

SCMS SCHOOL OF ENGINEERING & TECHNOLOGY

VIDYA NAGAR, KARUKUTTY, ERNAKULAM – 683576, PHONE: 0484-2882900, 2450330

E-Mail: sset@scmsgroup.org Website: www.scmsgroup.org/sset

PhD Certificates 2021-22



National Institute of Technology Tiruchirappalli

hereby confers the degree of

Doctor of Philosophy

of the institute

on

JENSON JOSEPH E

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

**Manufacturing and Characterization of
Tungsten Particulate Reinforced High –Density Polyethylene and
Epoxy resin Composites**



*Given this day the Seventh of November 2020
Under the seal of the Institute*



TIRUCHIRAPPALLI - 620 015, INDIA



Amichella
Registrar

M. S. Srinivasan
Director

[Signature]
Chairperson
Board of Governors

Register No : 09ADRPME001

Folio No : 00823



KARPAGAM UNIVERSITY

Karpagam Academy of Higher Education
(Established Under Section 3 of UGC Act 1956)
Coimbatore - 641 021, India

The Board of Management of the **KARPAGAM UNIVERSITY** hereby makes known that **MANOJ KUMAR.B**

has been admitted to the **DEGREE OF DOCTOR OF PHILOSOPHY in MECHANICAL ENGINEERING**

under the **FACULTY OF ENGINEERING**


having been certified by the duly appointed examiners to be qualified to receive the same on **15th June 2016**

Coimbatore

Dated : 12.11.2016



THE SEAL OF UNIVERSITY


CONTROLLER OF EXAMINATIONS


REGISTRAR


VICE-CHANCELLOR



10022947



APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY
(A State Government University)
Thiruvananthapuram, Kerala, India - 695 016

PROVISIONAL DEGREE CERTIFICATE

This is to certify that the candidate has provisionally qualified for the award of degree of Doctor of Philosophy of the University

Name : JAYADEVAN P C
Register No : D-TCR15JUL005
Degree : Ph. D.
Date of Viva-voce Exam : 27/02/2020
Title of thesis : Analysis of fluid flow through microchannels with manufactured roughness level

Place: Thiruvananthapuram

Date: 22/06/2020


Dean (Research)

File No: 20/12/00001





P170075NS

राष्ट्रीय प्रौद्योगिकी संस्थान कालिकट
National Institute of Technology Calicut

upon the recommendation of the Senate, hereby confers on

ALBIN JOSEPH

the degree of

Doctor of Philosophy

in the year 2022

Based on the thesis entitled:

**INVESTIGATIONS ON NANOFLUIDS AND THIN-FILM FOR
PERFORMANCE IMPROVEMENT OF DIRECT ABSORPTION SOLAR
PARABOLIC TROUGH COLLECTOR**

Given at the National Institute of Technology Calicut

on September 03, 2022



Registrar

Director & Chairman Senate

Chairperson Board of Governors

Date of Viva-voce Examination : 30-03-2022



Cochin University of Science and Technology



FACULTY OF ENGINEERING

The Academic Council of the Cochin University of Science and Technology hereby makes known that..... **Anitha G Pillai**
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..... **16th February, 2015**



University Buildings

Kochi - 682 022

Issued on 13/03/2015

[Signature]
Vice-Chancellor.

Cochin University of Science and Technology
കൊച്ചി ശാസ്ത്ര സാങ്കേതിക സർവകലാശാല



Register Number : 4448

*The Academic Council of the Cochin University of Science and Technology
hereby makes known that*

SANJU SREEDHARAN

is admitted to the Degree of

DOCTOR OF PHILOSOPHY

under the

FACULTY OF ENGINEERING

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

Title of the thesis :

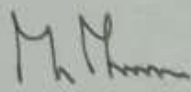
**"Bio-Fuel Cells: Sustainable Technology for the Treatment of Coconut Industry
Wastewater".**

This award is effective from 03 March, 2022.

Given under the seal of the University this day, 30 March, 2022.

Kochi -682 022
Kerala, India.

Sl.No:0124777


Vice - Chancellor

Cochin University of Science and Technology

കൊച്ചി ശാസ്ത്ര സാങ്കേതിക സർവകലാശാല



Register Number : 4449

*The Academic Council of the Cochin University of Science and Technology
hereby makes known that*

SANTHOSH G

is admitted to the Degree of

DOCTOR OF PHILOSOPHY

under the

FACULTY OF ENGINEERING

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

Title of the thesis :

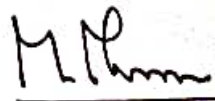
"A Study on Utilization of Jarofix in Construction Application"

This award is effective from 13 August, 2021.

Given under the seal of the University this day, 13 September, 2021.

Kochi -682 022
Kerala, India.

Sl.No:0122170


Vice - Chancellor



भारतीय प्रौद्योगिकी संस्थान मुंबई

रतीश 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 मे आज 9 अगस्त, 2014 को दी गई है ।

Indian Institute of Technology Bombay

upon recommendation of the Senate hereby confers the degree of

Doctor of Philosophy

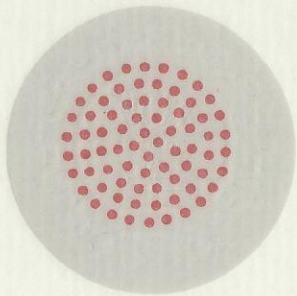
on

Ratish M.

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

“Multi Sensory Analysis of Aerosol Properties and Patterns Over India.”

Given this day, under the seal of the Institute at Mumbai in the Republic of India, the 9th day of August 2014.



अध्यक्ष, अभिषद
Chairman, Senate

कुलसचिव
Registrar

अध्यक्ष, शासी मंडल
Chairman, Board of Governors

Serial No. 152053

Enrolment No

भारतीय प्रौद्योगिकी संस्थान रुड़की

अभिषद् की अनुशंसा पर
विद्या वाचस्पति
की उपाधि

निषा एल

जिन्होंने इस उपाधि की अवाप्ति हेतु विनियम विहित अपेक्षाओं को सन् 2015 में सफलतापूर्वक पूरा कर लिया है, एतद्वारा प्रदान करता
शोध प्रबन्ध शीर्षक: रिमूवल ऑफ डिजोल्वड ऑर्गेनिक कार्बन (डीओसी) डूरिंग रिवरबैंक फिल्ट्रेशन
भारतीय गणराज्य के अन्तर्गत रुड़की में आज, दिनांक 3 अक्टूबर 2015, संस्थान की मुद्रा अंकित यह उपाधि दी गई।

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

On the recommendation of the Senate hereby confers the degree of

Doctor of Philosophy

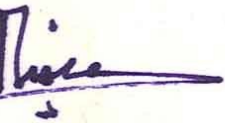
upon

NISHA L

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

Thesis Title: REMOVAL OF DISSOLVED ORGANIC CARBON (DOC) DURING RIVERBANK FILTRATION

Given this day, the 3rd of October 2015, under the seal of the Institute at Roorkee in the Republic of India.



शासक परिषद्
Board of Governors



निदेशक एवं अध्यक्ष, अभिषद्
Director & Chairman, Senate


कुलसचिव
Registrar





राष्ट्रीय प्रौद्योगिकी संस्थान कलिकट
National Institute of Technology Calicut

upon the recommendation of the Senate, hereby confers on

ANAND RAJ

the degree of

Doctor of Philosophy

in the year 2021

Based on the thesis entitled:

**APPLICATION OF FIBRE REINFORCED RUBCRETE IN STRUCTURES
SUBJECTED TO IMPACT LOAD**

Given at the National Institute of Technology Calicut

on October 30, 2021



J. S. S. S.
Registrar

[Signature]
Director

[Signature]
Chairperson
Board of Governors



APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

(A State Government University)

Thiruvananthapuram, Kerala, India - 695 016

*The Board of Governors of
APJ Abdul Kalam Technological University*



*heroby confers the degree of
Doctor of Philosophy
of the University*

on

PRASEEJA A V

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

**GROUNDWATER CONTAMINATION DUE TO LNAPL
HYDROCARBONS AND ITS REMEDIATION USING NATURAL
FIBRES**

This award is effective from 7th of October, 2021

Given this day the 8th of December, 2021

Under the seal of the University

Register Number : D-TCR15JUL002



[Signature]

Vice-Chancellor



Authorized Signatory
APJ Abdul Kalam Technological University
Date: Thu Jul 07 12:46:33 IST 2022

No.: A/12 12872

राष्ट्रीय प्रौद्योगिकी संस्थान कलिकट
National Institute of Technology Calicut



Upon the recommendation of the Senate hereby confers on

AKHILA M

the degree of

Doctor of Philosophy

in the year 2019

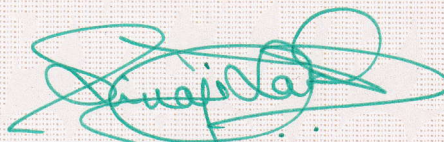
Based on the thesis entitled:

LIQUEFACTION OF SILTS AND LOW PLASTIC CLAYS

Given at the National Institute of Technology Calicut

on 21st September, 2019


Registrar


Director


Chairman
Board of Governors



सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान, सूरत (गुजरात, भारत)
SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT (GUJARAT, INDIA)

Upon recommendation of the Senate

hereby confers the degree of

Doctor of Philosophy

in Civil Engineering

on

RAHUL R PAI

*who has fulfilled the requirements for the degree as
prescribed under the regulations and has successfully defended in*

May 2022, the thesis entitled:

**Performance and Design Evaluation of Test Tracks of Flexible Pavements with
Waste Materials in Base Layers**

*Given this day, under the seal of the Institute at Surat
in the Republic of India,*

the Twenty Seventh of September, 2022.




Registrar


Chairman,
Senate & Board of Governors

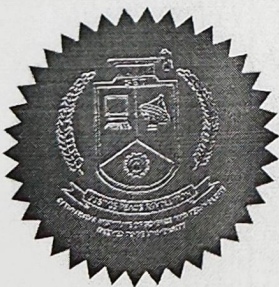


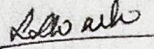
SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(Deemed to be University Under Section 3 of UGC Act, 1956)




The Board of Management of Sathyabama Institute of Science and Technology hereby makes known that **VARUN. G. MENON** has been conferred the **DEGREE OF DOCTOR OF PHILOSOPHY** under the **FACULTY OF COMPUTER SCIENCE AND ENGINEERING**, having been certified by duly appointed examiners to be qualified to receive the same on **DECEMBER 2017** for the thesis entitled **ANALYSING THE BEHAVIOUR AND PERFORMANCE OF RELIABLE OPPORTUNISTIC ROUTING PROTOCOLS IN HIGHLY DYNAMIC AD HOC NETWORKS** given under the seal of the institution, at Chennai this **TWENTY SECOND day of JULY 2018**.

Given under the seal of the Institution

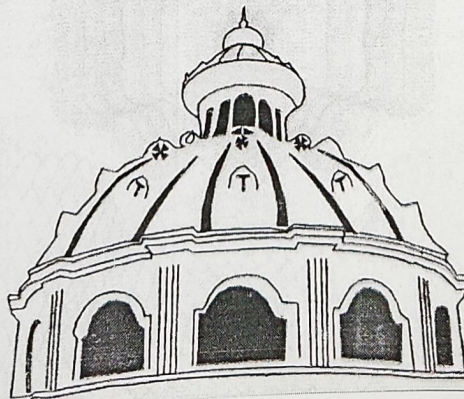



Vice Chancellor


Pro Chancellor



Dated : July 22, 2018



Jeppiaar Nagar,
Chennai - 600119,
Tamil Nadu, INDIA.



பொறியியற் புலம்
FACULTY OF ENGINEERING

மனோன்மணியம் சுந்தரனார் பல்கலைக்கழக ஆட்சிக்குழு
மேனிஷ் டி ஐ

கணினி அறிவியல் மற்றும் பொறியியல் பாடப்பிரிவில்

அறிஞர் பட்டம் பெறுவதற்குத் தகுதியுடையவர் என முறையாக அமைக்கப்பெற்ற
தேர்வினோர் சான்றளித்தவாறு நவம்பர் 2015 ஆம் ஆண்டில்
இப் பட்டப்பேற்றுக்கு உரியவர் ஆகின்றார் என இதன்வழி அறிவிக்கின்றது.

பல்கலைக்கழக முத்திரையுடன் இது வழங்கப்படுகின்றது.

The Syndicate of the **MANONMANIAM SUNDARANAR UNIVERSITY**
hereby makes known that **MANISH TI**
has been admitted to the Degree of Doctor of Philosophy in
COMPUTER SCIENCE & ENGINEERING
he/she having been certified by duly appointed Examiners to be qualified
to receive the same in the year **NOVEMBER 2015**



Given under the seal of the University.

திருநெல்வேலி, இந்தியா
Tirunelveli, India

நாள் Dated 13.02.2016

Selvi Prabahar
(Dr.S.Prabahar)

தேர்வாணையர்
Controller of Examinations

Dr. A. John De Britto
(Dr.A.John De Britto)

பதிவாளர்
Registrar

Selvi. Apoorva I.A.S.
(Selvi. Apoorva I.A.S.)
(Convenor)

துணை வேந்தர்
Vice-Chancellor

REG. NO. : 7531310016



SRM

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY UNDER SECTION 3 OF THE UGC ACT, 1956)

Faculty of Engineering and Technology

The Board of Management of the SRM Institute of

Science and Technology hereby makes known that

SONAL AYYAPPAN

has been admitted to the Degree of Doctor of Philosophy

having been certified by duly appointed examiners to be

qualified to receive the same in JULY - 2022

Title of the Thesis:

IMAGE DEDUPLICATION METHOD FOR SECURED TRANSMISSION
AND STORAGE OF MEDICAL IMAGES (COMPUTER SCIENCE AND
ENGINEERING).



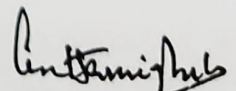
Given under the seal of the University



DATED : 25 SEP 2022

SRM NAGAR, KATTANKULATHUR - 603 203
KANCHEEPURAM (DIST.), TAMILNADU, INDIA.


REGISTRAR


VICE-CHANCELLOR

Mahatma Gandhi University

(Established by Kerala State Legislature by Notification No. 3431/Leg C1/85/Law, dated 17th April 1985)



FACULTY OF ENGINEERING AND TECHNOLOGY

*The Syndicate of the Mahatma Gandhi University
hereby makes known that*

Smt. ANU V.R.

has been admitted to the Degree of

**DOCTOR OF PHILOSOPHY
in
Computer Science**

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

**Title of the Thesis : Performance Optimization Techniques for Virtual
Machines in Cloud Environment**

Given under the seal of the University

Date of Syndicate Decision: 30-04-2019

University Buildings
Priyadarshini Hills P.O.
Kottayam - 686 560
Kerala, India



[Signature]
Vice-Chancellor



பாரதியார் பல்கலைக்கழகம்
BHARATHIAR UNIVERSITY
அறிவியல் புலம்
FACULTY OF SCIENCE

பாரதியார் பல்கலைக்கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு ஸ்ரீஜா ராஜேஸ், 2021ஆம் ஆண்டு செப்டம்பர் 17ல் ஆய்வியல் அறிஞர் என்னும் பட்டம் பெறத் தகுதியடைந்திருப்பதாகச் சான்றளித்ததை ஏற்று அவருக்கு அந்தப் பட்டத்தைப் பல்கலைக்கழக இலச்சினையுடன் பாரதியார் பல்கலைக்கழக ஆட்சிக்குழு வழங்குகின்றது.

The Syndicate of the Bharathiar University hereby makes known that SREEJA RAJESH has been admitted to the Degree of DOCTOR OF PHILOSOPHY having been certified by duly appointed Examiners to be qualified to receive the same on 17th SEPTEMBER 2021.

Title of the Thesis : The NTSA - A Secure and Lightweight Symmetric Key Encryption Algorithm for Internet Based Applications
Subject : COMPUTER SCIENCE

Given under the seal of the University



தேர்வாணையர் (பொ)
Controller of Examinations i/c

பதிவாளர் (பொ)
Registrar i/c



கோயம்புத்தூர்
Coimbatore
நாள்
Dated: 13th May 2022.
akphd1398

துணைவேந்தர்
Vice-Chancellor

Cochin University of Science and Technology
കൊച്ചി ശാസ്ത്ര സാങ്കേതിക സർവകലാശാല



Register Number : 5114

*The Academic Council of the Cochin University of Science and Technology
hereby makes known that*

SUJA C NAIR

is admitted to the Degree of

DOCTOR OF PHILOSOPHY

under the

FACULTY OF ENGINEERING

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

Title of the thesis :

**"Design and Implementation of Efficient Data mining models using CDR data
for Density Analysis and Prediction".**

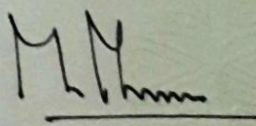
This award is effective from 21 February, 2022.

Given under the seal of the University this day, 19 March, 2022.

Kochi -682 022
Kerala, India.

Sl.No:0124772




Vice - Chancellor



Noorul Islam Centre for Higher Education
 (Deemed-to-be-University under section 3 of the UGC Act 1956)



Reg. No.: **0113910208**

The Board of Management of the **Noorul Islam Centre for Higher Education** hereby makes known that **PARVATHY M** has been admitted to the **Degree of Doctor of Philosophy** in **ELECTRONICS AND COMMUNICATION ENGINEERING** under the *Faculty of Electrical and Electronics 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 **August 2019**.

Title of the Thesis: **ENHANCEMENT OF FULLY PARALLEL TURBO DECODER USING DIFFERENT ALGORITHMS FOR COMMUNICATION APPLICATIONS.**



Given under the seal of the University

NICHE NICHE NICHE NICHE NICHE NICHE NICHE NICHE NICHE NICHE NICHE NICHE

Dated : **23 NOV 2019**

Kumaracoil-629 180
Kanyakumari Dist.,
Tamil Nadu
India.


Controller of Examinations




Registrar


Vice-Chancellor



Noorul Islam Centre for Higher Education
 (Deemed-to-be-University under section 3 of the UGC Act, 1956)



Reg. No.: **0113910212**

The Board of Management of the **Noorul Islam Centre for Higher Education** hereby makes known that **SREEJA K A** has been admitted to the **Degree of Doctor of Philosophy** in **ELECTRONICS AND COMMUNICATION ENGINEERING** under the *Faculty of Electrical and Electronics Engineering*, having completed the prescribed programme of study and having been certified by the duly appointed examiners to be qualified to receive the same on **28-10-2021** (the date of viva-voce Examination).

Title of the Thesis: **RETINAL HEMORRHAGE DETECTION USING SUPERVISED LEARNING: A HARDWARE IMPLEMENTATION**



Given under the seal of the University

NICHE NICHE NICHE NICHE NICHE NICHE NICHE NICHE NICHE NICHE NICHE NICHE NICHE NICHE

Dated: **23 DEC 2021**

Kumaracoil-629 180
 Kanyakumari Dist,
 Tamil Nadu,
 India

[Signature]
 Controller of Examinations



[Signature]
 Registrar

[Signature]
 Vice-Chancellor



भारतीय प्रौद्योगिकी संस्थान मुंबई

विजय ए

को पराद्वारा

विद्या वाचस्पति

की उपाधि प्रदान करता है ।

श्रीपद की श्रुणांशा पर संस्थान की मुद्रांकित यह उपाधि अयासि हेतु विनियमों में विहित श्रेयाओं को पूर्ण कर लेने पर तथा अपने शोध-प्रबंध के सफल पक्षपोषण के उपरान्त मुंबई, भारतीय गणराज्य में श्राव 20 अस्त, 2022 को दी गई है ।

Indian Institute of Technology Bombay

upon recommendation of the Senate hereby confers the degree of

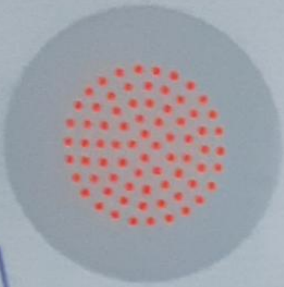
Doctor of Philosophy

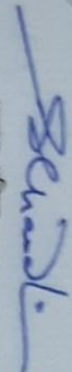
on

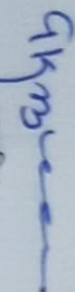
Vijay A

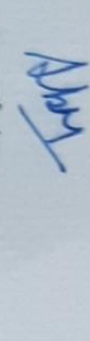
who has fulfilled the requirements for the degree as prescribed under the regulations and successfully defended the thesis entitled:

“Signal Quantization and Approximation Algorithms for Federated Learning.”
Given this day, under the seal of the Institute at Mumbai in the Republic of India, the 20th day of August, 2022.




अध्यक्ष, सभित
Chairperson, Senate


कुलसचिव
Registrar


अध्यक्ष, शाही मंडल
Chairperson, Board of Governors



Indian Institute of Technology, Madras

hereby confers the degree of

Doctor of Philosophy

of the Institute

on

JAYANAND B

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

**SIMULATION STUDIES ON SPEED SENSORLESS OPERATION OF VECTOR
CONTROLLED INDUCTION MOTOR DRIVES USING NEURAL NETWORKS**

*Given this day the Thirtyfirst of July, 1998
under the seal of the Institute.*

[Signature]
Registrar

[Signature]
Director

[Signature]
Chairman Board of Governors

14PHD0082

SI No 110325



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

DIVYA NATH .K

the degree of

DOCTOR OF PHILOSOPHY

in recognition of the research work entitled

NON-DESTRUCTIVE METHOD TO MEASURE MOISTURE CONTENTS IN FOOD ITEMS

for having fulfilled the prescribed requirements.

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

given this day the 05 November 2019

Given under the seal of this university




Vice - Chancellor




Chancellor

Dated : 10-Sep-2020

Vellore - 632 014, Tamil Nadu, India



Cochin University of Science and Technology



FACULTY OF ENGINEERING

The Academic Council of the Cochin University of Science and Technology hereby makes known that..... Praveensal C J 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..... 23rd November, 2013



*University Buildings
Kochi - 682 022
Issued on 16/12/2013*

*R Chandra
Vice-Chancellor.*

राष्ट्रीय प्रौद्योगिकी संस्थान कालिकट
National Institute of Technology Calicut



Upon the recommendation of the Senate hereby confers on

RAG R L

the degree of

Doctor of Philosophy

in the year 2010

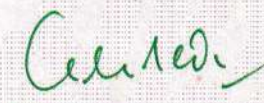
Based on the thesis entitled:

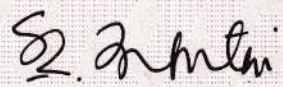
"Investigations on an Array of Wire-Rounded Micro Heat Pipes"

Given at the National Institute of Technology Calicut

on 16th October, 2010


Registrar


Director


Chairman
Board of Governors

Cochin University of Science and Technology

കൊച്ചി ശാസ്ത്ര സാങ്കേതിക സർവകലാശാല



Register Number : 3537

*The Academic Council of the Cochin University of Science and Technology
hereby makes known that*

MAHESA RENGARAJ R

is admitted to the Degree of

DOCTOR OF PHILOSOPHY

under the

FACULTY OF ENGINEERING

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

Title of the thesis :

**"INFLUENCE OF PERSONAL ATTRIBUTES AND EMPLOYMENT AND WORK
FACTORS ON WORK INJURIES AMONG WELDERS"**

This award is effective from 17/07/2017.

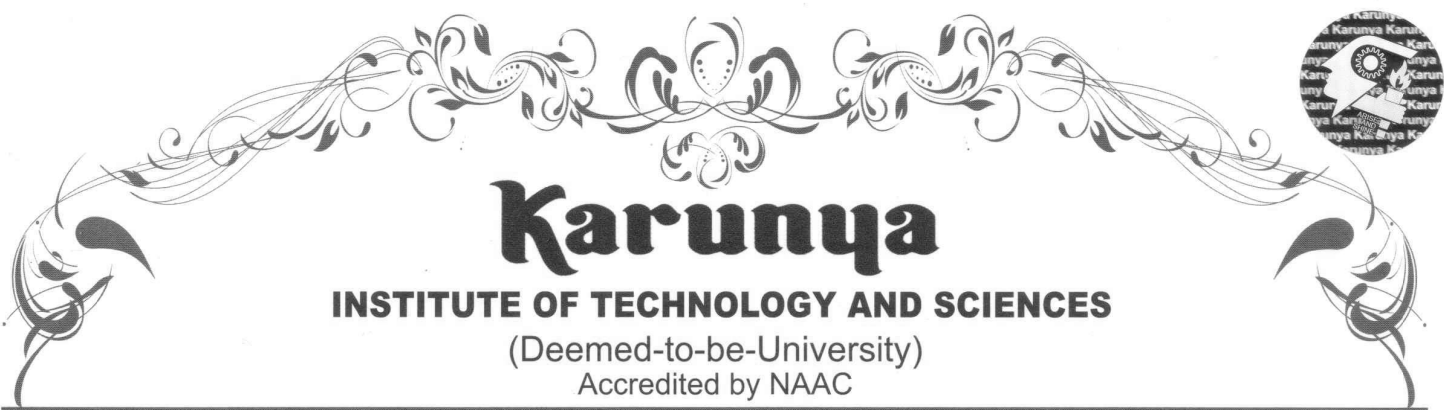
Given under the seal of the University this day, 02 August, 2017.

Kochi -682 022
Kerala, India.

SI No: 0095514



[Signature]
Vice - Chancellor



Karunya

INSTITUTE OF TECHNOLOGY AND SCIENCES

(Deemed-to-be-University)

Accredited by NAAC

KARUNYA NAGAR, COIMBATORE - 641 114, TAMIL NADU, INDIA.

Reg. No. : **RP15ME005**

Mode of Study : **Part Time**



*The Board of Management
of
Karunya Institute of Technology and Sciences,
a Deemed-to-be-University
hereby makes known that*

VIDYA CHANDRAN

has been admitted to the Degree of

Doctor of Philosophy

in

Mechanical Engineering

under the Faculty of Engineering

*having been certified by duly appointed examiners to be
qualified to receive the same in July 2020*

Title of the Thesis :

Studies on hydroelastic response of marine risers under vortex induced vibration



Given under the seal of the Deemed-to-be-University

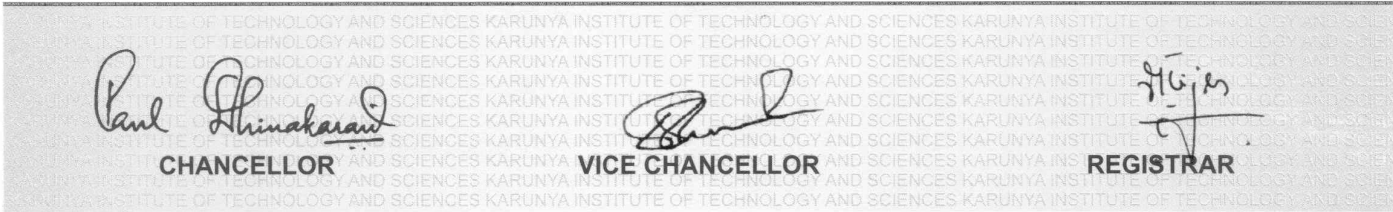
Dated: 10th October 2020

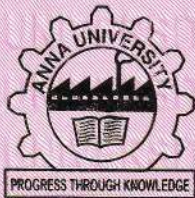


Paul Chinakaran
CHANCELLOR

[Signature]
VICE CHANCELLOR

[Signature]
REGISTRAR





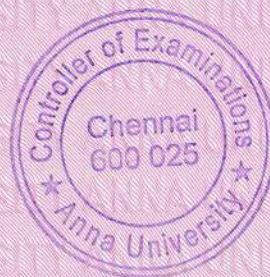
ANNA UNIVERSITY CHENNAI - 600 025

PROVISIONAL CERTIFICATE

Folio No.: RAR015014

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 : RAGHAV G R
Registration Number : 1515579739
Degree : Ph.D.
Department/Centre/Subject : MECHANICAL ENGINEERING
Faculty : TECHNOLOGY
Date, Month & Year of Viva-Voce Examination held : 06.01.2020
Title of the Thesis : DRY SLIDING WEAR AND CORROSION STUDIES OF COBALT BASED NANOCOMPOSITES BY POWDER METALLURGY PROCESS



Chennai - 600 025

Controller of Examinations

Date: 06-FEB-2020

UNIVERSITY OF CALICUT



Folio No. 610

Calicut University P. O.
673 635

Dated 01-03-2021


PROVISIONAL CERTIFICATE

Issued to SAM JOSHY

Certified that the above candidate has been awarded the Degree of Doctor of Philosophy

(Ph. D.) in MECHANICAL ENGINEERING

under the faculty of ENGINEERING


Controller of Examinations



राष्ट्रीय प्रौद्योगिकी संस्थान कालिकट
National Institute of Technology Calicut

Sl.No.: B/17 001639

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

PROVISIONAL CERTIFICATE

Doctor of Philosophy

Certified that **Ms. ANJANA VISWANATH** (Roll No. **P130016ME**) has completed all the requirements of the Institute for the award of the degree of Doctor of Philosophy. Her oral examination was held on **26-02-2019** by a duly appointed Board of Examiners.

Title of the thesis : **METAHEURISTICS FOR THE MULTI-OBJECTIVE SCHEDULING OF A FLOW SHOP WITH SEQUENCE DEPENDENT SETUP TIME: DEVELOPMENT AND ANALYSIS**

Department : **Mechanical 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 : **06 MAR 2019**

Deputy Registrar (Academic)

Valid for twelve months from the date of issue

Registration No.



110675MT11F02



National Institute of Technology Karnataka, Surathkal

hereby confers the degree of

Doctor 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

Registrar

Director

Chairperson, Board of Governors

Sl. No. PH15079

The Birla Institute of Technology & Science

Upon the Recommendation of the Senate hereby confers on

Manikandan H

The Degree of

Doctor of Philosophy

having been found duly qualified. The thesis presented for the Degree was entitled "*Investigations on Characterization of Surface Errors in Turning of Thin-Walled Components*".

Given this fourth day of May, two thousand twentyone under the Seal of the Birla Institute of Technology & Science at Pilani in the State of Rajasthan, India.



DIRECTOR


REGISTRAR
CHANCELLOR
VICE-CHANCELLOR

No.: A/14 00129

राष्ट्रीय प्रौद्योगिकी संस्थान कालिकट
National Institute of Technology Calicut



Upon the recommendation of the Senate hereby confers on

MINI TOM

the degree of

Doctor of Philosophy

in the year 2015

Based on the thesis entitled:

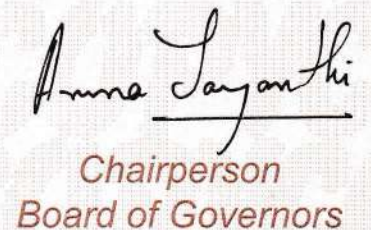
"CONNECTIVITY, SUM DISTANCE, BOUNDARY AND INTERIOR NODES IN FUZZY GRAPHS"

Given at the National Institute of Technology Calicut

on 5th December, 2015


Registrar


Director


Chairperson
Board of Governors

RR 20028261



அறிவியற் புலம்

FACULTY OF SCIENCE

மதுரை காமராசர் பல்கலைக்கழக ஆட்சிப்பேரவை

ஸ்ரீலேகா. பர்.

கணிதவியல் பிரிவில் மெய்ப்பொருளியல் நிறைஞர் பட்டம்

புத்தகுத் தகுதியுடையவர் என முறையாக அமைக்கப்பெற்ற தேர்வினோர் நவம்பர் 2008 இல் நடைபெற்ற

பரீட்சையில் சான்றளிக்கவானு, இரண்டாம் வகுப்பு

பற்று இச்சான்றிதழ் பெறுதற்கு உரியவர் ஆகின்றார் என இதன்வழி அறிவிக்கின்றது.

பல்கலைக்கழக இலச்சினையுடன் இது வழங்கப்படுகின்றது.

The Senate of the MADURAI KAMARAJ UNIVERSITY

by makes known that SREELEKHA B has been admitted to the

DEGREE OF MASTER OF PHILOSOPHY IN MATHEMATICS

she having been certified by duly appointed Examiners to be qualified to receive the same, and having been placed b

m in the SECOND CLASS at the Examination held in NOVEMBER 2008

Register No. : A5A6610002

Centre Code : 844



ISSUED ON
18 NOV 2010

Given under the seal of the University

கலைநகர், மதுரை - 625 021

Alainagar, Madurai - 625 021

கேர்வாணையர்

பரிசீலகர்

காண்குறிக்கப்பட்டவர்

பரிசீலகர் கருணாவேங்கர்

Folio No. : 70521

Certificate No. : 0282



GOVERNMENT OF KERALA

DIRECTORATE OF HIGHER SECONDARY EDUCATION

STATE ELIGIBILITY TEST - MAY 2007

Roll No. :.....37210337.....

Certified that Shri / SmtSURYA K A..... *has*

*passed the State Eligibility Test prescribed as one of the qualifications for appointment as
Higher Secondary School Teacher.*

Date of Test : 27th May, 2007

Subject :MATHEMATICS.....

Thiruvananthapuram

Date : 04-07-2007


Director



Certificate No.: A 057911

University Grants Commission

NATIONAL EDUCATIONAL TESTING BUREAU



NATIONAL ELIGIBILITY TEST FOR LECTURESHIP

UGC Ref. No.: 20571(NET-DEC., 2006) Roll No. T161212

Certified that MS. RESHMA R

Son/Daughter of SHRI RAVEENDRANATH

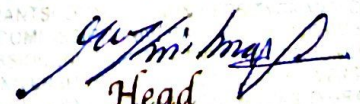
and SMT. SASIKALA M G

has qualified the UGC-NET Examination for eligibility for Lectureship held on
17th DECEMBER, 2006 in the Subject EDUCATION

His/Her Post-graduation Subject is EDUCATION

Validity of the certificate is forever.

Date of Issue: 15 SEP 2007


Head
NET Bureau

- Note: a) UGC has issued the certificate based on the information provided by the candidate and his/her records/certificates have not been verified. The appointing authority should verify the original records/certificates of the candidate while considering him/her for appointment, as the Commission is not responsible for the same. The candidate must complete UGC specified Master's Degree within one year of date of UGC-NET.
- b) Wherever ~~SC~~, PH or VH is shown in the UGC Ref. No., the recruitment body should check the relevant documents of ~~SC~~/Physically Handicapped/Visually Handicapped Candidates before appointment.



Mahatma Gandhi University

(Established by Kerala State Legislature by the Gandhi University Act, 1985 (Act 12 of 1985) and amended as Mahatma Gandhi University Act, 1986 by Act 5 of 1986)
University Buildings, Priyadarshini Hills P.O., Kottayam-686 560, Kerala, India

FACULTY OF SCIENCE

*The Syndicate of the Mahatma Gandhi University
hereby makes known that*

Smt. NUJA M. UNNIKRISHNAN
has been admitted to the Degree of
DOCTOR OF PHILOSOPHY

in

MATHEMATICS

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

Title of the Thesis : **APPLICATION OF FUZZY SETS AND GRAPH THEORY
IN MATHEMATICAL MORPHOLOGY**

Given under the seal of the University

Date of conduct of public viva-voce & award of Ph.D.: 06-06-2022

Date: 5-August-2022

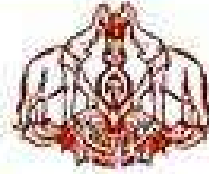


Vice-Chancellor

Folio No. : 21421

MA0053

Certificate No. : 00071



GOVERNMENT OF KERALA

DIRECTORATE OF HIGHER SECONDARY EDUCATION

STATE ELIGIBILITY TEST - DECEMBER - 2013

Roll No. : 77210166

Certified that Shri / Smt SOPHIA CLEETUS has

passed the State Eligibility Test prescribed as one of the qualifications for appointment as

Higher Secondary School Teacher.

Date of Test : 2nd February 2014

Subject : MATHEMATICS

Thiruvananthapuram

Date : 30/04/2015

Director

Cochin University of Science and Technology
കൊച്ചി ശാസ്ത്ര സാങ്കേതിക സർവകലാശാല



Register Number : 4309

*The Academic Council of the Cochin University of Science and Technology
hereby makes known that*

GEETHU R

is admitted to the Degree of

DOCTOR OF PHILOSOPHY

under the

FACULTY OF SCIENCE

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

Title of the thesis :

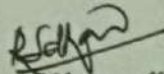
**"Hybrid thin film solar cell fabrication using sprayed electron collective ZnO
layer and spin or spray coated organic layer"**

This award is effective from 25 February, 2019.

Given under the seal of the University this day, 19 March, 2019.

Kochi - 682 022
Kerala, India.

SI No: 0109890


Vice - Chancellor

UNIVERSITY OF CALICUT



Calicut University P. O.
673 635

Folio No 126

Dated 2-11-1995

PROVISIONAL CERTIFICATE

Issued to..... Sunny George.....

Certified that the above candidate has been awarded the Degree of Doctor

of Philosophy (Ph. D.) in..... Zoology.....

under the faculty of..... Science.....



Deputy Registrar
Controller of Examinations of Calicut

Handwritten initials or mark at the bottom left corner.