

பாரதியார் பல்கலைக் கழகம் Bharathiar University

அறிவியல் புலம்

FACULTY OF SCIENCE

பாரதியார் பல்கலைக் கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு, சன்னி ஜோசப் கலயத்தங்கள், 2018ஆம் ஆண்டு, முசம்பர் 14ஆம் கணிப்பான் அறிவியல் நாளில் ஆய்வியல் அறிஞர் என்னும் பிரிவில் என்னும் பெறத் தகுதியடைந்திருப்பதாகச் பட்டம் சான்றளித்ததை ஏற்று. அவருக்கு அந்தப் பட்டத்தைப் பல்கலைக் இலச்சினையுடன், கழக பாரதியார் பல்கலைக் கழக ஆட்சிக் **(4)** வழங்குகின்றது.

The Syndicate of the Bharathiar University hereby makes known that SUNNY JOSEPH KALAYATHANKAL has been admitted to the Degree of DOCTOR OF PHILOSOPHY in COMPUTER SCIENCE, having been certified by duly appointed Examiners to be qualified to receive the same on 14th DECEMBER 2018.



Given under the Seal of the University.

கோயம்புத்தூர்

Coimbatore

நாள்

தேர்வாணையர்(பொ)

Dated: 18th December 2019 Controller of Examinations i/c ISSUED ON - 3 (CT 2020)

Registrar(i/c)

. அணைவேந்தர்

Vice-Chancellor



FACULTY OF SCIENCE

The Senate of the University of Kerala hereby makes known that Sunny Joseph Kalayathankal has been admitted to the Degree of Doctor of Philosophy, he having been certified by duly appointed examiners to be qualified to receive the same.

Subject Mathematics

Title of the Thesis Mathematical Modeling of change in space of surface water in a tropical River System -Rain to Repository

Date of Award: 28/12/2010

Given under the scal of the University

University Buildings Thiruvananthapurum October 17, 2011



Vice Chancellor

Sl.No: 2017885



The Board of Management of the Kalasalingam University hereby makes

known that Mr/Ms

KARTHIK C

has been

admitted to the DEGREE OF DOCTOR OF PHILOSOPHY under the Faculty of

Instrumentation and Control Engineering having been certified by the

July appointed examiners to be qualified to receive the same in the year 2017

Title of the thesis:

COMPUTATIONAL INTELLIGENT TECHNIQUES FOR SYSTEM IDENTIFICATION AND CONTROLLER TUNING OF DRYING PROCESS IN PAPER INDUSTRY

Given under the seal of the University



Anand Nagar,

Krishnankoil - 626 126,

Eamil Nadu, India

Date: 19-08-2017

Controller of Examinations



Registrar

Vice - Chancellor

Indian Institute of Science

THE COUNCIL OF THE INDIAN INSTITUTE OF SCIENCE,

ON THE RECOMMENDATION OF THE SENATE,

HEREBY CONFERS ON

GEORGE RAPHEAL

THE DEGREE OF

Doctor of Philosophy

AWARDED AT BANGALORE ON THE 03 DECEMBER 2016

Aures luman
DIRECTOR



P. Pama Ros CHAIRPERSON, COUNCIL



भारतीय प्रौद्योगिकी संस्थान मुंबई एग्नेस एन्टो सी

को एतद्द्वारा

विद्या वाचस्पति

की उपाधि प्रदान करता है।

अभिषद की अनुशंसा पर संस्थान की मुद्रांकित यह उपाधि अवाप्ति हेतु विनियमों में विहित अपेक्षाओं को पूर्ण कर लेने पर तथा अपने शोध-प्रबंध के सफल पक्षपोषण के उपरांत मुंबई, भारतीय गणराज्य मे आज 23 फरवरी, 2019 को दी गई है।

Indian Institute of Technology Bombay

upon recommendation of the Senate hereby confers the degree of

Doctor of Philosophy

on

Agnes Anto C

who has fulfilled the requirements for the degree as prescribed under the regulations and successfully defended the thesis entitled: "Contemporary Issues in Efficient Functioning of Bioreactor Landfills."

Given this day, under the seal of the Institute at Mumbai in the Republic of India, the 23rd day of February 2019.



अध्यक्ष, अभिषद Chairman, Senate कुलसचिव Registrar Sieseer Ilum

अध्यक्ष, शासी मंडल Chairman, Board of Governors URL: https://portal.iitb.ac.in/verify Verification Ticket Number 93 8146 1871 7223 47

12849

राष्ट्रीय प्रौद्योगिकी संस्थान कालिकट National Institute of Technology Calicut

March March March March





Upon the recommendation of the Senate hereby confers on

ANITHA JACOB

the degree of

Doctor of Philosophy

in the year 2013

Based on the thesis entitled:

"GEOMETRIC DESIGN CONSISTENCY AND SAFETY OF TWO-LANE RURAL HIGHWAYS"

Given at the National Institute of Technology Calicut

on 16^h December, 2013

Registrar

Director

Chairman
Board of Governors



ANNA UNIVERSITY CHENNAI - 600 025

PROVISIONAL CERTIFICATE

Folio No.: RAR011065

This is to certify that the candidate has qualified for the award of *Degree of Doctor* of *Philosophy* in compliance of the UGC Regulations 2009 as detailed below:

Name : ATHIAPPAN K

Registration Number : 1214119101

Degree : Ph.D.

Department/Centre/Subject : CIVIL ENGINEERING

Faculty : CIVIL ENGINEERING

Date, Month & Year of Viva-Voce

Examination held : 23.07.2020

Title of the Thesis : EXPERIMENTAL STUDIES ON STEEL FIBRE REINFORCED PAVEMENT QUALITY

CONCRETE WITH COPPER SLAG AS FINE

AGGREGATE



Chennai - 600 025

Date: 04-SEP-2020



Controller of Examinations



Pational Institute of Technology Rourkela

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

Doctor of Philosophy

on

Balaji Kumar Choudhury

who has successfully defended the thesis entitled

"Design and Construction of Turboexpander Based Nitrogen Liquefier"

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 17th Pay of January 2015.

Registrar

Birector .

राष्ट्रीय प्रौद्योगिकी संस्थान कालिकट विश्वारमा शिक्षां शिक्ष





Upon the recommendation of the Senate hereby confers on

DEEPANRAJ B

the degree of

Doctor of Philosophy

in the year 2018

Based on the thesis entitled:

PARAMETRIC STUDIES ON BIOGAS PRODUCTION THROUGH
ANAEROBIC DIGESTION

Given at the National Institute of Technology Calicut

on 29th September, 2018

Registrar

Director

Chairperson Board of Governors

NIT CALICUT, KERALA, INDIA - 673 601.

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

TELANGANA STATE

IIT No: 0803PH0657

7045366123



SI. No. PC 00661099



PROVISIONAL CERTIFICATE

son of Mr. MAMAJEED	
has satisfied all the require	ments for the award of <u>Doctor of Philosophy</u>
in the faculty of	COMPUTER SCIENCE AND ENGINEERING

Verified by

Hyderabad - XX.

Date: 17-06-2015

Director of Evaluation

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM KARNATAKA, INDIA



This is to certify that

Anoop V

has been conferred the Degree of

Poctor of Philosophy

in

Faculty of Electrical and Electronics Engineering Sciences

for the thesis entitled

Audio Signal Quality Improvement using Adaptive Noise Removal Technique

in recognition of the fulfillment of requirements for the said degree

000969

Given under the seal of the University

USN: 1TJ11PEN04



BELGAUM

DATE : January 09, 2018

VICE CHANCELLOR



Pational Institute of Technology Rourkela

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

Poctor of Philosophy

on

Jose P Therattil

who has successfully defended the thesis entitled

"Dynamic Modeling and Control of Multi-Machine Power System with FACTS Devices for Stability Enhancement"

and has fulfilled all other requirements for the degree in the Department of Electrical Engineering Siven this day, under the seal of the Institute at Rourkela in the Republic of India, the 19th Day of January 2013.

Registrar

Sks gang:



FACULTY	OF	SCIENCE
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The Senate of the University of Calicut hereby makes known that

Balagopalan. M.

has been admitted to the Degree of

Doctor of Philosophy

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

with all the Rights, Privileges and Honours thereunto appertaining.

Given under the seal of the University.



CALICUT UNIVERSITY 673 635

Date 21.4.92.

Waller

VICE-CHANCELLOR

Austed Sphall

K. E. S. NAIR

Addistant Director

Intelligence Brokent



For the greater good

Upon the recommendation of the Faculty the Board of Governors confers upon

Muralee Krishnan 6

Fellow in Management

in recognition of the successful completion of all academic requirements of the programme

Given at Jamshedpur on the 24th Day of March, 2018 under the Seal of XLRI

Ashis K Pani

Dean

E Abraham, S. J.

Director

T V Narendran Chairman



AMRITA VISHWA VIDYAPEETHAM

UNIVERSITY

Established u/s 3 of the UGC Act 1956

The Board of Management of the University hereby confers the degree of

Doctor of Philosophy

under the Faculty of Engineering

on

V NIVITHA VARGHEES

in recognition of the successful completion of all the requirements for the award of the said Degree including and defending the thesis entitled

"PHONOCARDIOGRAM SIGNAL DELINEATION METHODS FOR AUTOMATED ANALYSIS OF HEART SOUNDS AND MURMURS"

Given on this day, the 10th of August 2017, under the seal of the University.



HO: Coimbatore-641 112 India

Sant Dr.K.Sankaran

Registrar
Date of Issue: 10th of August 2017



Sri Mata Amritanandamayi Devi

P.V.

Dr.P.Venkat Rangan Vice-Chancellor

mgml (p)

Swami Amritaswarupananda Pun President

Reg. No.: RR14EC002



KARUNYA NAGAR, COIMBATORE - 641 114, TAMILNADU, INDIA

Mode of Study: Regular

Aadhaar No.: 2667 1582 7575



The Board of Management of Karunya University hereby makes known that



has been admitted to the Degree of

Doctor of Philosophy in

Electronics and Communication Engineering

under the Faculty of Engineering

having been certified by duly appointed examiners to be qualified to receive the same in April 2017

Title of the Thesis:

Design and analysis of quantum efficiency enhancement techniques in InGaN/GaN multiple quantum well LEDs



Given under the seal of the University

Dated: 8" July 2017



INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

upon the recommendation of the Senate hereby confers the degree of

Doctor of Philosophy

on

Raju C K

in recognition of the research work on

Enhancing Sustainability and Secureness of Software in Public Applications

Given under the seal of the Institute at Kharagpur on the Fifteenth day of September, Two Thousand and Tweive

Registrar P



Director Director
The Copy Self Helicala



AMRITA/UNIV/PRO-PhD/307/2020

November 19, 2020

PROVISIONAL CERTIFICATE

SINDHU S (Roll No. CB.EN.D*EEE12004), Department of Electrical and Electronics Engineering, Amrita Vishwa Vidyapeetham, Coimbatore Campus has successfully completed all the requirements in accordance with the provisions of UGC for the award of the Degree of Doctor of Philosophy under the Faculty of Engineering.

She successfully defended her thesis entitled "DEVELOPMENT OF NOVEL CONTROL ALGORITHMS FOR UNIFIED POWER QUALITY CONDITIONER" on 21.10.2020.

OF EXAMINATION OF SHINA VIOLENCE OF EXAMINATION OF EXAMINATION OF EXAMINATION OF SHINA VIOLENCE OF THE SHINA V

Dr. R. Dhandapani Controller of Examinations



Indian Institute of Technology Madras

hereby confers the degree of **Boctor of Philosophy**

of the Institute

P SURESH

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



INVESTIGATIONS ON CONTROL METHODS AND DEVELOPMENT OF INTELLIGENT VEHICLE CONTROLLER FOR AUTOMATED HIGHWAY SYSTEMS



Given this day the Twentyfirst of July, 2017 under the scal of the Institute.

Self attented

P. Sweeth

[P. Sureth

[P. Sureth

24/07/2017

Chairman. Board of Governors



TIDIAN INSTITUTE OF TECHNOLOGY BOXIDAY

Upon recommendation of the Senate hereby confers the degree of

Doctor of Philosophy

on V. 9. Mohandas

who has fulfilled the requirements for the degree as prescribed under the regulations and successfully defended in August 1989, the thesis entitled:

General Algorithm for High Quality Tocompled Linear Multivariable Lystoms Using Frequency Domain Algebraic Jechniques .

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

the 27th day of July, 1990.

Chairman, Bond of Constant

राष्ट्रीय प्रौद्योगिकी संस्थान कालिकट National Institute of Technology Calicut







Upon the recommendation of the Senate hereby confers on

K R SANDEEP NARAYAN

the degree of

Doctor of Philosophy

in the year 2015

Based on the thesis entitled:

"STUDIES ON DISTANCE PARAMETERS IN GRAPHS AND CONNECTIVITY
IN COMPLEMENT OF FUZZY GRAPHS"

Given at the National Institute of Technology Calicut on 5th December, 2015

Registrar

Director

Chairperson
Board of Governors

राष्ट्रीय प्रौद्योगिकी संस्थान कालिकट National Institute of Technology Calicut





Upon the recommendation of the Senate hereby confers on

NIDHI M

the degree of

Doctor of Philosophy /

in the year 2017

Based on the thesis entitled:

STRENGTH AND BEHAVIOUR OF HFRHPC BEAM-COLUMN-SLAB
JOINTS UNDER REVERSE CYCLIC LOADING

Given at the National Institute of Technology Calicut

on 23rd September, 2017

Registrar

Director

True 6/4 9

Chairperson Board of Governors

Dr. NIDHI M

NIT CALICUT, KERALA, INDIA - 673 601.



FACULTY OF TECHNOLOGY

DOCTOR OF PHILOSOPHY

under the Faculty of Technology, he/she having been certified by duly appointed examiners to be qualified to receive the same.

Given under the Seal of the University, this day, the. 13th February, 2017

University Buildings Kochi - 682 022 Issued on .04/03/2017



Low Vice - Chancellor.



Reg. No.:2002419704/RG

The Syndicate of the Anna University hereby makes known that GEORGE A K has been admitted to the DEGREE OF DOCTOR OF PHILOSOPHY under the Faculty of Information and Communication Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year 2011.

Title of the thesis:

ENHANCING THE CAPABILITIES OF THE MENTALLY CHALLENGED CHILDREN BY APPROPRIATE TECHNOLOGIES

Given under the Seal of the University

Chennai 600 025 India

January 2012

Controller of Examinations

Skyme

Registrar

Vice-Chancellor



THE AUSTRALIAN NATIONAL UNIVERSITY

THIS IS TO CERTIFY THAT

FOLLOWING THE COMPLETION OF AN APPROVED PROGRAM OF STUDY

Jaison Paul Mulerikkal -

HAS BEEN AWARDED THE DEGREE OF

Doctor of Philosophy

GIVEN UNDER THE SEAL OF THE AUSTRALIAN NATIONAL UNIVERSITY
ON THE TWENTY-SECOND DAY OF MARCH 2013

CAT A 316 Z 121. KAR

ALDHONS LIGORI, M.A. IV. J.K

Coy Comdr; 3(b) Coy, NCC Officer S.H. College, Thevara, Kochi - 13

Vice - Chancellor

Chancellor

Santa Clara Aniverzity

The trustees of the University on the recommendation of the Faculty and by virtue of the authority vested in them by the State of California have conferred upon

Ignatius Sanmel Augustine Bezzam

the Degree of

Doctor of Philosophy Electrical Engineering

with all the Rights, Privileges and Honors thereto pertaining.

Given at Santa Clara, in the State of California, on the twelfth day of June in the year of our Lord two thousand and fifteen.

michael & Engl &

Robert J. Franchi Jr.

Stenit facol

Bolly 1 1



ANNA UNIVERSITY CHENNAI - 600 025

PROVISIONAL CERTIFICATE

Folio No.: NAR013013

This is to certify that the candidate has qualified for the award of Degree of Doctor of Philosophy in compliance of the UGC Regulations 2009 as detailed below:

Name

JARIN T

Registration Number

2011140105

Degree

Ph.D.

Department/Centre

ELECTRICAL AND ELECTRONICS

ENGINEERING

Faculty

ELECTRICAL ENGINEERING

Date, Month & Year of Viva-Voce

Examination held

30.03.2016

Title of the Thesis

RANDOM CARRIER PULSE WIDTH MODULATION TECHNIQUES FOR THREE PHASE VSI DRIVES WITH CONSTANT

AND FLUCTUATING DC LINKS



CARGO26 - 600 025 06-MAY-16 Controller of Examinations



FACULTY OF ARTS

The Senate of the University of Kerala hereby makes known that *Adarsh N. Gokul* has been admitted to the Degree of Doctor of Philosophy, he having been certified by duly appointed examiners to be qualified to receive the same.

Subject Library and Information Science

Title of the Thesis "Information needs and use pattern of Veterinarians in the IT environment"

Given under the seal of the University

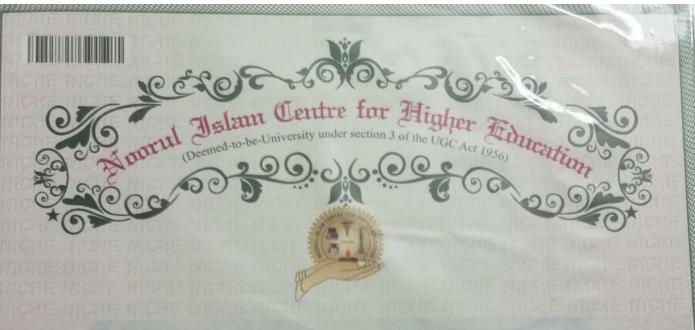
Date of Syndicate Decision: 08/10/2003

009261

University Buildings

Thiruvananthapuram February 26, 2004

Vice Chancellor



Reg. No.:0113908202

The Board of Management of the Noorul Islam Centre for Higher Education hereby makes known that ASWATHY S. U has been admitted to the Degree of Doctor of Philosophy in COMPUTER SCIENCE AND ENGINEERING under the Faculty of Information and Computer Engineering, having completed the prescribed programme of study and having been certified by the duly appointed examiners to be qualified to receive the same in June 2019.

Title of the Thesis: AN OPTIM

AN OPTIMIZED APPROACH FOR BRAIN TUMOR SEGMENTATION USING INTELLIGENT TECHNIQUE.





Given under the seal of the University

NICHE NICHE NICHE NICHE NICHE NICHE NICHE NICHE NICHE NICHE

Dated: 2 3 NOV 2019

Kumaracoil-629 180 B Sh. Kanyakumari Dist., B

Tamil Nadu Contro

Controller of Examinations



1. Registrar

Vice Chancellor



FACULTY OF HUMANITIES

The Senate of the University of Calicut hereby makes it known that

Baby. 6.93.

has been admitted to the Degree of

Doctor of Philosophy

in

Economics

she having been certified by duly appointed Examiners to be qualified to receive the same

with all the Rights, Privileges and Honours thereunto appertaining.

Given under the seal of the University

CALICUT UNIVERSITY

Pin-673 635 07/07/2005 VICE CHANCELLOR



Nº 007585



Indian Institute of Technology Madras

horeby confers the degree of Moctor of Philosophy

of the Institute

BIJU C V

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

DEVELOPMENT AND PERFORMANCE ASSESSMENT OF PARTICLE IMPACT DAMPING AND MAGNETORHEOLOGICAL FLUID BASED BORING BARS





Given this day the Twentieth of March, 2020 under the seal of the Institute.

Registrar /

Chairman, Board of Governors



FACULTY OF ENGINEERING

The Senate of the University of Calicut hereby confers

the Degree of

Doctor of Philosophy

Biju. P.L.

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

Investigations on Improving Sustainability and Gustomer Satisfaction in New Product Development Using Multi Grit Decision Support Tools

with all the Rights, Privileges and Honours thereunto appertaining. Given under the seal of the University

CALICUT UNIVERSITY P.O. Kerala, INDIA

Date

Vice - Chancellor





பாரதியார் பல்கலைக் கழகம் Bharathiar University



கலையியல் புலம்

FACULTY OF ARTS

பாரதியார் பல்கலைக் கழகத்தால் தேர்வாளர் அமைக்கப்பட்ட குழு. முறையாக நாளில் மொழியியல் 2015ஆம் ஆண்டு. ஆகஸ்ட் 21ஆம் ப்லெர்ஜின் ஆண்டனி, சான்றளித்ததை ஆய்வியல் அறிஞர் என்னும் பட்டம் பெறத் தகுதியடைந்திருப்பதாகச் என்னும் பிரிவில் இலச்சினையுடன். பல்கலைக் கழக பட்டத்தைப் அந்தப் ஏற்று. பாரதியார் பல்கலைக் கழக ஆட்சிக் குழு

FLERGIN ANTONY makes that Syndicate University hereby known Bharathiar The of LINGUISTICS, DOCTOR OF PHILOSOPHY been admitted the Degree has having been certified by duly appointed Examiners to be qualified to receive the same on 21st AUGUST 2015.



Given under the Seal of the University.



Registrar

Vice-Chancellor

B 011342

Mahatma Gandhi University



FACULTY of Social Sciences

The Syndicate of the Mahatma Gandhi University hereby makes known that

Jose K.J.

has been admitted to the Degree of

DOCTOR OF PHILOSOPHY

Gandhian Studies

he/she having been certified by duly appointed examiners to be qualified to receive the same.

Title of the Thesis:	Industry	Requir	ements	for
and	Competence	01 E	narneen	ing
Gnao	luates - A	Study	đ	•
/16	द्याया अस	del s	5EG \\\	
•••••••••••••••••••••••••••••••••••••••				

Given under the seal of the University

Date of Syndicate Decision: 29.10.2011...

MAHATMA GANDHI UNIVERSITY PRIYADARSHINI HILLS KOTTAYAM - KERALA

Date: 9 December 2011



Vice Chancellor

Registration No.





National Institute of Technology Karnataka, Surathkal

hereby confers the degree of

Poctor of Philosophy

on

Gibin George

in recognition of the research work on

"INFLUENCE OF POLYMERIC BINDERS ON THE PHYSICO-CHEMICAL PROPERTIES OF SOL-GEL ELECTROSPUN NICKEL OXIDE AND COBALT OXIDE NANOFIBERS"

carried out in the Department of

Metallurgical And Materials Engineering

and completed all the requirements

in November 2015

Given under the seal of the Institute,

on 14th November 2015

Lemo

Registrar Sl. No.PH15079

tegistrar

V. Bhatahonya

Vanitha Narayanan

Chairperson, Board of Governors

miner sity of Stients



FACULTY OF ENGINEERING

The Academic Council of the Cochin University of Science and Technology hereby makes known that Babu KK is admitted to the Degree of

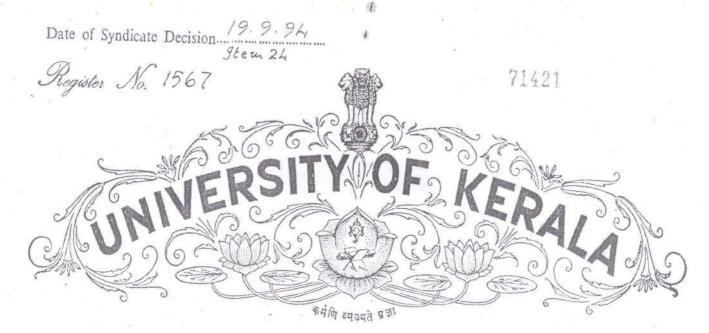
DOCTOR OF PHILOSOPHY

under the Faculty of Engineering, he/she having been certified by duly appointed examiners to be qualified to receive the same.

Given under the Seal of the University, this day, the 5th Trune 2008 x

University Buildings, Cochin - 682 022.





FACULTY OF ARTS

		10			45
The Senate of	the University	of Kerala	hereby make	es known th	at
*******************************	Usha Menor	1.	has been a	Smitted to 1	1
Legree of Lector	of Thilosophy.	he she	having been	certified i	ue h
duly appointed exam	iners to be qualif	fied to receive	the same,		•
Subject	English		*		
Title of the Thesis	"Aurobin	do-The	Playwrigi	£ "	•••
	8881000211015001500010000000000000000000			*	

Given under the seal of the University.



University Buildings,

Thirwananthapuram, May 6, 1995

Milaniam Vice-Chancellor



भारतीय प्रौद्योगिकी संस्थान गुवाहाटी विद्या परिषद की अनुशंसा पर इलेक्ट्रॉनिकी एवं विद्युतीय अभियांत्रिकी में विद्या वाचस्पति की उपाधि

विवेक लुकोस

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

भारतीय गणराज्य के अंतर्गत गुवाहाटी में आज 22 सितंबर 2020 को संस्थान की यह मुद्रा अंकित उपाधि दी गई।

INDIAN INSTITUTE OF TECHNOLOGY GUWAHATI

upon the recommendation of the Senate hereby confers the degree of

Doctor of Philosophy

in

Electronics and Electrical Engineering

on

Vivek Lukose

who has successfully completed in July 2019, the requirements prescribed under the regulations for the award of this degree.

Given this day, under the seal of the Institute at Guwahati in the Republic of India, the 22nd day of September, 2020.

Thesis Title: Surface acoustic wave resonators with trenches and high aspect ratio structures for gas sensing applications

J.G. Sithany

निदेशक एवं अध्यक्ष, विद्या परिषद Director and Chairman, Senate Soopsi

कुलसचिव Registrar Rajir

अध्यक्ष.

शासी मंडल Chairman, Board of Governors



राष्ट्रीय प्रौद्योगिकी संस्थान कालिकट अल्डिस 002431 National Institute of Technology Calicut

NIT Campus (PO), Kozhikode, Kerala, India, PIN - 673 601

PROVISIONAL CERTIFICATE

Doctor of Philosophy

Certified that Ms. NISHA P V (Roll No. P100011EE) has completed all the requirements of the Institute for the award of the degree of Doctor of Philosophy. Her oral examination was held on 09-01-2020 by a duly appointed Board of Examiners.

Title of the thesis : ANALYSIS OF ELECTROMAGNETIC INTERFERENCE IN

POWER ELECTRONIC BASED SYSTEMS AND THEIR

MITIGATION METHODS

Department : Electrical Engineering

She will be awarded Ph.D. degree of the Institute in the next convocation subject to the approval of Senate and Board of Governors.



Date 17 JAN 2020

Valid for livelye months from the date of issue

Deputy Registrar (Academic)

Re

Register No : 12DRPCSE004

Folio No : 000546



KARPAGAM ACADEMY OF HIGHER EDUCATION

(Deemed to be University)
(Established Under Section 3 of UGC Act, 1956)
Pollachi Main Road, Eachanari Post, Coimbatore – 641 021.
Tamil Nadu - India

een admitted to the DEGRE	EOFBOCTOR OF PHILOSOPHY in COMPUTER SCIENCE AND ENGINEERING
	ENGINEERING under the FACULTY OF
na heen certified bu the duly o	appointed examiners to be qualified to receive the same on

CONTROLLER OF EXAMINATIONS

Date: 12.02.2021

REGISTRAR

VICE-CHANCELLOR





राष्ट्रीय प्रौद्योगिकी संस्थान कालिकट 00364 National Institute of Technology Calicut





Upon the recommendation of the Senate hereby confers on

VINITH R

the degree of

Doctor of Philosophy

in the year 2018

Bused on the thesis entitled:

INVESTIGATION OF GRASDA TALMRIQUES FOR MEDICAL IMAGE

Given at the National Institute of Technology Calicut

on 29th September, 2018

Registrar

Forester

Chairperson Board of Governors

SHY CALIFORN KERALA WICHA - 673 601

A 00155

राष्ट्रीय प्रौद्योगिकी संस्थान कालिकट National Institute of Technology Calicut



Upon the recommendation of the Senate hereby confers on

SHIJOH .V

the degree of

Doctor of Philosophy

in the year 2017

Based on the thesis entitled:

ARTIFICIAL NEURAL NETWORK BASED MODELING, STATE
ESTIMATION AND CONTROL OF AUTONOMOUS HYBRID SYSTEMS

Given at the National Institute of Technology Calicut

on 23rd September, 2017

Registrar

Director

Chairperson Board of Governors

Amme Tongarthi

NIT CALICUT, KERALA, INDIA - 673 601,



Manipal University

Formerly known as Manipal Academy of Higher Education

This is to certify that

DR. SR. LICY C.D.

has been admitted to the

Degree of

Doctor of Philosophy (Ph.D.)

in recognition of his/her research work entitled

IMMUNOLOGICAL EVALUATION OF
A NOVEL HEPATITIS B

Surface antigen delivery system

and he/she having fulfilled the prescribed requirements

on 07-Mar-2009



R.P. WARMER



GIVEN UNDER THE SEAL OF MANIPAL UNIVERSITY, MANIPAL, INDIA



भारतीय प्रौद्योगिकी संस्थान मुंबई श्रीकुमार एम.

को एतद्द्वारा

विद्या वाचस्पति

की उपाधि प्रदान करता है ।

अभिषद की अनुशंसा पर संस्थान की मुद्रांकित यह उपाधि अवाप्ति हेतु विनियमों में विहित अपेक्षाओं को पूर्ण कर लेने पर तथा अपने शोध-प्रबंध के सफल पक्षपोषण के उपरांत मुंबई, भारतीय गणराज्य में आज 23 फरवरी, 2019 को दी गई है ।

Indian Institute of Technology Bombay

upon recommendation of the Senate hereby confers the degree of

Doctor of Philosophy

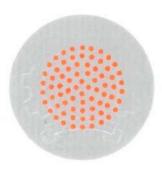
on

Sreekumar M.

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

"Multi-class Continuum Traffic Flow Modelling Using Traversable Distance for Dynamic Travel Time Predictions."

Given this day, under the seal of the Institute at Mumbai in the Republic of India, the 23rd day of February 2019.



W

अध्यक्ष, अभिषद Chairman, Senate N N A A

Registrar

Steer Ilum'

अध्यक्ष, शासी मंडल Chairman, Board of Governors URL: https://portal.iitb.ac.in/verify Verification Ticket Number: 2F DE91 1049 8305 6872

THE BOARD OF GOVERNORS OF THE

INDIAN INSTITUTE OF TECHNOLOGY KANPUR

UPON THE RECOMMENDATION OF THE SENATE HEREBY CONFERS ON

UKKAN LAZAR JOHN

THE DEGREE OF

DOCTOR OF PHILOSOPHY

WITH ALL THE HONOURS PRIVILEGES AND OBLIGATIONS THEREUNTO PERTAINING GIVEN AT KANPUR ON THIS FOURTH DAY OF APRIL NINETEEN HUNDRED AND SEVENTY SEVEN



REGISTRAR

CHAIRMAN

SENATE

BOARD OF GOVERNORS