami affected Portonova Beach

ten come may superior in a community of the University

Annamalamagar

Siret!

Dated: 04/10/2012

Dr.R. Meenakshisundaram

Registrati



#### BIJU PATNAIK UNIVERSITY OF TECHNOLOGÝ, ODISHA ROURKELA

Provisional

Dr Deepak Kumar Sahoo, Director, Examination

No: BPUT/Exam/ Ph.D/ 5857 /18

Date: 29.12.2018

#### NOTIFICATION

THE DEGREE OF DOCTOR OF PHILOSOPHY IN COMPUTER SCIENCE & ENGINEERING UNDER THE FACULTY OF ENIGNEERING

Shri Biswajit Tripathy is declared to have qualified for the award of the Ph.D Degree in Computer Science & Engineering under the Faculty of Engineering. The subject /Title of the Research is "Development of a Cyber Contract Framework"

#### BPUT Registration No.06DS005020

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

Director Examination

Date: 29.12.2018

Memo No: 5858 /2018

Copy Forwarded to:

1. Prof. Prasanta Kumar Patra, Dean, Engineering, BPUT, Odisha-Principal, CET,Bhubaneswar.

 Dr. S R Balasundaram, Professor, Dept of Computer Applications, NIT, Trichanappaalli (External Examiner)

3. Prof Durga Prasad Mohapatra, Professor, Dept of CSE, NIT, Rourkela, Chairman, DSC.

4. Prof A K Turuk, Professor, Dept of CSE, NIT, Rourkela, Member DSC.

5. Prof Mita Nasipuri, Professor, Dept of CSE, Jadavpur University, Jadavpur, Member DSC.

6. Prof B B Pati, Professor, Dept of Electrical Engineering, NIT, Rourkela.

7. Prof K K Mohapatra, Dept of ECE, NIT, Rourkela

8. Prof Sarat Kumar Das, Dept of Civil Engineering, IIT, Dhanbad

9. Prof Jayadev Rana, Dept of Mechanical Engineering, VSSUT, Burla

10. Prof Mahabir Panda, Professor, Dept of Civil Engineering, NIT, Rourkela

11. Dr. Jibitesh Mishra, Dept of IT, CET, Bhubaneswar (Supervisor)

12. Shri Biswajit Tripathy, Member Faculty, BCE, Bhubaneswar for Information and record.

Director, Examination

Principal
Einstein Academy of Technology & Management
Bhubaneswar, Khurda

Blydr

Scanned by CamScanner



# Fakir Mohan University

0147253

#### DIPLOMA FOR DOCTOR OF PHILOSOPHY (PLD.)

#### क्षेत्रव कवार वर्

This is to cartify that

who passed the examination for the degree of

DOCTOR OF PHILOSOPHY

in INF 4 COMM TECH (COMP SCI.)

held in the mondr of NOVEMBER, 2014

was this day admitted to the degree.

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याम की प्रतिभूतिक ध्याना

Faldr Mohan University Vyses Viter, Belseore, Odieha The 13th January, 2017



مع در محمد محمد عدم

SI. 22/02/2029 20

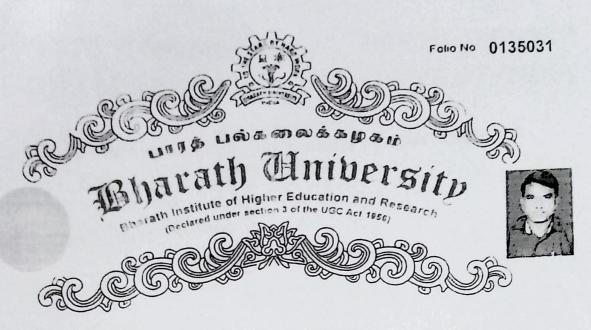
कि अपर्यास्त्री

# Utkal Unibersity ดจุล จิสุจิจฯเลง piploma for doctor of Philosophy (Ph.D.)

ବିଭୂଷଣ ଉପାଧ୍ ପତ୍ର SUBHENDU KUMAR PANI

This is to certify that.

who passed the Examination for the degree of Doctor of Militario ply						
in	Computer Science	under the Fact		Technology		
held in the	munth of Dece	mber 2013 w	as this day admitted to the Degre	е,		
१०१म	_ମସିହା ତିସେୟର	ମାୟରେ ଅନୁଷିତ	ବିଧାତ ଓ ପୁଯୁକ୍ତି ବିଦ୍ୟା	ଦିଭୂଷଣ ଜପାଧି ପରୀଞାରେ		
	ସଂଗ୍ରନ୍ଥନ ବିଷାନ	ରେ ଉରୀର୍ୟ	ଶିତ୍ୟଣ୍ଡି ଅଧିକ ପାଣ୍ଡ	_ଙ୍କୁ ଅବ୍ୟ ଏହି ଜଗାଧି ପ୍ରଦକ୍ତ ହେଇ ।		
Vani Mar, libr Odista, India For II' Sebruar			Principal Principal Principal Principal	After Dry Vice-Chancellar		



#### **FACULTY OF ENGINEERING**

The board of management of the Wharath University hereby makes has been known that MURALIBABU K born on 05-JUNE-1980 OF PHILOSOPHY DOCTOR admitted to the ENGINEERING, he/she having COMPUTER SCIENCE AND satisfactorily completed the prescribed programme of study and have been certified by duly appointed Examiner to have qualified to receive the same at the examination held on DEC 2013 with Registration number D06CE020

Thesis Title:

A Robust Video Watermarking Algorithm for Content Authentication Using DWT and SVD



Siben under the Seal of the University

DATE 27/02/2014 173 Ageram Road Chennai - 600 073 Tamil Nado

CONTROLLER OF EXAMINATIONS

DR.M.PREMJEYAKUMAR

REGISTRAR Dr. Prof. S.M. RAJENDRAN

O.ERC.P/UKLFOMSA

VICE - CHANCELLOR Dr.K.P.THOOYAMANI B.E,M.B.A,M.SC,ENGG..

Einstein Academy of Technology & Managam Scanned with Oken Scanner Bhubaneswar, Khurda







HINDUSTAN INSTITUTE OF TECHNOLOGY & SCIENCE (Estd. u/s 3 of UGC Act,1956)

The Board of Management on the recommendation of the Academic Council of the University

hereby confers on

#### EDURU NAGARJUNA

the degree of

Doctor of Philosophy

In the computer science and Engineering

for successfully completing the prescribed programme of study and presenting the thesis titled Design and Analysis of Novel Modified Cross Layer Controller for WMSN

Siven on this day, the 02nd of NOVEMBER 2016

Given under the Seal of the University

DATE 06-03-2017 Chennai , India

REGISTRAR

Shamelon VICE-CHANCELLOR

SONAN UNIVERS

This is to certify that

Satya Krishna . V

has been derly admitted to the

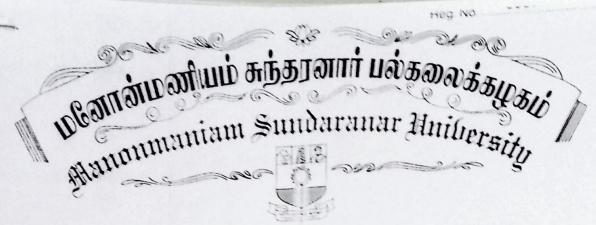
Degree of Doctor of Philosophy in Computer Science & Systems Engineering in this University. A having been declared to be

qualified to receive the same in

2013

Given under the . Post of the University

VISAKHAPATNAM
The 15 Morch 2013



## பொறியியற் புலம் FACULTY OF ENGINEERING

மனோன்மணியம் சுந்துனார் பல்கலைக்கழக ஆட்சிக்குமு பல்ல கருணாகர ரெட்டி

கணினி இயல் மற்றும் பொறியியல்

பாடப்பிரிவில்

அறிஞர் பட்டம் பெறுவதற்குத் தகுதியடையவர் என முறையாக அமைக்கப்பெற்ற ஜூலை 2015 ஆம் ஆண்டில் தேர்வினோர் சான்றளித்தவாறு இப் பட்டப்பேற்றுக்கு உரியவர் ஆகின்றார் என இதனையி அறிவிக்கின்றது.

பல்கலைக்கழக முத்சிரையுடன் இது வழங்கப்படுகின்றது.

The Syndicate of the MANONMANIAM SUNDARANAR UNIVERSITY
hereby makes known that PALLA KARUNAKAR REDDY
has been admitted to the Degree of Doctor of Philosophy in
COMPUTER SCIENCE AND ENGINEERING

he / she having been certified by duly appointed Examiners to be qualified to receive the same in the year



தருநெல்லேல், இந்தியா Tirunelveli, India நாள், Dated 22.02.2016 Jahr

Given under the seal of the University.

Principal

Einstein Academy of Technology & Management
Bhubaneswar, Khurda

Silly Usrm (Dr. S. Probahar)

Chiansmult

Controller of Examinations

(Dr.P.Govindaraju)

uglanismi Registrar (Dr.A.K.Kumaraguru)

Vice-Chancellor

# Singhania University



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Haculty of Edigidad	Moulali Sk.
This is to certify that	M. Shaik
the to some a course of while	in hitarities of
and having passed the requirement	ats by Examination and by thesis
has been admitted to the Degree of	
Mactar of	Philosophy
in the Subject of Campuler Scien	nce 8 Engineering
The title of the thesis is	An Effective Management
. after fill funkashlakan Bus Called and war	Vision of Data Mining.
the cambidate has been declared, o	malified for the award of the
Regree of July. B. on	J. Mr.
BNU	Principal my of Technology & Management baneswar, Khurda . Singhama
Hacheri bari, ihanjhana (Kaj) 2 7 MAR 2010	Mr. Minarallar
Parte	Hice-Chancellor



#### பொறியியற் புலம் FACULTY OF ENGINEERING

மனோன்மணியம் சுந்தரனார் பல்கலைக்கழக ஆட்சிக்குழு
ஸ்டிபன் தங்கராஜ் டி
கணினி இயல் மற்றும் பொறியியல் பாடப் பிரிவில்
அறிஞர் பட்டம் பெறுவதற்குத் தகுதியுடையவர் என முறையாக அமைக்கப்பெற்ற
தேர்வினோர் சான்றளித்தவாறு ஜூலை 2010 ஆம் ஆண்டில்
இப் பட்டப்பேற்றுக்கு உரியவர் ஆகின்றார் என இதன்வழி அறிவிக்கின்றது

The Syndicate of the MANONMANIAM SUNDARANAR UNIVERSITY
hereby makes known that STEPHEN THANGARAJ T
has been admitted to the degree of Doctor of Philosophy in
COMPUTER SCIENCE AND ENGINEERING
he/ she having been certified by duly appointed Examiners to be qualified
to receive the same in the year JULY 2010



Rrincipal

Rrincipal

Academy of Technology Schlengemender the seal of the University.

Bhubaneswar, Khurda

திருநெல்வேலி, இந்தியா Tirunelveli, India நாள். Dated 18-11-2010 SULL UGION (Dr.S.Prabahar) தோவாலையர்

Controller of Examinations

f. ymat., (Dr.P.Govindaraju)

Dr.P.Govindaraju பதிவாளர்

Registrar

(Dr.A.K.Kumaragur

(Dr.A.K.Kumaraguru) துணை வேந்தர் Vice-Chancellor

# ζισσοσιπισσειότεις. ΙΑΛΝΑΜΑΙΑΙ



# UNIVERSITY



#### प्रतिकार्यक्षाकः स्वतः प्रतिकारम् स्य प्रमुख्यम् स्थापितः स्याप्तिकारम्



(311), 2011 இன் கணிட்டியாழி அழிக்கியன் பழற்று. கொழிக்கில் சன்க நடித்திய தேரிவுகளின் கோர்க்கியன் நிறு ஆய்கேய் டை பழியம், முறையாக அகைக்கும் கிற தேரிவுக்கு தன்ன காண்றுளித்தப்படி ஆய்கேயில் அறிருநா பட்டம் காறுவத்திய காண்டி ஆண்ணர்

The Senate of the ANNAMALAI UNIVERSITE teres, were

that VENKATESAN K.G.S.

has been admitted

12

Degree of DOCTOR OF PHILOSOPHY in COMPUTER SCIENCE & ENGINEEPING

he/she having been certified by duly appointed Board of Examiner: his/her thesis to be qualified to receive the same, in MAY -2011.

THERE I THE THESIS.

And treal Study on Improvement of L. Commerce Sales Uses. Web mining Technologies in \$375

Annamalainagar

Dated: 09/02/2012

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And distract

Finsteln Academy of Technology & Management Bhubaneswar, Khurda

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# SIKSHA 'O' ANUSANDHAN

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



# PROVISIONAL CERTIFICATE

#### NIRJHARINEE PARIDA

Registration No: 1581001029

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 CommodityMarket Price Prediction Models for Indian Market Scenario Using Machine Learning Techniques"

for the research conducted under the

Department of Computer Science and Engineering

Faculty of Engineering and Technology

(Institute of Technical Education and Research)

in the year 2021

Date:

CONTROLLER OF EXAMINATIONS





Regn. No.: 1581001008

#### 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

# Prakash Chandra Jena

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

"Exploring Ensemble Learning Strategies for Classification and regression on Heterogeneous Datasets"

for the research conducted under the Faculty of Engineering and Technology (Department of Computer Science and Engineering) Given on this day, under the seal of the University at Bhubaneswar, Odisha, India.



Sale 24th Geliber, 2019



Vice Chancellor





Regn. No.: 1581001008

#### SIKSHA 'O' ANUSANDHAN

(Deemed to be University)

Bhubaneswar, Odisha, India.

Accredited by NAAC with 'A' Grado

upon recommendation of the Academic Council hereby confers the degree of

**Doctor of Philosophy** 

on

# Prakash Chandra Jena

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

"Exploring Ensemble Learning Strategies for Classification and regression on Heterogeneous Datasets"

for the research conducted under the
Faculty of Engineering and Technology
(Department of Computer Science and Engineering)
Given on this day, under the seal of the University
at Bhubaneswar, Odisha, India.



rate 76th Geober, 2019



Vice Chancellor



the front of Management Karun & University hereby makes known that

#### SIVARAMAN G

has been admitted to the degree of

Doctor of philosophy

#### COMPUTER SCIENCE AND ENGINEERING

Taculty of Engineering

having been certified in duly appointed examiners to be qualified to receive the same in February 2019

Title of the Thesis:

An High Efficiency Lung Cancer System with 3D-CNN Algorithm

Given under the seal of the University

Dated: 28 November 2019

Serial No. : D0358/1463

Register No.: 18045/11

# Miniticherry Aniversity

# **FACULTY OF ENGINEERING**

This is to certify that

#### RAMESH JVN

has been found eligible for the degree of

# DOCTOR OF PHILOSOPHY

Year

2017

Subject

COMPUTER SCIENCE & ENGINEERING

Title of the Thesis:

"EFFICIENT ALGORITHMS FOR THE MAXIMUM

CONVEX SUM PROBLEM "

He/She is hence admitted to the degree of Doctor of Philosophy Given under the Seal of the University



S. Eneganalhai Registrar

Puducherry

Date: 13 FEB 2017

Mise Chancellor

Principal

Finstein Academy of Technology & Management

Bhubaneswar, khurua

SI No. VSSUT/2020/1201





# Veer Surendra Sai University of Technology ବୀର ସୁରେନ୍ଦ୍ର ସାଏ ବୈଷୟିକ ବିଶ୍ୱବିଦ୍ୟାଳୟ

Upon the recommendation of the Board of Management, hereby confers the degree of

Doctor of Philosophy

in

Electrical Engineering

on

# Prakash Chandra Sahu

who has successfully completed the prescribed requirements for award of this degree in the year 2020.

Given under the seal of the University at Burla in the Republic of India on the  $4^{th}$  day of December, 2020.

Siddhi Vihar, Burla Sambalpur-768018 Odisha, India Date: 04-Dec-2020



Principal
Principal
Management

Stein Academy of Technology & Management
Bhubaneswar, Khurda ice Chancellor







सीनेट की अनुशंसा पर

#### भारतीय अभियांत्रिकी विज्ञान एवं प्रौद्योगिकी संस्थान, शिबपुर

का शासी गंडल

#### लक्ष्मीघर बिस्वाल

को

इंजीनियरिंग

a

#### डॉक्टर ऑफ फिलॉसफी

की उपाधि प्रदान करता है।

इन्होंने नियमों के तहत 31 जुलाई, 2020 में निर्धारित पाठ्यक्रम सफलतापूर्वक पूरा कर लिया है। भारतीय मणराज्य के अंतर्गत शिवपुर में यह संस्थान-मुद्धांकित उपाधि आज दिनांक 30 जून 2021 क) प्रदान की गई।

#### The Board of Governors

of the

Indian Institute of Engineering Science und Technology, Shibpur

upon the recommendation of the Senate hereby confers the degree of

Doctor of Philosophy

in

Engineering

on

# Laxmidhar Biswal

on his having successfully completed the prescribed requirements of the degree on

July 31, 2020

Given this day, under the seal of the Institute, at Shibpur in the Republic of India, the 30th day of June 2021.

Ranakay eperataa Registrar

Einstein Academy of Technology & Life of Salah Bhubaneswar, Khurda

िन्धिशक पुतं अश्यक्ष, सीनेड Director and Chairman, Senate





Incere of Management on the recommendation of the Academic Council of the University

#### RAMPRABU G

the digree of

#### Partor of Philosophia

In the Descriment of Electronics and Communication Engineering for enccessfully completing the prescribed programme of study and presenting the thesis titled Design and Analysis of Novel Modified Cross Layer Controller for WMSN

Then on this day, the Band of NOVEMBER 2015.

Commeber fie Bealet fie Diefere ig

Contract and the second and the seco

# SIKSHA 'O' ANUSANDHAN

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



# PROVISIONAL CERTIFICATE

#### DILIP KUMAR NAYAK

Registration No :1271016002

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

"Fault Monitoring and Diagnosis of Mineral Processing Equipment Using Signal Processing Techniques"

for the research conducted under the

Department of Electronics and Communication Engineering

Faculty of Engineering and Technology
(Institute of Technical Education and Research)

in the year 2020



Date: 2.8..QCJ .. 2020

CONTROLLER OF EXAMINATIONS

Dilip Kuman Mayok

Principal
Einstein Academy of Technology & Management

Reg. No.: 2011407201

# அண்ணாமலைப் ANNAMALAI



# பல்கலைக்கழகம் UNIVERSITY



# பொறியியற்புலம் $\mathcal{FACULTY}$ $O\mathcal{F}$ ENGINEERING & TECHNOLOGY

ஜூன் 2016 இல் மின்னனு மற்றும் தொடர்பியல் பிரிவில் நடத்திய தேர்வுகளில் எரபோய்ன ஸ்ரீனிவாசுலு தேர்ச்சியடைந்து ஆய்வேட்டை மதிப்பிட முறையாக அமைக்கப்பெற்ற தேர்வுக்குழுவினர்சான்றளித்தபடி ஆய்வியல் அறிஞர் பட்டம் பெறுதற்கு உரியவர் ஆகின்றார் என அண்ணாமலைப் பல்கலைக்கழக ஆட்சிக்குழு இதன்வழி அறிவிக்கின்றது

The Syndicate of the Annamalai University hereby makes known that YERRABOINA SREENIVASULU has been admitted to the Degree of DOCTOR OF PHILOSOPHY in ELECTRONICS AND COMMUNICATION ENGINEERING he/she having been certified by duly appointed examiners Who Valued

his/her thesis to be qualified to receive the same in JUNE 2016.

TITLE OF THE THESIS

EXPLORATION OF FAULT FREE ERROR CODING TECHNIQUE FOR DYNAMIC AND STATIC MEMORY APPLICATIONS

பல்கலைக்கழக முத்திரை பெறுகின்றது Given under the seal of the University



Annamalai Nagar - 608002

துணை தேர்வாணையர் (கல்வி

De le Minugam

Dr.S.Manian துணைவேந்தர்



#### भारतीय ष्रौद्योगिकी संस्थान मुंबई

#### राजशेखरा

को एनद्दारा

#### विद्या वाचरमति

की उपाधि प्रवान करता है ।

अभिषय की अनुशंसा पर संस्थान की पुश्कित यह उपाधि, अवाधि हेतु विनियमों में बिहित अपैक्षाओं को पूर्ण कर लेने पर तथा अपैल 2006 में अपने शोध-प्रथंध के सफल प्रवर्गायन के उपाप्त, मुंबई, भारतीय गणभावा में आज 11 अगला, 2006 को थी नह ती।

#### Inclim Institute of Technology Bombay

upont recombine station of the Senate hereby confers the degree of

De Maria Philosophia

On

#### Rajastiekhma

who has fulfilled the requirements for the segree of prescribed inder the regulations and successfully detended a April 1986, the thesis initited?

"Novel Image Remova Deferences Approved Approaches".

Given this day, under the against the Institute at Mombas in the Republic of India the 11th day of August 2000

विश्व श्रीति

्रात्माचा स्टाबाबा अस्तर शानी रहत

Principalisman, Board of Governors

## BERHAMPUR UNIVERSITY

BHANIA BIHAR, BERHAMPER-20007, GANIAM (ODISHA



# This is to certify that

DERASIS MOHANTA

has been declared qualified for the award of BNANT. Ph. D. degree in—

of this university vide Berhampur University
notification no. 1020/EC-11(M.Ph.I.) 2022Dt. 31-03-2022

TITLE OF THE THESIS: "Adaptive Neurofuzzy Inference System (ANFIS) for Feature Extraction of

Biomedical Signals."

CONTROLLER OF EXAMINATIONS
BERHAMPUR UNIVERSITY



## BIJU PATNAIK UNIVERSITY OF TECHNOLOGY, **ODISHA**

Prof. B. B. Mangaraj Director Examinations

> No. BPUT/IV/Exam/589/22/1111 Dated 15.03.2023

#### NOTIFICATION

### THE DEGREE OF DOCTOR OF PHILOSOPHY IN ENGINEERING

AROBINDA DASH is declared to have qualified for the award of the Ph.D Degree under the Faculty of Engineering in Electrical Engineering. The subject / title of the Thesis is "Study of Performance Analysis for Solar PV System Connected to Unbalanced Grid"

BPUT Registration Number: 13DS006001.

The Degree will be conferred on him at the Annual Convocation of the University for the Academic Year 2022-23.

The Medium of Instruction is ENGLISH.

Director, Examinations

Memo No 1112 / 2023 Copy forwarded to

Dated 15.03.2023

- Prof. Durgesh Prasad Bagarty, CET, Bhubaneswar Supervisor i)
- Prof. P. K. Hota, VSSUT, Burla Co-Supervisor ii)
- Dr. Debasisha Jena, Asso. Professor, NIT, Karnataka Examiner iii)
- Prof. Nidul Sinha, Dept. of EE, NIT, Silchar Examiner iv)
- V) Prof. Sribatsa Behera, CET, Bhubaneswar - Chairman, DSC
- Prof K. B. Mohanty, NIT, Rourkela Member, DSC vi)
- Prof. P. Dash, Dept. of EE, IGIT, Sarang Member, DSC vii)

viii) Arobinda Dash, Scholar for information and record.

Director, Examinations

Memo No 1113 / 2023

Copy forwarded to:

Dated 15.03.2023

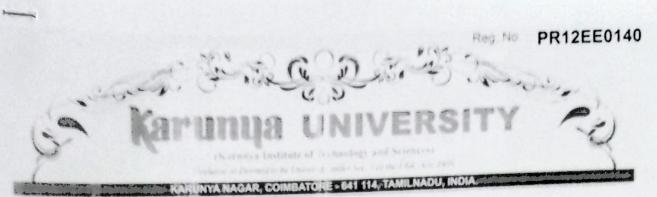
2001

- The Additional Secretary to Chancellor for kind information of Hon'ble Chancellor, Raj Bhawan, Unit-VII, Bhubaneswar,
- The Joint Secretary to Government, Skill Development & Technical Education Department, ii) Odisha, Bhubaneswar,
- The Secretary, University Grants Commission, Bahadur Shah Zaigr iii)
- The Member Secretary; All India Council for Technical Education, Nelson Mandela Marg, iv) Vasant Kunj, New Delhi, Pin- 110070.

Einstein Academy of Technology & Management Bhubaneswar, Khurda

arv2

++ 02 ++





The Board of Management
of
Karunya University
hereby makes known that

### POORNACHANDRAN J

has been admitted to the Degree of

Doctor of Philosophy

in

ELECTRICAL AND ELECTRONICS

Faculty of Engineering

having been certified by duly appointed examiners to be qualified to receive the same in May 2016

Title of the Thesis:

Design and Development of Web based Embedded Controller for Electric Drives



Given under the seal of the University

Dated 16 November 2016

Carl Hundres

Vice Chancellor

There of the state of the state

Principal

Einstein Academy of Technology & Management

Bhubaneswar, Khurda

Reg. No. 2013960824

# SATHYABAMA UNIVERSITY

(Established under section 3 UGC Act. 1956;

( A CHRISTIAN MINORITY INSTITUTION) சத்யபாமா பல்கலைக்கழகம்

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(வரித்துவ சிறு டாமையின் சுவவி நிறுவன்ப

ELECTRICAL AND ELECTRONICS ENGINEERING FACULTY OF



Manageme The Board of

DE DEGREE OF INDICATE

Sanyahama

University.

bereby makes known that

RSHANKAR

has been conferred

SEEL LOPHY.

having been certified by duly upper mind

FERRUARY 2017

for the ties entirel

PER FOR HYBRID ELECTRIC VEHICLE

Given under the seal or by university, at chemna: I is

exeminers to be applied

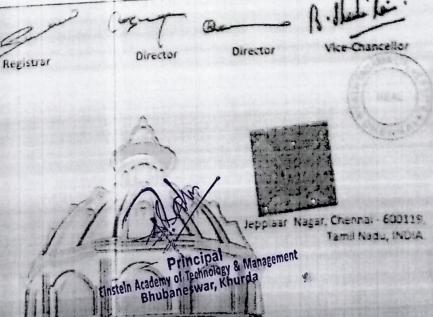
كان وحث

July 2017

Given under the seal of the University



Date July 10, 2017





For So Primarate



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



#### DOCTOR OF PHILOSOPHY

**Electrical Engineering** 

on



#### **SUNITA PAHADASINGH**

who has successfully completed the courses of study in the year 2022 as prescribed under the regulations The title of the thesis being "Load Frequency Control Strategies in Power System Integrated with Renewables aring Meta-heuristic Techniques"

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

First day of October Two Thousand Twenty Two

Registrar

Einsteln Academy of Technology & Management
Bhubaneswar, Khurda

### 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

### **BIJAYA KUMAR MOHAPATRA**

who has successfully completed the courses of study in the year 2023 as prescribed under the regulations

The title of the thesis being "Load Frequency Control in Deregulated Power System Integrated with RES using Intelligent

Techniques"

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

Registrar

Vice-Chancellor

Principal
Einstein Academy of Technology & Mar
Bhubaneswar, Khurda

SI No : 574

# SIKSHA 'O' ANUSANDHAN

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



# AL CERTIFICATE

## SMRUTIRANJAN NAYAK

Registration No :1981001036

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

"Frequency Regulation of Interconnected Power System with Different Controllers"

for the research conducted under the

**Department of Electrical Engineering** 

Faculty of Engineering and Technology

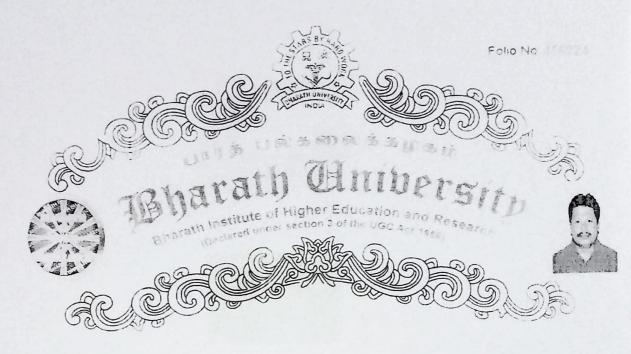
(Institute of Technical Education and Research)

in the year 2022



Date: 2 8 NOV 2022

Principal Einsteln Academy of Technology & Management



## FACULTY OF ENGINEERING

The board of management of the Pharath University here by makes known that RAJSELVAN Chorn on 22-JLLY-1975 has been admitted to the DOCTOR OF PHILOSOPHY in ELECTRICAL AND ELECTRONICS. he/she having satisfactory completed the prescribed programme of study and having been certified by duly appointed examiner to have qualified to receive the same at the Examination held on JUNE 2015 with Registration Anumber DIIEE004.

Thesis title:

A Novel Zone Division Approach for Power System Fault Detection Using ANN-Based Pattern Recognition Technique



Given under the Seal of the University

DATE 173 Agaram Road CONTROLLER OF

In Atabemy of Technology & Management

# भावतीय प्रौद्योगिकी संस्थान (भावतीय व्यनि विद्यापीठ), धनबाद



अभिषद् की अनुशंसा पर शुभेन्दु शेखर साहु को



\_----

विद्या वाचस्पति की उपाधि शोध प्रबधं शीर्षक



एनहैंन्समेन्ट ऑफ़ फाल्ट राइड थू कैपबिलिटी फोर डबली फेड इंडक्शन जेनेरेटर बेस्ड विन्ड एनर्जी कन्वर्शन सिस्टम

में, विनियमों में विहित अर्हताओं को दिनांक 15 जनवरी 2021 को सफलतापूर्वक पूर्ण कर लेने के उपरांत, भारतीय गणराज्य के अंतर्गत धनबाद में यह मुद्रांकित उपाधि दिनांक 24 मार्च 2021 को प्रदान करता है।

Indian Institute of Technology (Indian School of Mines), Phanbad On the recommendation of the Senate, hereby confers upon

Subhendu Sekhar Sahoo

the Begree of Doctor of Philosophy on the Research Title

ENHANCEMENT OF FAULT RIDE THROUGH CAPABILITY FOR DOUBLY FED INDUCTION GENERATOR BASED WIND ENERGY CONVERSION SYSTEM

on successful completion of the requirements prescribed under the regulations, on 15th Ianuary 2021 for the award of this degree. Given this day, under the seal of the Institute at Phanbad in the Republic of India, the 24th day of March, 2021.

भु भाव ह

निदेशक एवं अध्यक्ष, अधिक्र Principal अध्यक्ष, शासक मंडल Birector Ansteln Academy of Technology Khurda पी, शासक मंडल Bhubaneswar, Khurda Chairman. Chairman, Senate Bouernors



# भारतीय प्रौद्योगिकी संस्थान मुंबई

को एतद्दाग

### विद्या वाचस्पति

की उपाधि प्रदान करता है ।

अभिषद की अनुशंसा पर संस्थान की मुट्रांकित यह उपाधि, अबाप्त हेतु विनियमों में विहित अपेक्षाओं को पूर्ण कर लेन पर तथा अपेल 2007 में अपने शोध प्रवंध के सफल पक्षपोषण के उपरांत,



upon recommendation of the Senate hereby confers the degree of

## Doctor of Philosophy

on

Manjunath T. C.

who has fulfilled the requirements for the degree as prescribed under the regulations and successfully defended in April 2007, the thesis entitled !

"Multirate Output Feedback Control of Cantilever Beams Using Smart Structure Concept".

Given this day, under the seal of the Institute at Mumbai in the Republic of India.

the 10th day of August 2007.

Shaline -



Alleheder

क्रव्यक्ष आयो पञ्चन Chairman Roard of Governors



No. - PHD230004



### 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



#### JAGANNATH PARAMGURU

who has successfully completed the courses of study in the year 2023 as prescribed under the regulations

The title of the thesis being "Some Studies in Dynamic Economic Dispatch by Using Computational Intelligence Approach Incorporating Microgrid"

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

Registrar

Principal
Einstein Academy of Technology & Management
Bhubaneswar, Khurda



# Sambalpur University



## DOCTOR OF PHILOSOPHY

This is to Certify that

## Suvendu Prasad Sahu

having passed the examination for the degree of

# Doctor of Philosophy

in the faculty of Engineering on the thesis "A Study on Solid Particle Erosion Wear Response of Plasma Sprayed Fly Ash Coatings" held in the month of April, 2012, was this day admitted to the degree.

SAMBALPUR UNIVERSITY

Principal
Einstein Academy of Technology & Management Probunity
Bhubaneswar, Khurda



## KALINGA INSTITUTE OF INDUSTRIAL TECHNOLOGY



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



### **DOCTOR OF PHILOSOPHY**

in

Mechanical Engineering

on

#### JITENDRA NARAYAN BISWAL



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 OF SUSTAINABLE SUPPLY CHAIN MANAGEMENT IN INDIAN THERMAL POWER SECTOR"

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

J.

Vice - Chancellur



## भारतीय प्रौद्योगिकी संस्थान गुवाहाटी विद्या परिषद की अनुशंसा पर यांत्रिक अभियांत्रिकी में विद्या वाचस्पति का अणी

## बिस्वजीत नायक

को इस उपाधि के प्रदान हैतु विनियम विहित अपेक्षाएँ अगस्ट 2013 में सफलतापूर्व है पूर्ण करने पर प्रदान करता है। भारतीय गणराज्य के अंतर्गत गुवाहाटी में आज 13 जुलाई 2014 को सस्थान 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
Mechanical Engineering
on
Biswajit Nayak

who has successfully completed in August 2013, the requirements prescribed under the regulations for the award of this degree.

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

Thesis Title: DYNAMIC STABILITY OF MAGNETORHEOLOGICAL ELASTOMER BASED SANDWICH BEAMS

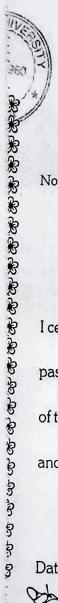
GANTAN BONDS

निदेशक एवं अध्यक्ष, विचा परिषद Director and फ्लर्सीचेय

proleipal

Mente.

Registrifein Academy of Technology & Managemental Assa Bhubaneswar, Khurda Charman



## RANCHI UNIVERSITY

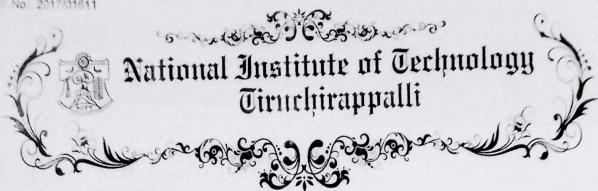
No. 2013/ 2520



### PROVISIONAL CERTIFICATE

I certify that Umasankar	Das has
passed the Ph.D (Faculty of E	ingineering. Examination
of this University held in the month of	April 2019
and was placed in the	Division/Class
Dated Ranchi the 04 06/2019	Formong Registrar

Principal
Einstein Academy of Technology & Management
Bhubaneswar, Khurda



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

## C VASANTHAKUMAR

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

INVESTIGATIONS ON APPLICATION OF LEAN REMANUFACTURING CONCEPTS TO AUTOMOTIVE PRODUCTS

at the viva-voce examination held on Second January 2017

Given this day the twelfth of Hugust, 2017 Under the seal of the Institute





TIRUCHIRAPPALLI - 620 015, NDIA

Regularites

- Principal

Director & Chairperson,

Beard of Severner

Einstein Academy of Technology & Management Bhubaneswar, Khurda



## INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

upon the recommendation of the Senate hereby confers the degree of

#### **Doctor of Philosophy**

on

#### Upasana Priyadarshani Padhi

in recognition of the research work on

Decaying Laser Spark and its Application in Wave Drag Reduction

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

Registrar

Director

Einstein Academy of Technology & Management Bhuhaneswar, Khurda



Reg. No. - 17547257242

## KALINGA INSTITUTE OF INDUSTRIAL TECHNOLOGY

(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

Mechanical Engineering

on



#### **MAMUNI ARYA**

who has successfully completed the courses of study in the year 2023 as prescribed under the regulations

The title of the thesis being "CHARACTERISTICS ANALYSIS OF IC ENGINE USING ARGEMONE MEXICANA BIODIESEL

BLENDED WITH OXYGENATED ADDITIVE EXPERIMENTALLY ALONG WITH ANN APPROACH"

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

Nineteenth day of August Two Thousand Twenty Thee

Registrar

Principal
Einstein Academy of Technology & Management

Vice-Chancellor

Riving Trans Churds

To e Verify the authenticity of this certificate visit www kill ac in

# पी.के.विश्वविद्यालय शिवपुरी (एम.पी) P.K. UNIVERSITY SHIVPURI (M.P)





## विद्या-वाचस्पति

यह प्रमाणित किया जाता है कि परीक्षकों की विधिवत नियुक्त बोर्ड की सिफारिश पर और शोध प्रबन्ध हकदार की स्वीकृति पर

"प्राकृतिक फाइबर प्रबलित संकर कंपोजिट के यांत्रिक गुणों पर प्रयोगात्मक जांच"

## डी.सुब्रमणि

जून 2019 को इस विश्वविद्यालय के यांत्रिक अभियांत्रिकी स्कूल के तहत दर्शनशास्त्र (विद्या-वाचस्पति) के डॉक्टर की डिग्री के लिय योग्य प्रमाणित किया जाता है ।

विश्वविद्यालय की मुहर के तहत दिया गया

दिनांकः 29 नवंबर 2019

### DOCTOR OF PHILOSOPHY

This is to certify that on the recommendation of the duly appointed board of examiners and on the approval of thesis entitled

"EXPERIMENTAL INVESTIGATION ON THE MECHANICAL PROPERTIES OF NATURAL FIBER REINFORCED HYBRID COMPOSITES"

#### D. SUBRAMANI

has been qualified for the degree of **Doctor of Philosophy (Ph.D.)** under the **School of**Mechanical Engineering of this University on June 2019

Given under the seal of the University

Dated: 29 November 2019

Registrar

www.pkuniversity.edu.in

Einstein Academy of Technology & Management Bhubaneswar, Khurda





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



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



#### DOCTOR OF PHILOSOPHY

Mechanical Engineering

on



#### AJAY KUMAR SAHU

who has successfully completed the courses of study in the year 2022 as prescribed under the regulations The title of the thesis being "Computational modeling of pulverized coal combustion to investigate NO reduction using methane as reburn fuel"

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

First day of October Two Thousand Twenty Too

Registrar

Einstein Academy of Technology & Management Bhuhaneswar, Khurda

Roll No.14MT92R03



### INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

upon the recommendation of the Senate hereby confers the degree of

**Doctor of Philosophy** 

on

Sudipta Kumar Mohapatra

in recognition of the research work on

Development of Aluminum Added Medium Manganese Steel for Automotive Applications

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

Registrar

Principal
Einstein Academy of Technology & Management
Bhubaneswar, Khurda



# RAVENSHAW UNIVERSITY

**School of Commerce and Management** 

## ଚିତ୍ତରଞ୍ଜନ ମହାରଣା

ରେଭେନ୍ସା ବିଶ୍ୱବିଦ୍ୟାଳୟ ଦ୍ୱାରା ଅନୁମୋଦିତ ପାଠ୍ୟକ୍ରମ ସମାପନପୂର୍ବକ ୨୦୧୮ ମସିହା କୁନ୍ ମାସରେ ଅନୁଷ୍ଠିତ ପରିଚାଳନା ବିଭୂଷଣ ପରୀକ୍ଷାରେ ଉରୀର୍ଷ ହୋଇଥିବାରୁ ଅଦ୍ୟ ଏହି ଉପାଧି ପ୍ରଦାନ କରାଗଲା । ଉପାଧି

ବିଭୂଷଣ, ପରିଚାଳନା

## Chitta Ranjan Moharana

having completed the Ravenshaw University
approved course of study and passed the examination
Doctor of Philosophy in Management
held in the month of June, 2018
has this day been admitted to this

Degree of

**Doctor of Philosophy in Management** 

Odioha & GOQUIQI, 9000 Date: 6 February, 2019

କୁଳପଚି Vice -Chancellor

# RAVENSHAW UNIVERSITY

## School of Commerce and Management

## ସଂଘମିତ୍ରା ନାୟକ

ରେଭେନ୍ସା ବିଶ୍ୱବିଦ୍ୟାଳୟ ଦ୍ୱାରା ଅନୁମୋଦିତ ପାଠ୍ୟକ୍ରମ ସମାପନପୂର୍ବକ ୨୦୧୮ ମସିହା ଭୁନ୍ ମାସରେ ଅନୁଷିତ ପରିଚାଳନା ବିଭୂଷଣ ପରୀକ୍ଷାରେ ଉର୍ଗର୍ଷ ହୋଇଥିବାରୁ ଅଦ୍ୟ ଏହି ଉପାଧି ପ୍ରଦାନ କରାଗଲା । ଉପାଧି

ବିଭୂଷଣ, ପରିଚାଳନା

## Sanghamitra Nayak

having completed the Ravenshaw University
approved course of study and passed the examination
Doctor of Philosophy in Management
held in the month of June, 2018
has this day been admitted to this

Degree of

**Doctor of Philosophy in Management** 

s ଫେବ୍ଆରୀ, ୨୦୧୯

6 February, 2019

- Principal

କୁଳପଡ଼ି

Vice-Chancellor

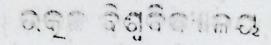
Unstein Academy of Technology & Management Bhubaneswar, Khurda No 2017050493

Roll No. PhD2017090



# **Utkal University**







## Degree of Doctor of Philosophy

This is to certify that

**RAGHUNATH SAHOO** 

has been this day admitted to the degree of

DOCTOR OF PHILOSOPHY

in Economics

under the faculty of

**Humanities & Social Science** 

ବିଦ୍ୟା ବିଭୂଷଣ ଯୋଗ୍ୟତା ପତ୍ର

କଳା ଓ ସମାକ ବିଜ୍ଞାନ ବିଦ୍ୟା କ୍ଷେତ୍ରରେ

ଅର୍ଥନୀତି ବିଷୟରେ

ରଘୁନାଥ ସାହୁ କୁ

ଅଦ୍ୟ ଏହି ବିଦ୍ୟା ବିଭୂଷଣ ଉପାଧ୍ ପ୍ରଦର ହେଲା ।

र्ह्यात्त्रस् वहराकृत

The 21st August, 2018

The Thompson

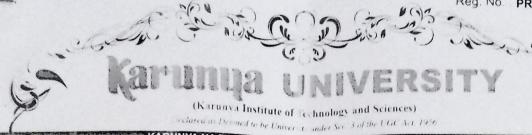


Vice Chancellor
Cahinaly Sah

ein Academy of Technology & Management Bhubaneswar, Khurda

誕







The Board of Management

Karunya University hereby makes known that

#### JAYAKUMAR C

has been admixted to the Degree of

Doctor of Philosophy

in

ELECTRONICS AND COMMUNICATION

Faculty of Engineering

having been certified by duly appointed examiners to be qualified to receive the same in January 2012

Title of the Thesis:

Multirate VLSI signal processing for embedded applications



Given under the seal of the University

Dated: 20 June 2012

Paul Thinakaran Chancellor

Vice Ch a cellor

Disch horasom Registrar

Einstein Academy of Technology & Management
Bhubaneswar, Khurda



#### FACULTY OF ENGINEERING

The Board of Management of the Bharath University hereby makes known that R SIVAKUMAR born on 23-Jul-1978 has been admitted to the Degree of DOCTOR OF PHILOSOPHY in ELECTRONICS AND COMMUNICATION, he/she having satisfactorily completed the prescribed programme of study and having been certified by duly appointed examiners to have qualified to receive the same at the Examination held on OCTOBER 2011 with Registration Number D07EC019

Thesis Title:

Classification Problems Using Intelligent Algorithms.

