



# A. R. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai)  
Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

## Criterion 2–Teaching-Learning and Evaluation

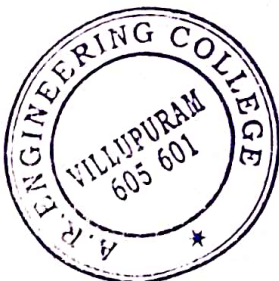
### Key Indicator – 2.4 Teaching Profile and Quality


2.4.2. Percentage of full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. during the last five years (consider only highest degree for count)

**NOTE:** The supporting documents for this metric exceed the upload limit of 5MB. Hence the documents are made available in HEI website and links for the metric is given below.

### INDEX

METRIC	PARAMETER	LINK TO RELEVANT DOCUMENTS
2.4.2	Percentage of full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. during the last five years (consider only highest degree for count)	<a href="#">VIEW DOCUMENTS</a>



  
Dr.R.PANNEERDHASS, M.E., Ph D.,  
PRINCIPAL  
A.R.ENGINEERING COLLEGE  
VADAKUCHIPALAYAM,  
KAPPIYAMPULIYUR POST,  
VILLUPURAM-605 601.




# A. R. ENGINEERING COLLEGE

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Dr.R.PANNEERDHASS, M.E., Ph D.,  
PRINCIPAL  
A.R.ENGINEERING COLLEGE  
VADAKUCHIPALAYAM,  
KAPPIYAMPULIYUR POST,  
VILLUPURAM-605 601.



# A. R. ENGINEERING COLLEGE

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Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

## Authentication Certificate

**2.4.2. Percentage of full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. during the last five years (consider only highest degree for count).**

This is certify that the full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. during the last five years (consider only highest degree for count ) and are as follows.

Academic Year	2022-2023	2021-2022	2020-2021	2019-2020	2018-2019
Total number of full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. during the last five years	12	10	08	07	10

The following documents are submitted for authenticating the data declared above and submitted in SSR for the last five academic years.

- List of full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. during the last five years (consider only highest degree for count) authenticated by the Principal.



  
Principal

Dr.R.PANNEERDHASS, M.E., Ph.D.,  
PRINCIPAL  
A.R.ENGINEERING COLLEGE  
VADAKUCHIPALAYAM,  
KAPPIYAMPULIYUR POST,  
VILLUPURAM-605 601.



# A. R. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai)  
Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

## 2.Consolidated Reports for number of Full Time Teachers with NET/SET/SLET/Ph.D.,

2.4.2.1 Number of full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt.  
Year wise during last five years

Year	2022-2023	2021-2022	2020-2021	2019-2020	2018-2019
Number	12	10	08	07	10

Percentage=


Total number of full time teachers  
With such qualification during last five years \* 100

Total number of full time  
Teachers year wise last five years

$$\text{Percentage} = \frac{47}{287} \times 100$$

$$= 16.37\%$$



  
Dr.R.PANNEERDHASS, M.E., Ph.D.,  
PRINCIPAL  
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VADAKUCHIPALAYAM,  
KAPPIYAMPULIYUR POST,  
VILLUPURAM-605 601.



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Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

## 3.List of Full Time Teachers with NET/SET/SLET/Ph.D.,

S.NO	Name of the Faculty	NET/SET/SLET/Ph.D.,
------	---------------------	---------------------

2022-2023

1	DR. VASANTHI M	Ph.D
2	DR. MARIYA KULANDAI RAJA BALAN A	Ph.D
3	DR.V.MURUGAN	Ph.D
4	DR. GIRIJA V	Ph.D
5	DR.JAGA JOTHI B	Ph.D
6	DR. PANNEERDHASS R	Ph.D
7	DR.R.ANBAZHAGAN	Ph.D
8	DR.K.KAMAL BABU	Ph.D
9	DR. ELILARASI R	Ph.D
10	DR RAMYA K	Ph.D
11	DR.TAMILARASI R	Ph.D
12	DR. SILAMBARASAN I	Ph.D

2021-2022

1	DR.TAMILARASI R	Ph.D
2	DR. MARIYA KULANDAI RAJA BALAN A	Ph.D
3	DR. VASANTHI M	Ph.D
4	DR.V.MURUGAN	Ph.D
5	DR. GIRIJA V	Ph.D



  
Dr. R. PANNEERDHASS, M.E., Ph.D.,  
PRINCIPAL  
A.R. ENGINEERING COLLEGE  
VADAKUCHIPALAYAM,



# A. R. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai)  
Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

6	DR. PANNEERDHASS R	Ph.D
7	DR.R.ANBZHAGAN	Ph.D
8	DR.K.KAMAL BABU	Ph.D
9	DR. ELILARASI R	Ph.D
10	DR. SENTHIL KUMAR D	Ph.D

2020-2021

1	DR.TAMILARASI R	Ph.D
2	DR.ELILARASI.R	Ph.D
3	DR. GIRIJA V	Ph.D
4	DR.R.ANBZHAGAN	Ph.D
5	DR.K.KAMAL BABU	Ph.D
6	DR. MARIYA KULANDAI RAJA BALAN A	Ph.D
7	DR.V.MURUGAN	Ph.D
8	DR. PANNEERDHASS R	Ph.D



Dr.R.PANNEERDHASS, M.E., Ph.D.,  
PRINCIPAL  
A.R.ENGINEERING COLLEGE  
VADAKUCHIPALAYAM,  
KAPPIYAMPULIYUR POST,  
VILLUPURAM-605 601.



# A. R. ENGINEERING COLLEGE

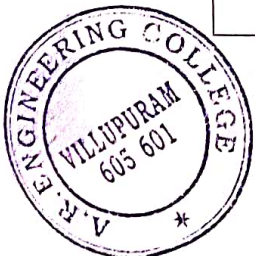
(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai)  
Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

2019-2020

1	DR.ELILARASI.R	Ph.D
2	DR. DEVIKA D	Ph.D
3	DR.V.GIRIJA	Ph.D
4	DR. MARIYA KULANDAI RAJA BALAN A	Ph.D
5	DR.R.ANBZHAGAN	Ph.D
6	DR.K.KAMAL BABU	Ph.D
7	DR. PANNEERDHASS R	Ph.D

2018-2019

1	DR.ELILARASI.R	Ph.D
2	DR.DEVIKA D	Ph.D
3	DR. PANNEERDHASS R	Ph.D
4	DR.R.ANBZHAGAN	Ph.D
5	DR.K.KAMAL BABU	Ph.D
6	DR. MARIYA KULANDAI RAJA BALAN A	Ph.D
7	DR. VENKATA RAMANA K	Ph.D
8	DR. VENKATA RAMANA KTP	Ph.D
9	DR. PALANIAPPAN KEA	Ph.D
10	DR. GAJENDRA KUMAR V	Ph.D



  
Dr.R.PANNEERDHASS, M.E., Ph.D.,  
PRINCIPAL  
A.R.ENGINEERING COLLEGE  
VADAKUCHIPALAYAM,



அண்ணாமலைப் பல்கலைக்கழகம்

ANNAMALAI UNIVERSITY



பொறியியற்புலம்

FACULTY OF ENGINEERING & TECHNOLOGY

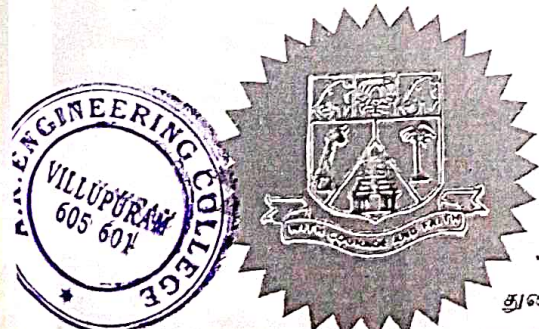
ஜூன் 2018 இல் இயந்திர பொறியியல் பிரிவில்  
நடத்திய தேர்வுகளில் பன்னீர்தாஸ். இரா தேர்ச்சியடைந்து  
ஆய்வேட்டை மதிப்பிட முறையாக அமைக்கப்பெற்ற தேர்வுக்குழுவினர் சான்றளித்தபடி  
ஆய்வியல் அறிஞர் பட்டம் பெறுதற்கு உரியவர் ஆகின்றார்  
என அண்ணாமலைப் பல்கலைக்கழக ஆட்சிக்குழு இதன்வழி அறிவிக்கின்றது

The Syndicate of the Annamalai University hereby makes known  
that PANNEERDHASS.R has been admitted to the  
Degree of DOCTOR OF PHILOSOPHY in MECHANICAL ENGINEERING  
he/she having been certified by duly appointed examiners who valued  
his/her thesis to be qualified to receive the same in JUNE 2018.

TITLE OF THE THESIS

INVESTIGATION AND OPTIMIZATION OF BACKWARD CURVED AERO FOIL RADIAL FAN  
IMPELLER USING FEA AND GENETIC ALGORITHM.

பல்கலைக்கழக முத்திரை பெறுகின்றது  
Given under the seal of the University



Annamalai Nagar - 608002  
Date :- 20/10/2018

துணை தேர்வரணையர் (கல்வி சார்ந்த)  
Dy. Controller of Examinations (Academic)

Dr. R. PANNEERDHASS, M.E., Ph.D.,  
PRINCIPAL

A.R. ENGINEERING COLLEGE  
VADAKUCHIPALAYAM,  
KAPPIYAMPULIYUR POST,  
VILLUPURAM - 605 601.

Dr. N. Panchanatham

பதிவாளர்

Registrar

Dr. S. Manian

துணைவேந்தர்

Vice-Chancellor



# Anna University

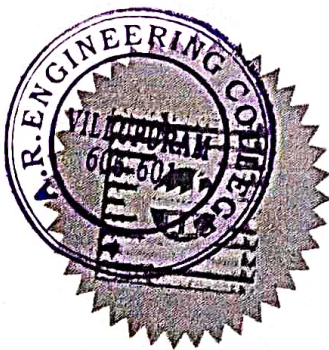


Reg.No. 2010S4012007/RG

The Syndicate of the Anna University hereby makes known that **MURUGAN V** 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:

**A STUDY AND CERTAIN INVESTIGATION FOR PAPR REDUCTION OF OFDM USING RESHAPING TECHNIQUE**



*[Signature]*  
**Dr. R. PANNEERDHASS, M.E., Ph.D.,**  
PRINCIPAL

Given under the Seal of the University  
**ANNA UNIVERSITY ENGINEERING COLLEGE**  
VADAKUCHIPALAYAM,  
KOPPIYAMPULIYUR POST,  
VILLUPURAM-605 601.

Chennai 600 025  
India  
March 2021  
RAM1177

*[Signature]*  
Controller of Examinations

*[Signature]*  
Registrar

*[Signature]*  
Vice-Chancellor



அண்ணாமலைப் பல்கலைக்கழகம்

ANNAMALAI UNIVERSITY



கலையியற்புலம்  
FACULTY OF ARTS

பிப்ரவரி, 2018 இல்

ஆங்கிலம்

பிரிவில் நுத்திய தேர்வுகளில்

கிரிஜா வெ

தேர்ச்சியடைந்து ஆய்வேட்டை மதிப்பிட முறையாக அமைக்கப்பெற்ற தேர்வுக்குழுவினர் சான்றளித்தபடி, ஆய்வியல் அறிஞர் பட்டம் பெறுவதற்கு உரியவர் ஆகின்றார் என அண்ணாமலைப் பல்கலைக்கழக ஆட்சிக் குழு இதன்வழி அறிவிக்கின்றது.

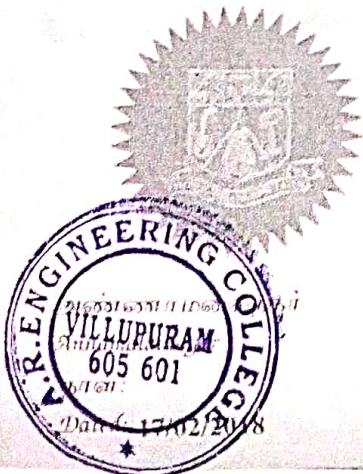
The Syndicate of the ANNAMALAI UNIVERSITY hereby makes known that GIRIJA V has been admitted to the Degree of DOCTOR OF PHILOSOPHY in ENGLISH

he/she having been certified by duly appointed Board of Examiners who valued his/her thesis to be qualified to receive the same in FEBRUARY, 2018

TITLE OF THE THESIS

"JOURNEY MOTIF IN THE SELECT NOVELS OF PATRICK WHITE"

பல்கலைக்கழக முத்திரை பெறுகின்றது  
Given under the seal of the University



Dr. R. PANNEERDASS, M.E., Ph.D.,  
PRINCIPAL

A.R. ENGINEERING COLLEGE  
VADAKUCHIPALAYAM,

KAPPIYAMPULIYUR,  
VILLUPURAM-605 601

Dr. N. Krishnamohan  
பதிவாளர் (பொது) /  
Registrar (i/c)

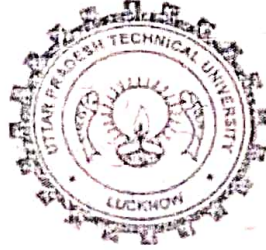
Dr. V. Murugesan  
துணை வேந்தர்  
Vice-Chancellor

उपाधि क्रमांक/Degree Serial No.  
04397

नामांकन संख्या/Enrollment No.  
471371367389

अनुक्रमांक संख्या/Roll No.  
5110674117

उत्तर प्रदेश प्राविधिक विश्वविद्यालय



(पूर्ववर्ती उत्तर प्रदेश प्राविधिक विश्वविद्यालय, लखनऊ)  
विश्वविद्यालय की विद्या परिषद की अनुमति पर  
कमलकन्नन.एस

को डॉक्टर ऑफ फिलॉसफी विद्या में पर्यावरण इंजीनियरिंग की डॉक्टर उपाधि  
प्रथम श्रेणी में

उनके द्वारा इस उपाधि की अर्जित हेतु  
विश्वविद्यालय द्वारा विहित अपेक्षाओं को सफलतापूर्वक पूरा करने पर  
एतद्वारा सन् 2015 में प्रदान की जाती है।

Uttar Pradesh Technical University

(Formely Uttar Pradesh Technical University, Lucknow)

Upon the recommendation of the Academic Council,  
the University hereby confers the degree of

Doctor of Philosophy (Environmental Engineering)

upon

KAMALAKANNAN.S

who has successfully completed the requirements prescribed by the University  
for the award of this degree in

First Division

in the year 2015



भारत  
Lucknow, (U.P.), India

दिनांक/Dated December, 21-2015



Dr. R. PANNEERDHASS, M.E., Ph.D.,  
PRINCIPAL

A.R. ENGINEERING COLLEGE

VADAKUCHIPALAYAM, (कृपा शंकर)  
KAPPIYAMPULIYUR POST, वल्लुपुट्टि

VILLUPURAM-605 601. (Kripa Shanker)  
Vice-Chancellor

Serial No : C24/16/21161

Register No. : PHD 676

# Pondicherry University



The Vice-Chancellor and the Executive Council of the Pondicherry University, on the recommendations of the duly appointed Board of Examiners, hereby declare that

**ELILARASSI, R.**

has been admitted to the Degree of

## DOCTOR OF PHILOSOPHY

having submitted a thesis entitled

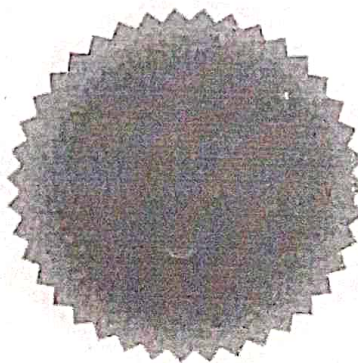
" ELECTRICAL, MAGNETIC AND OPTICAL STUDIES OF TRANSITION METAL (M=Fe, Co, Ni AND Cu )  
DOPED ZnO DILUTED MAGNETIC SEMICONDUCTOR NANOPARTICLES "  
and having successfully completed the prescribed requirements in  
the year AUGUST 2016.

Discipline : PHYSICS.

Given under the Seal of the University



*N. Ramakrishnan*  
Registrar



Puducherry  
Date

12 DEC 2016

*[Signature]*  
Dr. R. PANNEERDHASS, M.E., Ph.D.,  
PRINCIPAL  
A.R. ENGINEERING COLLEGE  
VADAKUCHIPALAYAM,  
KAPPIYAMPULIYUR POST,  
VILLUPURAM-605 601.  
Vice-Chancellor

886915

# TECHNO GLOBAL UNIVERSITY



## {FINAL AWARD}

*This is certified that Mr./Ms. MR.VENUGOPAL.V Enrollment no. J5111000213626 Session:-2011-14 has successfully completed all the requirements as per the university norms for the award of the degree of DOCTOR OF PHILOSOPHY in the field of MECHANICAL ENGINEERING in the faculty of ENGINEERING.*

*The thesis entitled "Analysis In Thermal Modeling And Characterization Of Solid Oxide Fuel Cell Based Biomass Gasification System" has been accepted by the university.*

*The Degree Awarded.*



A.N. BISINUPUR. SHILLONG. MEGHALAYA. INDIA-793003  
(Est'd. 2008 under Section 21 of UGC Act 1956)

DATE:- 04-AUG-2014

Dr. R. PANNEERHASS, M.E., Ph.D.,  
PRINCIPAL

A.R. ENGINEERING COLLEGE  
VADAKUCHIPALAYAM,  
KAPPIYAMPULUR, SHILLONG  
VILLUPURAM-605 601.



# Anna University



Reg.No. 10900831004/RG

The Syndicate of the Anna University hereby makes known that ANBAZHAGAN R 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 2015. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

Title of the Thesis:

**SYNTHESIS AND CHARACTERIZATION OF POLYURETHANE MATRIX HYBRID NANOCOMPOSITES**

Given under the Seal of the University

**Dr. R. PANNEERDHASS, M.E., Ph.D.,**  
PRINCIPAL  
A.R. ENGINEERING COLLEGE  
VADAKUCHIPALAYAM,  
KAPPIYAMPULIYUR POST,  
VILLUPURAM-605 601.



Chennai 600 025  
India  
January 2016

Controller of Examinations

Registrar

Vice-Chancellor



**National Institute of Technology  
Tiruchirappalli**

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

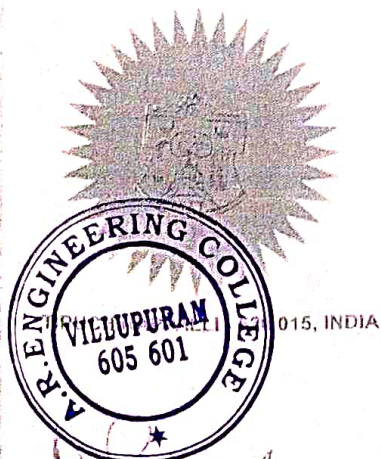
*on*

**KAMAL BABU K**

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

**Experimental Investigations on Mechanical and Metallurgical Properties of  
Friction Stir Welded AA2219 Cryorolled Aluminium Alloy**

*Given this day the twenty-eighth of July, 2018  
Under the seal of the Institute*



*Registrar*



*[Handwritten signature]*

**Dr. R. PANNEERDHASS, M.E., Ph.D.,  
PRINCIPAL**

**A.R. ENGINEERING COLLEGE  
VADAKUCHIPALAYAM,  
KAPPIYAMPULIYUR POST,  
VILLUPURAM-605 601.**

*Chairperson,  
Board of Governors*



Reg. No.:2003119709/RG

*The Syndicate of the Anna University hereby makes known that **PALANIAPPAN KE A** has been admitted to the **DEGREE OF DOCTOR OF PHILOSOPHY** under the Faculty of Civil Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year 2010.*

*Title of the thesis:*

**STUDIES ON INDEX PROPERTIES AND ENGINEERING BEHAVIOUR OF SOLID WASTES-ADMIXED PROBLEMATIC CLAYS**

*Given under the Seal of the University*



*V. Anjan*  
Controller of Examinations

*Srinivasan*  
Registrar

*R. Panneerdhass*  
**Dr. R. PANNEERDHASS, M.E., Ph.D.,**  
PRINCIPAL  
A.R. ENGINEERING COLLEGE  
VADAKUCHIRALAYAM,  
KAPPIYAMPULIYUR POST,  
VILLUPURAM-605 601.



# Anna University



Reg.No. 17243991101/RG

The Syndicate of the Anna University hereby makes known that **JEGA JOTHI B** has been admitted to the **DEGREE OF DOCTOR OF PHILOSOPHY** under the Faculty of Electrical 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:

**AN EFFICIENT MAXIMUM POWER POINT TRACKING IN SOLAR PV SYSTEMS USING EMBEDDED CONTROLLER**

Given under the Seal of the University



Chennai - 600 025

India

July 2022

54291314E

*P. Subbimal*  
Controller of Examinations

*[Signature]*  
Dr. R. PANNEERDHASS, M.E., Ph.D.,  
PRINCIPAL

A.R. ENGINEERING COLLEGE  
VADAKUCHIPALAYAM  
KAPPAMPULIYUR POST,  
VILLUPURAM-605 601

Registrar

*[Signature]*  
Vice-Chancellor

அண்ணாமலைப்



பல்கலைக்கழகம்

ANNAMALAI

UNIVERSITY



இந்திய மொழிப்பலம்  
FACULTY OF INDIAN LANGUAGES

மார்ச், 2010 இல்

தமிழ்

தேர்வில் நடத்திய தேர்வுகளில்

தமிழரசி ர

தேர்ச்சியடைந்து அய்யர்மேட்டை மதிப்பிட முறையாக அமைக்கப்பெற்ற தேர்வுக்குழுவின் சான்றளித்தபடி,

ஆய்வியல் அறிஞர்

பட்டம் பெறுவதற்கு உரியவர் ஆகின்றார்

என அண்ணாமலைப் பல்கலைக்கழக ஆளவை இதன்வழி அறிவிக்கின்றது.

The Senate of the ANNAMALAI UNIVERSITY hereby makes known that TAMILARASI R has been admitted to the Degree of DOCTOR OF PHILOSOPHY in TAMIL, he/she having been certified by duly appointed Board of Examiners who valued his/her thesis to be qualified to receive the same in MARCH, 2010.

TITLE OF THE THESIS

தொல்காப்பியப் புறத்திணையியலும் புறநானூறும் - ஒப்பாய்வு

பல்கலைக்கழக முத்திரை பெறுகின்றது

Given under the seal of the University



அண்ணாமலைநகர்  
Annamalainagar

தேதி:

Dated: 06/10/2010

Dr. M. Rathinasabapathi

பதிவாளர்

Registrar

Dr. R. PANNEERDHASS, M.E., Ph.D.,  
PRINCIPAL

A.R. ENGINEERING COLLEGE  
VADAKUCHIPALAYAM,  
KAPPIYAMPULIYUR POST,  
VILLUPURAM-605 601

Dr. M. Ramanathan

தலைமை வேந்தர்

Vice-Chancellor



அண்ணாமலைப் பல்கலைக்கழகம்

ANNAMALAI UNIVERSITY

அறிவியற்புலம்  
FACULTY OF SCIENCE



ROLL NO. 1416060012

டிசம்பர், 2022 இல்

இயற்பியல்

பிரிவில் நடத்திய தேர்வுகளில்

ரம்யா கா

தேர்ச்சியை ந்து ஆய்வேட்டை மதிப்பிட்டு முறையாக அமைக்கப்பெற்ற தேர்வுக்குழுவின் சான்றளித்தபடி, ஆய்வியல் அறிஞர் மட்டம் பெறுவதற்கு உரியவர் ஆகின்றார் என அண்ணாமலைப் பல்கலைக்கழக ஆட்சிக் குழு இதன்வழி அறிவிக்கின்றது.

The Syndicate of the ANNAMALAI UNIVERSITY hereby makes known that **RAMYA K** has been admitted to the Degree of **DOCTOR OF PHILOSOPHY in PHYSICS** he/she having been certified by duly appointed Board of Examiners who valued his/her thesis to be qualified to receive the same in **DECEMBER, 2022.**

TITLE OF THE THESIS

"GREEN SYNTHESIS AND CHARACTERIZATION OF SILVER THIN FILMS USING SPRAY PYROLYSIS AND ITS APPLICATIONS IN ANTIBACTERIAL ACTIVITY AND DYE SENSITIZED SOLAR CELLS"

பல்கலைக்கழக முத்திரை பெறுகின்றது

Given under the seal of the University



அண்ணாமலைப் பல்கலைக்கழகம்  
Annamalai University

திகதி:  
Dated: 04/10/2023

Dr. R. Singaravel  
பல்கலைக்கழகப் பேரவைத் தலைவர்  
Registrar (U/C)

Dr. R. PANNEERDHASS, M.E., Ph.D.,  
PRINCIPAL  
A.R. ENGINEERING COLLEGE  
VADAKUCHIPALAYAM,  
KAPPIYAMPULIYUR POST,  
VILLUPURAM-605 601.

Dr. R.M. Kathiresan  
அண்ணாமலைப் பல்கலைக்கழகம்  
Vice-Chancellor



**பாரதிதாசன் பல்கலைக்கழகம்**  
**BHARATHIDASAN UNIVERSITY**

அறிவியல் பரம்பல்  
**FACULTY OF SCIENCE**

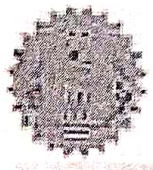
பாரதிதாசன் பல்கலைக்கழக அறிவியல் பரம்பல் 2015

இது குறித்து அ. மாதா குலாண்டி ராஜா பாலன்  
 இயற்றியுள்ள பட்டிப்படிப்பு முனைவர் பட்டம்  
 பற்றி கீழ்க்கண்ட விவரம் கீழ்க்கண்ட விவரம் கீழ்க்கண்ட  
 விவரம் கீழ்க்கண்ட விவரம் கீழ்க்கண்ட விவரம் கீழ்க்கண்ட  
 விவரம் கீழ்க்கண்ட விவரம் கீழ்க்கண்ட விவரம் கீழ்க்கண்ட

The Council of the BHARATHIDASAN UNIVERSITY hereby certifies  
 that the A. MATHA KULANDI RAJA BALAN has been awarded  
 the Degree of DOCTOR OF PHILOSOPHY in the subject  
**CHEMISTRY** having been satisfied by the  
 External Examiners in the papers in which he was in  
**DECEMBER 2015.**

செய்துள்ள பட்டிப்படிப்பு முனைவர் பட்டம்  
 பற்றி கீழ்க்கண்ட விவரம் கீழ்க்கண்ட விவரம் கீழ்க்கண்ட

செய்துள்ள பட்டிப்படிப்பு முனைவர் பட்டம்



*[Signature]*  
 Director

*[Signature]*  
 Registrar



*[Signature]*  
**Dr. R. PANNEERDHASS, M.E., Ph.D.,**  
**PRINCIPAL**  
**A.R. ENGINEERING COLLEGE**  
**VADAKUCHIPALAYAM,**  
**KAPPIYAMPULIYUR POST,**  
**VILLUPURAM-605 601.**



# മനോജാനിയാ മിന്നമ്മാർ യൂണിവേഴ്സിറ്റി Manonjaniya Sundaram University



വിദ്യാലയം  
FACULTY OF SCIENCE



മനോജാനിയാ മിന്നമ്മാർ യൂണിവേഴ്സിറ്റി  
ശ്രീമതി സി. സി. സി.  
വിദ്യാലയം

ശ്രീമതി സി. സി. സി. യൂണിവേഴ്സിറ്റിയിൽ  
ശ്രീമതി സി. സി. സി. യൂണിവേഴ്സിറ്റിയിൽ  
ശ്രീമതി സി. സി. സി. യൂണിവേഴ്സിറ്റിയിൽ

ശ്രീമതി സി. സി. സി. യൂണിവേഴ്സിറ്റിയിൽ

The Senate of the MANONJANIYA SUNDRAMAR UNIVERSITY  
hereby makes known that **MINI KUMAR D**  
has been admitted to the Degree of Doctor of Philosophy in  
**PHILOSOPHY**

and she having been entitled by duly appointed Examiners to  
be entitled to receive the same in the year **OCTOBER 2017**

Given under the seal of the University.



Manonjaniya Sundaram University  
Villupuram - 605 601

*[Signature]*  
Vice-Chancellor

*[Signature]*  
Dean

*[Signature]*  
Registrar

Witnessed by the Registrar



*[Signature]*  
**Dr. R. PANNEERDHASS, M.E., Ph.D.,**  
PRINCIPAL  
A.R. ENGINEERING COLLEGE  
VADAKUCHIPALAYAM,  
KAPPIYAMPULIYUR POST,  
VILLUPURAM-605 601,



# Annamalai University



சென்னை - 600 082

## PROVISIONAL CERTIFICATE - Ph.D

This is to certify that **SELAMBARATHAN**  
has submitted himself for the award of the Degree of Doctor of Philosophy in  
**M. MATHEMATICS**  
on **00/04/2021** and finally successfully passed by duly appointed examination and approved  
by the Syndicate of the University.

### TITLE OF THE THESIS

**"AN ANALYTICAL STUDY OF THE SPECIAL TYPE OF OPERATIONS ON GENERALIZED  
FUZZY MATRICES"**

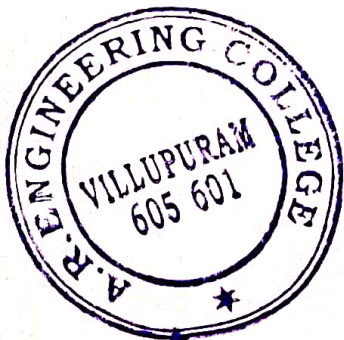
The award of the Degree is in accordance with the provisions of the UGC Regulations, 2000.

சென்னை - 600 082

28/04/2021



சென்னை - 600 082  
University of Annamalai



**PANNEERDHASS, M.E., Ph.D.,**  
PRINCIPAL  
A.R. ENGINEERING COLLEGE  
VADAKUCHIPALAYAM,  
KAPPIYAMPULIYUR POST,  
VILLUPURAM-605 601.

# ANNA UNIVERSITY CHENNAI - 600 025

## PROVISIONAL CERTIFICATE

Folio No.: SAR017053

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 : VASANTHI M  
Registration Number : 2011178070  
Degree : Ph.D.  
Department/Centre/Subject : CHEMISTRY  
Faculty : SCIENCE AND HUMANITIES  
Date, Month & Year of Viva-Voce Examination held : 29.09.2021  
Title of the Thesis : AN EFFICIENT PALLADIUM-ACID AND AMINE FUNCTIONALIZED IMIDAZOLIUM SUPPORTED IONIC LIQUIDS FOR CATALYTIC APPLICATION OF C-C AND C-O COUPLING REACTIONS



Chennai - 600 025

Date: 22-OCT-2021

A handwritten signature in green ink, appearing to be "K. Anand".

Controller of Examinations



ANNA ENGINEERING COLLEGE  
KADAKKUCHIPALAYAM,  
KAPPITAMPULIYUR POST,  
VILLUPURAM-605 604




# A. R. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi & Affiliated to Anna university, Chennai)  
Vadakuchipalayam, Kappiyampuliyur post, Villupuram-605601, Tamilnadu.

9. List of Faculty having Ph.D./D.Sc./D.litt./L.L.D along with particular of the degree awarding university, subject and the year of award per academic year.

NAME	DEPARTMENT	UNIVERSITY	SUBJECT	YEAR
DR.V.MURUGAN	S&H-English	ANNA UNIVERSITY	English	2020
DR. GIRIJA V	Electrical and Electronics Engineering	ANNAMALAI UNIVERSITY	Electrical and Electronics Engineering	2018
DR.JAGA JOTHI B	Mechanical Engineering	ANNA UNIVERSITY	Mechanical Engineering	2022
DR. PANNEERDHASS R	Mechanical Engineering	ANNAMALAI UNIVERSITY	Mechanical Engineering	2018
DR.R.ANBAZHAGAN	Mechanical Engineering	ANNA UNIVERSITY	Mechanical Engineering	2015
DR.K.KAMAL BABU	S&H-Physics	NATIONAL INSTITUTE OF TECHNOLOGY TIRUCHIRAPPALLI	Physics	2018
DR. ELILARASI R	S&H-Physics	PONDICHERRY UNIVERSITY	Physics	2016
DR RAMYA K	General Engineering (TAMIL)	ANNAMALAI UNIVERSITY	General Engineering (TAMIL)	2022
DR.TAMILARASI R	S&H-Mathematics	ANNAMALAI UNIVERSITY	Mathematics	2010
DR.PALANIAPPAN KE A	Civil Engineering	ANNA UNIVERSITY	Civil Engineering	2010



  
Dr. R. PANNEERDHASS, M.E., Ph.D.,  
PRINCIPAL  
A.R. ENGINEERING COLLEGE  
VADAKUCHIPALAYAM,  
KAPPIYAMPULIYUR POST,  
VILLUPURAM-605 601.