

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 **2023-2024**



SCMS SCHOOL OF ENGINEERING & TECHNOLOGY

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2.4.2 List of full time teachers with Ph. D

Year: 2023-2024

Sl.No.	Name of the Department	Sl. No	Name	Designation
1	Automobile Engineering	1	Dr. Jenson Joseph E	Professor
2		2	Dr Manoj Kumar B	Associate Professor
3		3	Dr Jayadevan P C	Associate Professor
4	Civil Engineering	1	Dr. Anitha G. Pillai	Professor
5		2	Dr. Ratish Menon	Professor
6		3	Dr. Nisha L	Professor
7		4	Dr. Sanju Sreedharan	Associate Professor
8		5	Dr. Praseeja A V	Associate Professor
9		6	Dr. Akhila M	Associate Professor
10		7	Dr. Rahul R Pai	Assistant Professor
11		8	Dr. Lakshmi Priya	Assistant Professor
12	Computer Science and Engineering	1	Dr. Varun G Menon	Professor
13		2	Dr. Manish T I	Professor
14		3	Dr. V Suresh Kumar	Professor
15		4	Dr. Anu V.R.	Associate Professor
16		5	Dr. Deepa K	Associate Professor
17		6	Dr. Gayathry S Warriar	Assistant Professor
18		7	Dr. Aswathy Cherian	Assistant Professor
19		8	Dr. Scaria Alex	Assistant Professor
20	Artificial Intelligence and Data Science	1	Dr. Sonal Ayyappan	Associate Professor
21		2	Dr. Arshey M	Associate Professor
22	Electronics and Communication Engineering	1	Dr Deepak K S	Professor
23		2	Dr. Parvathy.M	Associate Professor
24		3	Dr. Sreeja K A	Associate Professor
25		4	Dr. Keerthana G	Associate Professor
26	Electrical & Electronics	1	Dr Jayanand B	Professor
27		2	Dr Divya Nath K	Associate Professor
28		1	Dr. Praveensal C J	Professor
29		2	Dr. Rag R L	Professor

31/12/2024

PRINCIPAL
SCMS SCHOOL OF ENGINEERING & TECHNOLOGY
VIDYANAGAR, PALLISSERY, KARUKUTTY
ERNAKULAM, KERALA-683 576



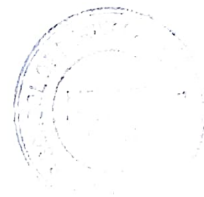
SCMS SCHOOL OF ENGINEERING & TECHNOLOGY

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

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

30	Mechanical Engineering	3	Dr Mahesa Rengaraj R	Professor	
31		4	Dr. Vidya Chandran	Associate professor	
32		5	Dr Raghav G R	Associate professor	
33		6	Dr. Gibin George	Associate professor	
34		7	Dr. Anjana Viswanath	Associate professor	
35		Basic Sciences and Humanities	1	Dr. Mini Tom	Professor
36			2	Dr Sreelekha Menon	Professor
37	3		Dr. Nuja M Unnikrishnan	Associate Professor	
38	4		Dr. Santhosh M V	Assistant Professor	
39	5		Dr Geethu R	Assistant Professor	
40	6		Dr.Nithya Mohan	Assistant Professor	
41	7		Dr. Vidyalekshmi	Assistant Professor	
42	8		Dr. Sunny George	Professor	

Amitha
5/11/2024



PRINCIPAL
SCMS SCHOOL OF ENGINEERING & TECHNOLOGY
VIDYANAGAR, PALLISSERY, KARUKUTTY
ERNAKULAM, KERALA-683 576



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

Manikandan
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





APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY
(A State Government University)



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

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

on

JAYADEVAN P C

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

**ANALYSIS OF FLUID FLOW THROUGH MICROCHANNELS
WITH MANUFACTURED ROUGHNESS LEVEL**

-2014-

This award is effective from 27th of February, 2020

Given this day the 28th of October, 2020

Under the seal of the University

Register Number : D-TCR15JUL005



[Signature]
Vice-Chancellor



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.



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

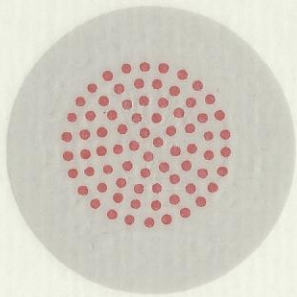
on

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, एतद्द्वारा 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

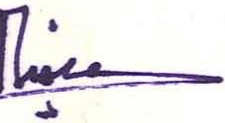
upon

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



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 :

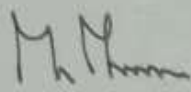
**"Bio-Fuel Cells: Sustainable Technology for the Treatment of Coconut Industry
Wastewater".**

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



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 कालिकट
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

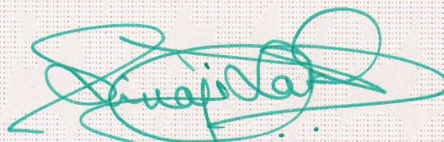
Based on the thesis entitled:

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



No. A - 20214567



P170074CE

राष्ट्रीय प्रौद्योगिकी संस्थान कालिकट
National Institute of Technology Calicut

upon the recommendation of the Senate, hereby confers on

LAKSHMI PRIYA

the degree of

Doctor of Philosophy

in the year 2023

Based on the thesis entitled:

**ALLOCATING DIFFERENTIAL RESPONSIBILITY OF POLLUTION FROM
ENVIRONMENTAL FORENSIC INVESTIGATION**

Given at the National Institute of Technology Calicut

on September 02, 2023



Registrar

Date of Viva-voce Examination : 26-06-2023

Director & Chairman Senate

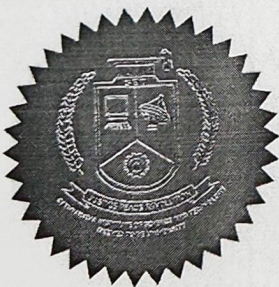
Chairperson Board of Governors

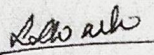
SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(Deemed to be University Under Section 3 of UGC Act, 1956)




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

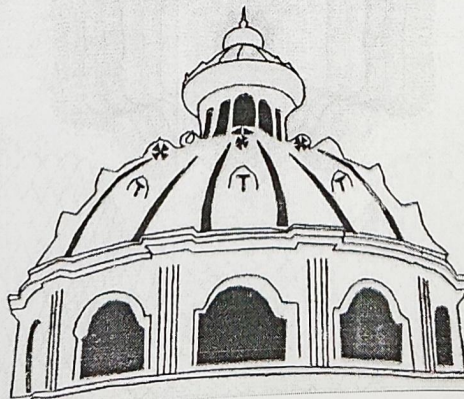



Vice Chancellor


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

மனோன்மனியம் சுந்தரனார் பல்கலைக்கழகம்
Manonmaniam Sundaranar University



பொறியியற் புலம்
FACULTY OF ENGINEERING

மனோன்மனியம் சுந்தரனார் பல்கலைக்கழக ஆட்சிக்குழு
சுரேஷ் குமார் வே ✓

கணினி அறிவியல் - தகவல் மற்றும் தொடர்பியலில் பொறியியல் (இணைவு) பாடப்பிரிவில்

அறிஞர் பட்டம் பெறுவதற்குத் தகுதியுடையவர் என முறையாக அமைக்கப்பெற்ற
தேர்வினோர் சான்றளித்தவாறு ஏப்பிரல் 2016 ஆம் ஆண்டில்
இப் பட்டப்பேற்றுக்கு உரியவர் ஆகின்றார் என இதன்வழி அறிவிக்கின்றது.

பல்கலைக்கழக முத்திரையுடன் இது வழங்கப்படுகின்றது.

The Syndicate of the MANONMANIAM SUNDARANAR UNIVERSITY
hereby makes known that SURESH KUMAR V ✓
has been admitted to the Degree of Doctor of Philosophy in
COMPUTER SCIENCE - INFORMATION AND COMMUNICATION ENGINEERING (INTERDISCIPLINARY) ✓

he/she having been certified by duly appointed Examiners to be qualified
to receive the same in the year. APRIL 2016 ✓

Given under the seal of the University.



திருநெல்வேலி, இந்தியா
Tirunelveli, India
நாள், Dated 28/12/2016

(Dr. S. Prabakar)
தேர்வுகண்காணிப்பு
Controller of Examinations

(Dr. A. John De Britto)
பதிவுகண்காணிப்பு
Registrar

(Dr. K. Bakkar)
உதவி இயக்குநர்
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 தீபா கு. 2022ஆம் ஆண்டு செப்டம்பர் 2ல் 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 DEEPA K 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 2nd SEPTEMBER 2022.

Title of the Thesis : A Machine Learning Approach for Android Malware Detection Using Refined Attributes

Subject : COMPUTER SCIENCE

Given under the seal of the University



N. S. S.

தேர்வாளையர் (பொ)
Controller of Examinations i/c

K. S. S.

பதிவாளர் (பொ)
Registrar i/c

கோயம்புத்தூர்
Coimbatore
நாள்

Dated: 24th August 2023.
alphd1582

M. S.

துணைவேந்தருக்காக
for Vice-Chancellor



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



Reg. No.: **1115908206**

The Board of Management of the **Noorul Islam Centre for Higher Education** hereby makes known that **GAYATHRY S. WARRIER** 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 on **26-11-2022** (*the date of viva-voce Examination*).

Title of the Thesis: **A FEATURE BASED REFINED APPROACH FOR SCOLIOTIC DETECTION**



Given under the seal of the University

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

Dated : **27 OCT 2023**

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

Dr.M.K.Jeyakumar

Controller of Examinations



Dr.P.Thirumalvalavan

Registrar

Dr.A.K.Kumaraguru

Vice-Chancellor



SRM INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY UNDER SECTION 3 OF THE UGC ACT, 1956)

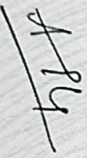


PROVISIONAL CERTIFICATE

FACULTY OF ENGINEERING AND TECHNOLOGY

Folio No.: AG220213

This is to certify that the following candidate has qualified for the award of Ph. D. as detailed below :

Register Number : PA1813003012011
Name : ASWATHY K CHERIAN [22-MAY-1990]
Degree / Diploma : DOCTOR OF PHILOSOPHY [Ph.D.]
Branch / Specialisation : COMPUTER SCIENCE AND ENGINEERING
Month and Year of Passing : DECEMBER - 2022
Title of the Thesis : AN ENHANCEMENT SYSTEM FOR UNDERWATER IMAGES USING TGBF AND ALPHA - SRGAN [COMPUTER SCIENCE AND ENGINEERING]
Signature of the Candidate : 
Date : 05-Dec-2022

SRM Nagar, Kattankulathur - 603 203
Chengalpattu (Dt), Tamil Nadu, India.




CONTROLLER OF EXAMINATIONS

This certificate bears no corrections(s)

Sl.No: P/2204

KALASALINGAM ACADEMY OF RESEARCH AND EDUCATION
(Deemed to be University)
(Under Section 3 of UGC Act 1956)



Register No.

201807261

The Board of Management of the Kalasalingam Academy of Research and Education hereby makes known that Mr/Ms SCARIA ALEX has been admitted to the **DEGREE OF DOCTOR OF PHILOSOPHY** under the **FACULTY OF COMPUTER SCIENCE AND ENGINEERING** having been certified by the duly appointed examiners to be qualified to receive the same in the year 2022.

The degree has been awarded in compliance with the "University Grants Commission, Regulation 2016"

Title of the thesis:

A HYBRID CLASSIFICATION OF ALGORITHM FOR EFFECTIVE DETECTION OF MALICIOUS JAVASCRIPT CODE

Given under the seal



Anand Nagar,
Krishnankoil - 626 126,
Tamil Nadu, India

Date: 24-02-2023

Controller of Examinations

Registrar

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).



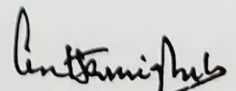
Given under the seal of the University



DATED : 25 SEP 2022

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


REGISTRAR


VICE-CHANCELLOR



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



Reg. No.: **1115908203**

The Board of Management of the **Noorul Islam Centre for Higher Education** hereby makes known that **ARSHEY M** 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 on **09-12-2022** (*the date of viva-voce Examination*).

Title of the Thesis: **FRACTIONAL EARTHWORM OPTIMIZATION DRIVEN DEEP LEARNING CLASSIFIER FOR PHISHING E- MAIL AND ATTACK DETECTION**



Given under the seal of the University

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

Dated : **27 OCT 2023**

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

Dr.M.K.Jeyakumar

Controller of Examinations



Dr.P.Thirumalvalavan

Registrar

Dr.A.K.Kumaraguru

Vice-Chancellor

राष्ट्रीय प्रौद्योगिकी संस्थान कालिकट
National Institute of Technology Calicut



Upon the recommendation of the Senate hereby confers on

DEEPAK.K.S

the degree of

Doctor of Philosophy

in the year 2016

Based on the thesis entitled:

**"ENHANCING ENERGY EFFICIENCY AND RELIABILITY OF IEEE
802.15.6 BASED WIRELESS BODY AREA NETWORKS"**

Given at the National Institute of Technology Calicut

on 15th October, 2016

S. Chandra Mohan
Registrar

Deepak K.S
Director

Ana Jayanthi
Chairperson
Board of Governors



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


 Controller of Examinations


 Registrar


 Vice-Chancellor



Anna University



Reg.No. 17244697468/RG

The Syndicate of the Anna University hereby makes known that
KEERTHANA G *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* **2022**. *The degree has been awarded in compliance with the "University Grants Commission, Regulations 2016".*

Title of the Thesis:

IMPROVING THE ROBUSTNESS AND SECURITY IN A REAL TIME AND SCALE-FREE WIRELESS SENSOR NETWORK

Given under the Seal of the University



Chennai 600 025
India
July 2022
SAB014403

P. Sankaranarayanan
Controller of Examinations

P. N. S.
Registrar

R. V. Vijay
Vice-Chancellor



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

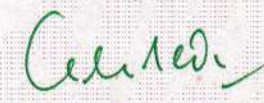
Based on the thesis entitled:

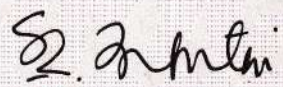
*"Investigations on an Array of Wire-Rounded Micro
Heat Pipes"*

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

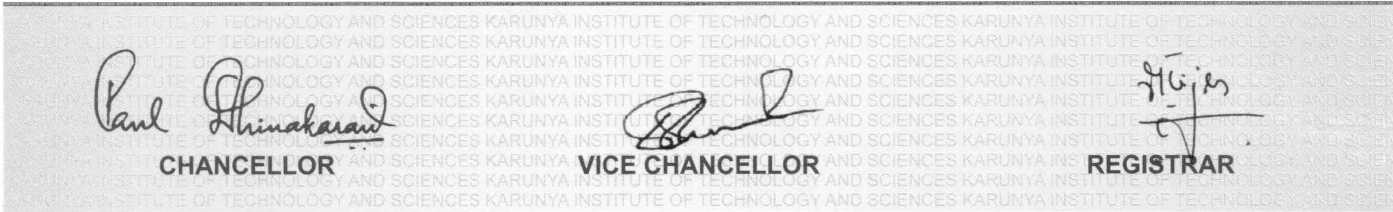
CHANCELLOR

[Signature]

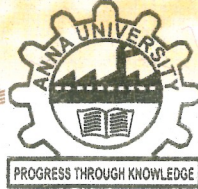
VICE CHANCELLOR

[Signature]

REGISTRAR



Anna University



Reg.No. 1515579739/RG

The Syndicate of the Anna University hereby makes known that
RAGHAV G R *has been admitted to the* **DEGREE OF DOCTOR OF PHILOSOPHY** *under the Faculty of Technology, having been certified by the duly appointed examiners to be qualified to receive the same in the year 2020. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".*


Title of the Thesis:

DRY SLIDING WEAR AND CORROSION STUDIES OF COBALT BASED NANOCOMPOSITES BY POWDER METALLURGY PROCESS



Given under the Seal of the University

Chennai 600 025
India
March 2021
RAR015014


Controller of Examinations
RAGHAV G R


Registrar


Vice-Chancellor
3C8ED77F875C18B8B5CC68A698ED7

SINHA 881113

R. Jishanony

Amersat

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



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

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:

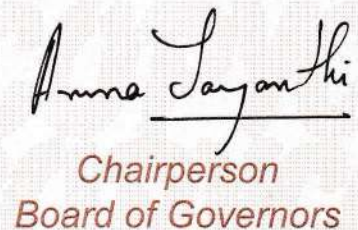
"CONNECTIVITY, SUM DISTANCE, BOUNDARY AND INTERIOR NODES IN FUZZY GRAPHS"

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

Palainagar, Madurai - 625 021

கேர்வானையர்

பகிவாளர்

காணவேங்கர்

பகிவாளர் காணவேங்கர்



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



Vice-Chancellor

Date: 5-August-2022



Cochin University of Science and Technology



FACULTY OF SCIENCE

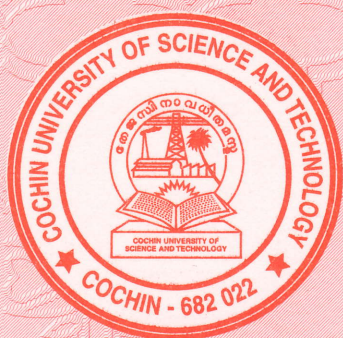
The Academic Council of the Cochin University of Science and Technology hereby makes known that..... **Santhosh M V** *.....*
is admitted to the Degree of

DOCTOR OF PHILOSOPHY

under the Faculty of Science, 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..... **21st June, 2016** *.....*

Sl. No.: 0023087
University Buildings
Kochi - 682 022
Issued on 19/07/2016 *.....*



Shah
Vice-Chancellor.

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"**

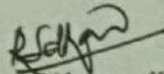
This award is effective from 25 February, 2019.

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

Kochi - 682 022
Kerala, India.

SI No: 0109890




Vice - Chancellor

Cochin University of Science and Technology

കൊച്ചി ശാസ്ത്ര സാങ്കേതിക സർവകലാശാല



Register Number : 5226

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

NITHYA MOHAN

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 :

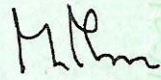
"Novel salen-type Schiff bases and their 3d metal complexes: Theoretical studies, investigation on sensing, optical, biological and catalytic activities"

This award is effective from 28 October, 2019.

Given under the seal of the University this day, 15 November, 2019.

Kochi -682 022
Kerala, India.

Sl.No:0117516


Vice - Chancellor

Cochin University of Science and Technology

കൊച്ചി ശാസ്ത്ര സാങ്കേതിക സർവകലാശാല



Register Number : 4410

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

VIDYA LEKSHMI K P

is admitted to the Degree of

DOCTOR OF PHILOSOPHY

under the

FACULTY OF ENVIRONMENTAL STUDIES

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

Title of the thesis :

**"MICROWAVE, PHOTO AND SONO ACTIVATED ADVANCED OXIDATION
PROCESSES AND THEIR VARIATIONS FOR THE DECONTAMINATION OF WATER
FROM TOXIC CHEMICAL POLLUTANTS"**

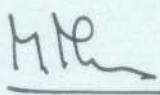
This award is effective from 02 May, 2019.

Given under the seal of the University this day, 27 May, 2019.

Kochi - 682 022
Kerala, India.

SI No: 0109919




Vice - Chancellor



FACULTY OF SCIENCE

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

Sunny George
has been admitted to
the Degree of
Doctor of Philosophy
in
Zoology

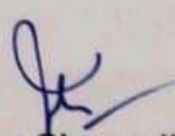
he having been certified by duly appointed Examiners
to be qualified to receive the same

with all the Rights, Privileges and Honours thereunto appertaining.

Given under the seal of the University

CALICUT UNIVERSITY P.O.
Kerala, INDIA
PIN - 673 635
06/09/2016

Date


Vice - Chancellor



No. 0623159