



Internal Quality Assurance Cell
MANGALAM COLLEGE OF ENGINEERING

2.4.2 FULL TIME TEACHERS WITH PhD

Sl.No	Academic year	No. of Faculty with Ph.D
1	2023-2024	31

Co-ordinator



Principal

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



Approved By AICTE & Directorate of Technical Education Kerala. | Affiliated to APJKTU University.

2.4.1 Number of full-time teachers with Ph. D

S.No	Name of full-time teacher with Ph.D./D.M/M.Ch./D.N.B. Super-speciality/D.Sc./D'Lit.	Qualification (Ph.D./D.M/M.C./D.N.B. Super-speciality/D.Sc./D'Lit.) and Year of obtaining	Whether recognized as research Guide for Ph.D./D.M/M.Ch./D.N.B. Super-speciality/D.Sc./D'Lit.	Year of Recognition as Research Guide	Is the teacher still serving the institution/If not last year of the service of Faculty to the institution	Name of the scholar	Year of registration of the scholar	Title of the thesis for scholar
1	Dr. D Ramesh Kumar	Ph.D & 2018	Yes	2020	Yes	Gokul P V	2021	Investigating the feasibility of Utilizing coffee husk ash as an alkaline activator in Geopolymer concrete
2	Dr. Radhakrishnan R	Ph.D & 2016	No	NA	Yes	NA	NA	YES
3	Dr. P Swaminathan	Ph.D & 2021	No	NA	Yes	NA	NA	YES
4	Dr. Arunkumar K	Ph.D & 2022	No	NA	Yes	NA	NA	YES
5	Dr. Vendi P Vijayan	Ph.D & 2018	Yes	2021	YES	Ms. Neena Joseph	2021	Automating ICD-10 classification using Advanced Deep Learning Techniques in the MIMIC-III Dataset
						Ms. Sani Jose	2024	Weather forecasting using AI ML techniques
6	Dr.S.P Predeep Kumar	Ph.D & 2018	No	NA	2024	NA	NA	NA
7	Dr. S. Padmalal	Ph.D & 2016	No	NA	Yes	NA	NA	NA
8	Dr. C Sahaya Kingsly	Ph.D & 2017	No	NA	Yes	NA	NA	NA
9	Dr. Sabu George	Ph.D & 2019	No	NA	Yes	NA	NA	NA
10	Dr. Abraham C G	Ph.D & 2021	Yes	2024	Yes	NA	NA	NA
11	Dr. R Radeep Krishna	Ph.D & 2021	No	NA	2024	NA	NA	NA
12	Dr. Deepthy Mary Alex	Ph.D & 2022	Yes	2024	Yes	NA	NA	NA
13	Dr. S Karthikumar	Ph.D & 2018	No	No	2024	NA	NA	NA
14	Dr. Reshma Gopi	Ph.D & 2023	Yes	2024	2024	NA	NA	NA
15	Dr. Honey Baby	Ph.D & 2023	No	No	Yes	NA	NA	NA
16	Dr. Binoy K Jose	Ph.D & 2023	No	No	2024	NA	NA	NA
17	Dr. Pratheesh K	Ph.D & 2019	Yes	2021	Yes	AjithKumar K. T.	2021.	Machine learning approach towards selection and design of thermal energy storage materials for domestic applications.
						Navish Kumar	2022	Numerical Analysis of an increased Jet Impingement system for thermal management of battery packs.
18	Dr. Manikandan H	Ph.D & 2020	Yes	2023	Yes	NA	NA	NA
19	Dr. Rabi J	Ph.D & 2020	No	NA	Yes	NA	NA	NA
20	Dr. Manuel George	Ph.D & 2021	No	NA	Yes	NA	NA	NA
21	Dr. Bibin Ks	Ph.D & 2022	No	NA	Yes	NA	NA	NA
22	Dr. Arun Jose	Ph.D & 2023	No	NA	Yes	NA	NA	NA
23	Dr. Lovay Jacob	Ph.D & 2020	No	NA	2024	NA	NA	NA
24	Dr. Anju Sunny	Ph.D & 2020	No	NA	Yes	NA	NA	NA
25	Prof. Dr. P P George	Ph.D & 2005	No	NA	Yes	NA	NA	NA
26	Dr. Meenu M T	Ph.D & 2021	No	NA	Yes	NA	NA	NA
27	Dr. Nagajuna E	Ph.D & 2016	No	NA	Yes	NA	NA	NA
28	Dr. Tomy Mathew	Ph.D & 1994	No	NA	Yes	NA	NA	NA
29	Dr. Prina Anne George	Ph.D & 2019	No	NA	Yes	NA	NA	NA
30	Dr. Sann Abraham	Ph.D & 2023	No	NA	Yes	NA	NA	NA
31	Dr. K. Venkata Ramana	Ph.D & 2017	No	NA	Yes	NA	NA	NA

Co-ordinator



Principal

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

Contact Info
Mangalam Campus,
Mangalam Hills,
Vettimukal P.O.,
Kottayam, Kerala - 686 631

General Enquiry
+91 481 2710120
+91 481 2537053
+91 481 2533711
+91 481 2533700

Admission Helpline
+91 98950 10120
info@mangalam.in
www.mangalam.ac.in



Anna University



Reg.No.71100231009/RG



The Syndicate of the Anna University hereby makes known that **RAMESH KUMAR D** has been admitted to the **DEGREE OF DOCTOR OF PHILOSOPHY** under the Faculty of Civil Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year 2018. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

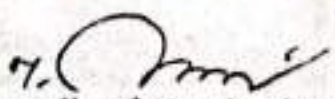
Title of the Thesis:


STUDIES ON THE EFFICACY OF ECO-FRIENDLY CONCRETE IMPREGNATED WITH PROMINENT INDUSTRIAL BY-PRODUCTS

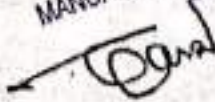
Given under the seal of the University




Chemical 1200025
India
June 2018
MANGALAM


Controller of Examinations
MANGALAM


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor


Registrar


Vice-Chancellor
MANGALAM

Register No : 09DRFCE001

Folio No : 00901



KARPAGAM UNIVERSITY
KARPAGAM ACADEMY OF HIGHER EDUCATION
COIMBATORE - 641 021, INDIA

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 R. RADHA KRISHNAN
has been admitted to the DEGREE OF DOCTOR OF PHILOSOPHY In CIVIL ENGINEERING
under the FACULTY OF ENGINEERING

having been certified by the duly appointed examiners to be qualified to receive the same on 5th February 2016



THE SEAL OF UNIVERSITY

Coimbatore

Dated : 12.11.2016

[Signature]
REGISTRAR

[Signature]
VICE-CHANCELLOR



CONTROLLER OF EXAMINATIONS

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettimannoor



அண்ணாமலைப் பல்கலைக்கழகம்
ANNAMALAI UNIVERSITY



பொறியியற்புலம்
FACULTY OF ENGINEERING & TECHNOLOGY

ஆகஸ்டு, 2021 இல் கட்டிடம் மற்றும் அமைப்புப் பொறியியல் பிரிவில் நடத்திய தேர்வுகளில் சுவாமிநாதன் ப தேர்ச்சியடைந்து ஆய்வேட்டை மதிப்பிட முறையாக அமைக்கப்பெற்ற தேர்வுக்குழுவினர் சான்றளித்தபடி, ஆய்வியல் அறிஞர் பட்டம் பெறுவதற்கு உரியவர் ஆகின்றார் என அண்ணாமலைப் பல்கலைக்கழக ஆட்சிக்குழு இதன்வழி அறிவிக்கின்றது.

The Syndicate of the ANNAMALAI UNIVERSITY hereby makes known that SWAMINATHAN P has been admitted to the Degree of DOCTOR OF PHILOSOPHY in CIVIL AND STRUCTURAL ENGINEERING he/she having been certified by duly appointed Board of Examiners who valued his/her thesis to be qualified to receive the same in AUGUST, 2021.

TITLE OF THE THESIS

"BEHAVIOUR OF DEEP BEAMS REINFORCED INTERNALLY WITH HYBRID FIBRE REINFORCED POLYMER (HFRP) REINFORCEMENTS WITH AND WITHOUT WEB OPENINGS"

பல்கலைக்கழக முத்திரை பெறுகின்றது
Given under the seal of the University



அண்ணாமலைநகர்
Annamalainagar

நாள்:
Dated: 18/04/2022

Dr. K. Seetharaman
PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor
பதிவாளர் (பொதுப்பு)
Registrar (I/c)

Dr. R.M. K...
Dr. R.M. K...
குணைப்பெரு
Vice-Chancellor



ACADEMY OF RESEARCH AND EDUCATION
GUDEMEDIALIBERUNIVERSITY

(Under Section 3 of UGC Act 1956)

Anand Nagar, Krishnankoil - 626 126,
Srivillipattur (Via), Virudhunagar (Dt), Tamil Nadu, India

Sl.No.: P/22024



Provisional Certificate

Register No.: 201995147

This is to Certify that Thirumiku..... ARUNKUMAR K h25

qualified for the Degree DOCTOR OF PHILOSOPHY in CIVIL ENGINEERING

This comes into effect from the date of Public Viva-voce examination held on.....17-06-2022.....

ENGINEERING PROPERTIES OF GEOPOLYMER CONCRETE INCORPORATING LOW
CALCIUM AND HIGH POTASSIUM BASED ASHES FOR HEAVY-TRAFFIC PAVING BLOCKS

Title of the Thesis.....



Place : Krishnankoil

Date : 17/06/2022

Controller of Examinations

PRINCIPAL
GUDEMEDIALIBERUNIVERSITY COLLEGE OF ENGINEERING
Ettumanoor

Vice - Chancellor

Sl.No. 02250



VELS

INSTITUTE OF SCIENCE, TECHNOLOGY
& ADVANCED STUDIES (VISTAS)
(GRANTED TO BE UNIVERSITY BY ACT OF THE U.C. ACT, 1984)
NAAC ACCREDITED
PALLAVARAM, CHENNAI - INDIA



Reg. No.: (P)3G9610006

FACULTY OF ENGINEERING
The Board of Management of the
VELS INSTITUTE OF SCIENCE, TECHNOLOGY AND ADVANCED STUDIES(VISTAS)
hereby makes known that

VINODH P VIJAYAN

has been admitted to the degree of
Doctor of Philosophy he/she having been certified by duly appointed examiners
to be qualified to receive the same in the year **FEBRUARY 2018**
for the thesis entitled

**"IMPROVING NETWORK LIFETIME AND COVERAGE OF
ROBOTIC SENSORS IN WIRELESS NETWORKS".**

(COMPUTER SCIENCE ENGINEERING)

Given under the seal of the VISTAS



Dated: 17-JUN-2018

Pallavaram,
Chennai - 117
INDIA

Controller of Examinations

Registrar

Vice-Chancellor





St. Peter's Institute of Higher Education and Research

Deemed to be University u/s 3 of the UGC Act, 1956



*The Board of Management of the
St. Peter's Institute of Higher Education and Research*

hereby makes known that

PREDEEP KUMAR S P

has been admitted to the Degree of

DOCTOR OF PHILOSOPHY

in

COMPUTER SCIENCE AND ENGINEERING

he having been certified by duly appointed examiners

to be qualified to receive the same

at the VIVA-VOCE examination held in FEBRUARY 2018.



Given under the seal of the Institute

Date : 10-03-2018
Avadi, Chennai - 600 054
Tamilnadu, India

[Signature]
PRINCIPAL
COLLEGE OF ENGINEERING
Ettumanoor

[Signature]
Vice-Chancellor



பொறியியற் புலம்
FACULTY OF ENGINEERING

மனோன்மனியம் சுந்தரனார் பல்கலைக்கழக ஆட்சிக்குழு
பத்மலால் ச /

கணினி மற்றும் தகவல்தொழில்நுட்பவியல் 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 PADMALALS /
has been admitted to the Degree of Doctor of Philosophy in
COMPUTER AND INFORMATION TECHNOLOGY /

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

தேர்வாளரையர்
Controller of Examinations

(Dr.A. John De Britto)
பதிவாளர்
Registrar

(Selvi Apoorva I.A.S.)
(Convener)
துணை வேந்தர்
Vice-Chancellor

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

மனோன்மணியம் சுந்தரனார் பல்கலைக்கழகம்
Manonmaniam Sundaranar University



பொறியியற் புலம்

FACULTY OF ENGINEERING



மனோன்மணியம் சுந்தரனார் பல்கலைக்கழக ஆட்சிக்குழு

சகாய கிங்ஸ்லி சி

கணினி அறிவியல் மற்றும் பொறியியல் பாடப்பிரிவில்

அறிஞர் மட்டம் பெறுவதற்குத் தகுதியுடையவர் என முறையாக அமைக்கப்பெற்ற

தேர்வினோர் சான்றளித்தவாறு 19 சம்பர் 2017 ஆம்

ஆண்டில் இப் பட்டப்பேற்றுக்கு உரியவர் ஆகின்றார் என இதன்வழி அறிவிக்கின்றது.

பல்கலைக்கழக முத்திரையுடன் இது வழங்கப்படுகின்றது.

The Syndicate of the MANONMANIAM SUNDARANAR UNIVERSITY hereby makes known that SAHAYA KINGSLY C has been admitted to the Degree of Doctor of Philosophy in COMPUTER SCIENCE AND ENGINEERING he/she having been certified by duly appointed Examiners to be qualified to receive the same in the year DECEMBER 2017

Given under the seal of the University.



திருச்செங்கை, திண்டிவனம்
Tiruchchengai, Thindivanam
திகதி / Date 31.07.2018

(Dr. A. Sunilandhi)
தேர்வுகணணி
Controller of Examinations

(Dr. S. Santhosh Baboo)
பதிவாளர்
Registrar

(Dr. K. Baskar)
கூலகமேதலர்
Vice-Chancellor

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



MANIPAL

ACADEMY of HIGHER EDUCATION

(Deemed to be University under Section 3 of the UGC Act, 1956)

This is to certify that

Dr. SABU GEORGE

has been conferred the degree of

Doctor of Philosophy

Ph.D.

in recognition of his/her research work entitled

**DEVELOPMENT OF DECEPTION ACTIVITY DETECTION ALGORITHMS: EMOTION AND
FACIAL EXPRESSION BASED APPROACH**

having fulfilled the prescribed requirements on 29-October-2019



Ushy

Vice-Chancellor

Given under the seal of Manipal Academy of Higher Education, Manipal - India | On this date : November 15, 2019

Signature of the Vice-Chancellor
Ellumiancor



Dr. Sabu George
Vice-Chancellor

Anna University



Reg.No. 14.S-69354/RC

The Syndicate of the Anna University hereby makes known that ABRAHAM C 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 2020. The degree has been awarded in compliance with the 'University Grants Commission, Regulations 2009'.

Title of the Thesis:


VLSI IMPLEMENTATION OF LOW POWER INVERSE FAST FOURIER TRANSFORM ARCHITECTURE USING EFFICIENT PRUNING ALGORITHM

Given under the Seal of the University

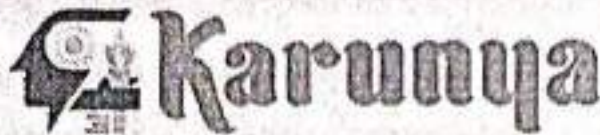


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11-11
March 2021


Controller of Examinations


PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumambadi
Registrar


M.K. Srinivasan
Vice-Chancellor



INSTITUTE OF TECHNOLOGY AND SCIENCES
SOLVING HUMAN PROBLEMS

(Deemed to be University under Sec.3 of the UGC Act, 1956)
KARUNYA NAGAR, COIMBATORE - 641 114, TAMIL NADU, INDIA.



*The Board of Management
hereby makes known that*

DEEPTHY MARY ALEX

*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 2022*

Title of the Thesis :

*Exploration of stages in automated prediction of chronic kidney disease using 2D ultrasound
kidney images*

*Given under the seal of the
Deemed to be University.*



Dated 9th July 2022

RRK18EC003

Mode : Regular



Paul Thimasekaran
CHANCELLOR

Shanmugan
VICE CHANCELLOR
MANGALAM

[Signature]
PRINCIPAL
COLLEGE OF ENGINEERING
Ettumanoor

[Signature]
REGISTRAR

Sl. No.: F 018047

SUNO: 11/21018

KALASALINGAM ACADEMY OF RESEARCH AND EDUCATION

(Deemed to be University)
(Under Section 3 of UGC Act 1956)



Register No.

201408217

The Board of Management of the Kalasalingam Academy of Research and Education hereby makes known that **M./M. RADEEP KRISHNA R** has been admitted to the **DEGREE OF DOCTOR OF PHILOSOPHY** under the **FACULTY OF ELECTRONICS AND COMMUNICATION ENGINEERING** having been certified by the duly appointed examiners to be qualified to receive the same in the year **2021**.

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

Regulation 2016"

Title of the thesis:

SIMULATION AND OPTIMISATION OF 3D IC PHYSICAL DESIGN FLOW

Given under the seal



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

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ethurambur

Date: 11-12-2021

Controller of Examinations

Registrar

Vice-Chancellor

Regn. No. : SP10EEDB100



St. Peter's Institute of Higher Education and Research

Deemed to be University u/a 3 of the UGC Act, 1956



*The Board of Management of the
St. Peter's Institute of Higher Education and Research
hereby makes known that*

KARTHIKUMAR S
*has been admitted to the Degree of
DOCTOR OF PHILOSOPHY*

in

ELECTRICAL AND ELECTRONICS ENGINEERING
*he having been certified by duly appointed examiners
to be qualified to receive the same
at the VIVA-VOCE examination held in MARCH 2017.*



Given under the seal of the Institute

Date : 10-03-2018
Avadi, Chennai - 600 054
Tamilnadu, India
INDIAN INSTITUTE OF TECHNOLOGY

Yael K.
Registrar

Principal
MANGALAM COLLEGE OF ENGINEERING
Pranvi @ Peta
Vice-Chancellor

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

14PHD0489

11.7.04



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



RESHMA GOPI R

the degree of

DOCTOR OF PHILOSOPHY

in recognition of the research work entitled

INVESTIGATIONS ON RENEWABLE ENERGY SOURCES WITH INTELLIGENT
LOAD FORECASTING AND DEMAND RESPONSE MANAGEMENT FOR
DOMESTIC CONSUMERS

for having fulfilled the prescribed requirements.

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



given this day the 17 April 2023



Given under the seal of this university

R.B. Reddy
Vice - Chancellor



[Signature]
Chancellor

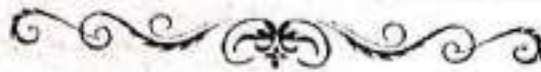
Date: 28-Jul-2023
Vellore - 632 014, Tamil Nadu, India

[Signature]
PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



Karunya
INSTITUTE OF TECHNOLOGY AND SCIENCES

(Deemed to be University under Sec.3 of the UGC Act, 1956)
KARUNYANAGAR, COIMBATORE - 641 114, TAMIL NADU, INDIA.



*The Board of Management
hereby makes known that*

HONEY BABY

has been admitted to the Degree of

Doctor of Philosophy

in

Electrical and Electronics Engineering

under the Faculty of Engineering

*having been certified by duly appointed examiners to be
qualified to receive the same in October 2022*

Title of the Thesis :

*Reactive power management in distributed generation system with FACTS devices using
different optimization algorithm*

*Given under the seal of the
Deemed to be University.*

Dated 8th July 2023



RRK17EED01

Mode : Regular



Paul Srinivasan

CHANCELLOR

[Signature]

VICE CHANCELLOR

[Signature]
REGISTRAR

Sl. No.: F 1118104

[Signature]
PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

Mahatma Gandhi University

(Established by Kerala State Legislature by Notification No. 1011 of 1983 on, dated 17th April 1983)

Roll No. 2

Page No. 22



KOTTAYAM
Dated 21/04/2022

PROVISIONAL CERTIFICATE

Certified that *Shri/ Smt. Bincy K. Jose*
has been awarded *Ph.D. Degree* in *Electrical Engineering* in the
Faculty of *Engineering and Technology*
Title of the thesis *Investigations in grid integrated
PV systems and efficient energy harvesting
under partially shaded conditions*



Date of Conduct of public viva-voce & award of Ph.D. *10-03-2022*

Prepared by *EBX*

Checked by *Rebel* Section Officer

Manjira
Assistant / Deputy Registrar

[Signature]
CONTROLLER OF EXAMINATIONS

[Signature]

[Signature]
PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

101 A 12 12983

राष्ट्रीय प्रौद्योगिकी संस्थान कालिकट
National Institute of Technology Calicut



Upon the recommendation of the Senate hereby confers on

K. PRATHEESH

the degree of

Doctor of Philosophy

in the year 2019

Based on the thesis entitled:

**ROLE OF ALLOYING ELEMENTS, Sr- MODIFICATION AND PROCESS
VARIABLES ON THE MICROSTRUCTURE AND MECHANICAL
PROPERTIES OF SQUEEZE CAST NEAR- EUTECTIC Al-Si PISTON
ALLOY**

Given at the National Institute of Technology Calicut

on 21st September, 2019


Registrar


Director


Chairman
Board of Governors

BL/2004/2011/51/10002

The Vira 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 two thousand under the Seal of the Vira Institute of Technology & Science at Pilani in the State of Rajasthan, India.

DIRECTOR

REGISTRAR



CHANCELLOR

VICE-CHANCELLOR

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumancor

Anna University

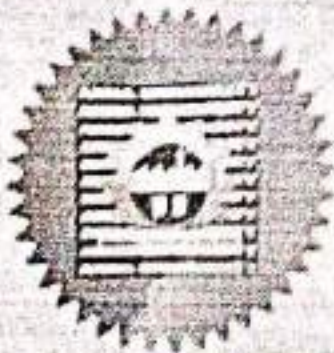


Reg No. 111005104ANRG1

The Syndicate of the Anna University hereby makes known that RABI J has been admitted to the **DEGREE OF DOCTOR OF PHILOSOPHY** under the Faculty of Mechanical Engineering, 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:

DEFECT ANALYSIS IN FRICTION STIR WELDING OF ALUMINIUM ALLOY AA6082 THROUGH ONLINE CONDITION MONITORING SYSTEM



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Given under the Seal of the University

Chennai 600 025
India
March 2021

Controller of Examinations

Registrar

Vice-Chancellor

16PHD0071

Sl. No. 123926



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

MANUEL GEORGE

the degree of

DOCTOR OF PHILOSOPHY

in recognition of the research work entitled

INFLUENCE OF GRAPHENE DECORATED WITH GRAPHENE QUANTUM DOTS (GDGQD)
REINFORCEMENT ON THE VARIOUS PROPERTIES OF EPOXY NANOCOMPOSITES

for having fulfilled the prescribed requirements.

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

given this day the 03 June 2021



Given under the seal of this university



R.B. Koodali
Vice - Chancellor

[Signature]
Chancellor

Dated: 08-Sep-2021
Vellore - 632 014, Tamil Nadu, India

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

Sl. No.21 08669



AMRITA
VISHWA VIDYAPEETHAM

DEEMED TO BE UNIVERSITY
Amritanagar, Coimbatore - 641 112, India.

AMRITA/UNIV/PRO-PhD/435/2022

November 24, 2022

PROVISIONAL CERTIFICATE

Mr. BIBIN K.S (Roll No. AM.EN.D*MEE14158), Department of Mechanical Engineering, Amrita Vishwa Vidyapeetham, Amritapuri 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.

He successfully defended his thesis titled "COMPUTATIONAL INVESTIGATION OF SINGLE-PHASE AND TWO-PHASE HEAT TRANSFER IN SQUARE CHANNELS PARTIALLY FILLED WITH POROUS MEDIUM" on 21.10.2022.

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



Dr. R. Dhandapani
Controller of Examinations



National Institute of Technology Tiruchirappalli

hereby confers the degree of

Doctor of Philosophy

of the institute

on

ARUN JOSE

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

**Modeling Drivers, Barriers and Development of a Traceability System for
Dry Fish Supply Chain of Small and Medium Enterprises in India**



*Given this day the Twenty-Eight of July 2023
Under the seal of the Institute*



TIRUCHIRAPPALLI - 620 015, INDIA

N. Dhul
Registrar

dhmb
Director

PRINCIPAL
MANGLAM COLLEGE OF ENGINEERING
Ettumanoor

[Signature]
Chairperson
Board of Governors



A-2020-1361



राष्ट्रीय प्रौद्योगिकी संस्थान कालिकट
National Institute of Technology Calicut

Upon the recommendation of the Senate, hereby confers on

Lovey Jacob

the degree of

Doctor of Philosophy

in the year 2020

Based on the thesis entitled:

**STUDIES ON POLYMER NANOCOMPOSITE MEMBRANE FOR HEAVY
METAL REMOVAL FROM WASTEWATER**

Given at the National Institute of Technology Calicut

on November 28, 2020



[Signature]
Registrar

[Signature]
Director

[Signature]
PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor

[Signature]
Chairperson
Board of Governors

No. A-2020-1338



राष्ट्रीय प्रौद्योगिकी संस्थान कालिकट
National Institute of Technology Calicut

Upon the recommendation of the Senate, hereby confers on

Anju Sunny

the degree of

Doctor of Philosophy

in the year 2020

Based on the thesis entitled:

**SIMULATION, OPTIMIZATION AND CONTROL OF SYNGAS
PRODUCTION PROCESS IN REGASIFIED LIQUEFIED NATURAL GAS
BASED AMMONIA PLANT**

Given at the National Institute of Technology Calicut

on November 28, 2020



[Signature]
Registrar

Sanku P.S MANGALAM
Director

[Signature]
PRINCIPAL
EXAMINATIONS
Chairperson
Board of Governors



भारतीय प्रौद्योगिकी संस्थान मुंबई

पी. पौलोस जॉर्ज
को एवम्बारा

विद्या वाचस्पति

की उपाधि प्रदान करता है।

अभिप्रेत की अनुशंसा पर संस्थान की मुद्रांकित यह उपाधि, अवाचि हेतु विनियमों में विहित अपेक्षाओं को पूर्ण कर लेने पर तथा फरवरी 2005 में अपने शोध-प्रबंध के सफल पक्षपोषण के उपरान्त, मुंबई, भारतीय गणराज्य में आज 16 सितम्बर, 2005 को दी गई है।

Indian Institute of Technology Bombay

upon recommendation of the Senate hereby confers the degree of

Doctor of Philosophy

on


P. Paulose George

who has fulfilled the requirements for the degrees prescribed under the regulations and successfully defended in February 2005, the thesis entitled :

"New Tertiary Phosphines, Phosphinites and Phosphonites: Synthesis, Derivatization, Spectroscopic Studies, Crystal Structures and Transition Metal Chemistry".

Given this day, under the seal of the Institute at Mumbai in the Republic of India, the 16th day of September 2005.




Chairman, Senate


Registrar
PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettimambur
Chairman, Board of Governors

1003017

AcSIR

वैज्ञानिक और नवीकृत अनुसंधान अकादमी

ACADEMY OF SCIENTIFIC AND INNOVATIVE RESEARCH

(Established by an Act of Parliament as an Institution of National Importance)

Sl. No. 2021/10/291

ACADEMY OF SCIENTIFIC AND INNOVATIVE RESEARCH ON THE RECOMMENDATION OF THE SENATE
HEREBY CONFERS UPON

Meenu. M. T

THE DEGREE OF

DOCTOR OF PHILOSOPHY IN SCIENCE

UNDER THE FACULTY OF CHEMICAL SCIENCES

FOR THE RESEARCH WORK CARRIED OUT AT

CSIR-National Institute for Interdisciplinary Science and Technology, Thiruvananthapuram, INDIA

WITH THE THESIS TITLE

**Identification and derivatization of bioactive secondary metabolites from traditionally
highlighted floras and exploring applications thereof**

THE CANDIDATE HAS BEEN DECLARED QUALIFIED FOR THE AWARD OF THE DEGREE ON 10th September, 2021



Rajender Sharma
Director



PRINCIPAL
GALAM COLLEGE OF ENGINEERING
Ettumanoor

Chandra Shekhar
Chancellor

HINDUSTAN UNIVERSITY

HINDUSTAN INSTITUTE OF TECHNOLOGY & SCIENCE

(Estd. u/s 3 of UGC Act, 1956)



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

hereby confers on

EDURU NAGARJUNA

the degree of

Doctor of Philosophy

In the Department of Computer Science and Engineering

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

Design and Analysis of Novel Modified Cross Layer Controller for WMSN

Given on this day, the 2nd of November 2016



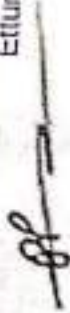
DATE: 06-03-2017

Chennai, India

Given under the Seal of the University



PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettumanoor



REGISTRAR



VICE-CHANCELLOR

CHANCELLOR

அண்ணாமலைப்
ANNAMALAI



பல்கலைக்கழகம்
UNIVERSITY

கலையியற்புலம்
FACULTY OF ARTS

அண்ணாமலைப் பல்கலைக்கழக ஆளவை
டோம் மேத்யு

ஆய்வியல் அறிஞர் படம் பெறுவதற்குத் தகுதியுடையவர் என முறைப்பாடு
அமைக்கப்பெற்ற தேர்வினோர் சான்றளித்தபடி ஜூலை, 1994 இல்
வணிகவியல் பிரிவில் தேர்வுற்று, அன்னவர் இந்தப் பட்டப்பெற்றார்
உரியவர் ஆகின்றார் என்று இதன்வழி அறிவித்துக் கொள்கின்றது.

The Senate of the ANNAMALAI UNIVERSITY hereby makes
known that TOMY MATHEW has been admitted
to the Degree of DOCTOR OF PHILOSOPHY in COMMERCE
he/she having been certified by duly appointed Examiners to be
qualified to receive the same in JULY, 1994.

பல்கலைக்கழக முத்திரை பெறுகின்றது
Given under the seal of the University



அண்ணாமலைநகர்
Annamalainagar

நாள்:
Dated: 25th Oct. 1995

PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
Ettimanoor

குணசெகரன்
Vice-Chancellor



**National Institute of Technology
Tiruchirappalli**

hereby confers the degree of

Doctor of Philosophy

of the institute

on

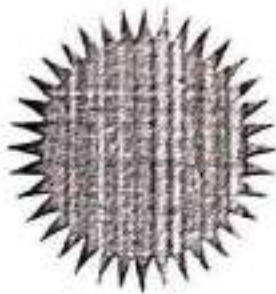
SARIN ABRAHAM

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

**Development of Methods to Study Impact and to Select Nash Equilibrium in
Non-Zero-Sum Games and Usage of Gamma and Beta Distribution for
Negotiation and Application of Asymmetric Triangular Distribution Fuzzy Approach in
Multi-Criteria Decision-Making Problem in Zero-Sum Game**



*Given this day the Twenty Fifth of September 2021
Under the seal of the Institute*



TIRUCHIRAPPALLI - 620 015, INDIA



A handwritten signature in green ink, belonging to M. Mangalam.

**PRINCIPAL
MANGALAM COLLEGE OF ENGINEERING
M. Mangalam**
Director

A handwritten signature in black ink, belonging to the Chairperson of the Board of Governors.

**Chairperson
Board of Governors**

M. G.
Registrar



பொறியியற்பலம்

FACULTY OF ENGINEERING & TECHNOLOGY

மார்ச் 2017 இல் கண்காணிப்பில் சமர்த்தியவர் சமர்த்திய நடைமுறைகள் வெளிக்கொணர்ந்திருக்கின்றன. இவற்றில் சமர்த்திய நடைமுறைகள் வெளிக்கொணர்ந்திருக்கின்றன. சமர்த்திய நடைமுறைகள் வெளிக்கொணர்ந்திருக்கின்றன. சமர்த்திய நடைமுறைகள் வெளிக்கொணர்ந்திருக்கின்றன.

The Syndicate of the Annamalai University hereby certifies that YENKATARAMANAK has been admitted to the Degree of DOCTOR OF PHILOSOPHY in COMPUTER SCIENCE AND ENGINEERING for the having been certified by duly appointed examiners on the basis of his/her thesis to be qualified to receive the same in MARCH 2017.

TITLE OF THE THESIS

ENHANCED QOS IN MARKETS USING ANALYSIS OF CHANNEL AWARE-ADMMV ROUTING PROTOCOL TO SECURE AND RELIABLE MULTIHOP WIRELESS NETWORK

Given under the seal of the University



Signature
Dr. S. Venkatesh
Dean, Engineering & Technology

Signature
Dr. S. Venkatesh
Dean, Engineering & Technology

Signature
Dr. S. Venkatesh
Dean, Engineering & Technology

Annamalai Nagar - 600002
Dated: 22/12/2017 By, Controller of Examinations

Signature

PRINCIPAL
ANNAMALAI COLLEGE OF ENGINEERING