



# NANDHA ENGINEERING COLLEGE

(AUTONOMOUS)

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

ERODE – 638 052 TAMILNADU

Email : [principal@nandhaengg.org](mailto:principal@nandhaengg.org) Mobile : 73737 12234

## Criterion 3 – Research, Innovations and Extension

3.2

Resource Mobilization for Research

### 3.2.3 Details of teachers recognized as research guides

**E-Copies of  
Supervisor Reorganization Letters**

# Anna University



Reg.No.11230331046/RG

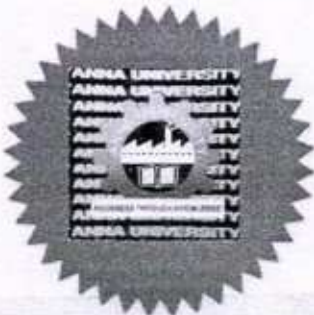


The Syndicate of the Anna University hereby makes known that **MURTHI M K** has been admitted to the **DEGREE OF DOCTOR OF PHILOSOPHY** under the **Faculty of Mechanical Engineering**, having been certified by the duly appointed examiners to be qualified to receive the same in the year **2019**. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".


*Title of the Thesis:*

**EXPERIMENTAL STUDIES ON PERFORMANCE, EMISSION AND COMBUSTION CHARACTERISTICS OF BIODIESEL WITH ADDITIVES IN A VCR DIESEL ENGINE**

*Given under the seal of the University*



Chennai 600025  
India  
December 2019  
GAB/2019

  
Controller of Examinations  
MURTHI M K

  
Registrar

  
Vice-Chancellor





S.No.: DPY 002182

# TAMIL NADU AGRICULTURAL UNIVERSITY

Coimbatore - 641 003, Tamil Nadu, INDIA.

Ref. No. E.2. / Edn. PG. PC. / 2022

Dated : 22-09-2022

## PROVISIONAL DEGREE CERTIFICATE

Certified that Thiru / Selvi Komalabharathi.P

I.D.No 2018804202 has successfully completed the prescribed courses

and credit requirements for the award of the Degree of **Doctor of Philosophy**

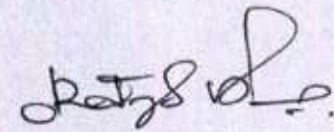
~~XX~~ Renewable Energy Engineering of this University during

2022 with an Overall Grade Point Average of 8.54 out of **10.00**

(85.40 % Marks).

Result Declared on : 21-09-2022





REGISTRAR





S.No.: DPY 002079

# TAMIL NADU AGRICULTURAL UNIVERSITY

Coimbatore - 641 003, Tamil Nadu, INDIA.

Ref. No. E.2. / Edn. PG. PC. / 2022

Dated : 02-06-2022

## PROVISIONAL DEGREE CERTIFICATE

Certified that Thiru / Selvi Suvain K K

I.D.No 2018810207 has successfully completed the prescribed courses  
and credit requirements for the award of the Degree of **Doctor of Philosophy**

~~xx~~ Agronomy of this University during  
2022 with an Overall Grade Point Average of 8.74 out of **10.00**

(87.40 % Marks).

Result Declared on : 31-05-2022



  
REGISTRAR





Dr. C.UMARANI  
DIRECTOR

CENTRE FOR RESEARCH  
ANNA UNIVERSITY  
CHENNAI - 600 025



Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1219  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Date : 25.04.2023

Lr. No: SUPR/AR2

To

Dr. Jayakumar T

Assistant Professor  
Department of Electrical and Electronics Engineering  
Nandha Engineering College  
Perundurai, Erode-638052

Sir/Madam,

Sub : Ph.D.Programme - Supervisor Recognition - **Approved** - Orders - Issued.  
Ref : Your application for Supervisor Recognition.

\*\*\*\*\*

I am by direction to inform that you are recognized as a Supervisor ( Ref.No: 4130036 ) for guiding Ph.D. scholars of this University under the faculty of Electrical Engineering.

Area of Specialization: "Power Quality Improvement, Renewable Energy Systems, Power Electronics, Soft Computing Techniques"

The functions and responsibilities of the supervisor are described under clause (7) of the Ph.D.regulations of this University and applicable as and when amendments are made to the Regulations from time to time.

*It is to be noted that, "Supervisors working in the recognized R&D Centre of Industries/non-recognized research Departments of Engineering College/Architecture Schools situated within Tamil Nadu shall function only as Joint Supervisor".*

I request you to adhere strictly the Ph.D. regulations (available in <https://cfr.annauniv.edu/research/instructions.php> ) when you start guiding the scholars.

Further for any correspondence in future quote 4130036 for reference.

*[Signature]*  
DIRECTOR

Copy to:

The Head  
Department of Electrical and Electronics Engineering  
Nandha Engineering College  
Perundurai, Erode-638052

*[Signature]*  
9/2/23

*[Signature]*  
25/4/23

# Anna University



Reg.No: 2011170101RG

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

Title of the Thesis:

**SYNTHESIS AND CHARACTERIZATION OF NOVEL CONDUCTING CO-POLYMERS**

Given under the Seal of the University



Chennai 600 025  
India  
January 2016

  
Controller of Examinations

  
Registrar

  
Vice-Chancellor





ANNA UNIVERSITY  
CHENNAI - 600 025



Dr. R. JAYAVEL  
DIRECTOR

Telephone: +91-44-2235 7365/2235 9361  
Fax: +91-44-2235 1213  
Email: dirresearch@annauniv.edu  
dirresearch@gmail.com



Date: 16/09/2015

Lr. No: SUPR/26<sup>th</sup>/DB

To  
**Dr. Murugesan A**

Associate Professor  
Department of Polymer Technology  
Kamaraj College of Engineering & Technology,  
Virudhunagar - 626001

Sir/Madam,

Sub: Ph.D./M.S. (By Research) Programme - Supervisor Recognition - Orders - Issued  
Ref: Your application for Supervisor Recognition.

\*\*\*\*\*

I am by direction to inform that you are recognized as a Supervisor ( Ref No: 2650009 ) for guiding Ph.D. and M.S. (By Research) scholars of this University under the faculty of Technology

Area of Specialization: "Polymer Technology, Fibre Reinforced Rubber Composites, Conducting Polymers"

The functions and responsibilities of the supervisor are described under clause (7) of the Ph.D./M.S. (By Research) regulations of this University and applicable as and when amendments are made to the Regulations from time to time.

*Supervisors working in the recognized R&D Centre of Industries/non-recognized research Departments of Engineering College/Architecture Schools situated within Tamil Nadu shall function only as Joint Supervisor.*

I request you to adhere strictly the regulations (available in <https://cf.annauniv.edu/research/instructions.php>) when you start guiding scholars

In all future correspondence quote 2650009 for reference

*R. Jayavel*  
16/9/15  
DIRECTOR

Copy to: Head of the Department / Institution



CENTRE FOR RESEARCH  
ANNA UNIVERSITY  
CHENNAI - 600 025



Dr. C.UMARANI  
DIRECTOR

Telephone : +91-44-2235 7300/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Date : 08.06.2023

Lr. No: SUPR/AR2

To

Dr. Mohanraj E K

Professor  
Department of Civil Engineering  
Nandha Engineering College  
Erode-638052

Sir/Madam,

Sub : Ph.D.Programme - Supervisor Recognition - **Approved** - Orders - Issued.  
Ref : Your application for Supervisor Recognition.

\*\*\*\*\*

I am by direction to inform that you are recognized as a Supervisor ( Ref.No: 4110046 ) for guiding Ph.D. scholars of this University under the faculty of Civil Engineering.

Area of Specialization: "**Structural Engineering, Concrete Technology, Composite Structures, CFST Sections**"

The functions and responsibilities of the supervisor are described under clause (7) of the Ph.D.regulations of this University and applicable as and when amendments are made to the Regulations from time to time.

*It is to be noted that, "Supervisors working in the recognized R&D Centre of Industries/non-recognized research Departments of Engineering College/Architecture Schools situated within Tamil Nadu shall function only as Joint Supervisor".*

I request you to adhere strictly the Ph.D. regulations (available in <https://cfr.annauniv.edu/research/instructions.php> ) when you start guiding the scholars.

Further for any correspondence in future quote **4110046** for reference.

DIRECTOR  
8/6/23

Copy to:

The Head  
Department of Civil Engineering  
Nandha Engineering College  
Erode-638052

8/6/23



# Anna University

Reg. No. 71130631021/RG



The Syndicate of the Anna University hereby makes known that **KARUPPUSAMY S** 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:*

**SOFTWARE FAULT PREDICTION USING ERROR PROBABILITIES AND MACHINE LEARNING APPROACHES**



*Given under the Seal of the University*

Chennai 600 025  
India  
March 2021  
BAM/10/21

  
Controller of Examinations

  
Registrar

  
Vice-Chancellor



# Anna University



Reg. No. 11260631034/RG

The Syndicate of the Anna University hereby makes known that **MAHALINGAM S K** has been admitted to the **DEGREE OF DOCTOR OF PHILOSOPHY** under the Faculty of Information and Communication Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year 2016. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

Title of the Thesis:

**AN EFFECTIVE HINT BASED DATA INTENSIVE AUTO SCALE EXECUTION OF WORKLOADS IN CLOUD**

Given under the Seal of the University



Chennai 600 025  
India  
May 2017

  
Controller of Examinations  
MAHALINGAM S K

  
Registrar

  
Chairman, Convener Committee  
Vice-Chancellor





Reg No. 7073962221 RG

The Syndicate of the Anna University hereby makes known that **PRABHADEVI S** 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 **2014**. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".


Title of the Thesis:

**SECURE DATA COMMUNICATION IN VEHICULAR AD HOC NETWORKS**

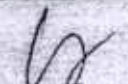


Given under the Seal of the University

Chennai 600 025  
India  
November 2014

  
Controller of Examinations

  
Registrar

  
Vice-Chancellor



# Anna University



Reg.No.11130632032/RG



The Syndicate of the Anna University hereby makes known that **VANATHI D** 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 2018. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

Title of the Thesis:

**INVESTIGATION OF PRIVACY PRESERVING DATA PUBLICATION USING ATTRIBUTE BASED CLUSTERING AND ENCRYPTION TECHNIQUES**

Given under the seal of the University



Chennai 600025  
India  
December 2018  
PABR018

*[Signature]*  
Controller of Examinations  
VANATHI D

*[Signature]*  
Registrar

*[Signature]*  
Vice-Chancellor



# Anna University



## Faculty of Engineering

The Syndicate of the Anna University hereby  
make known that

**ARUMUGAM, S.**

has been admitted to the Degree of Doctor of Philosophy  
he having been certified by duly appointed Examiners to be qualified  
to receive the same in the year 1990.

Title of the thesis — STUDY OF PROGRAM TERMINATION USING Z  
TRANSFORMATION TECHNIQUES.



Engineering Buildings.

Principal  
Nandha Engineering College  
(Autonomous)  
Erode - 638 052

Given under the Seal of the University



S. A. C.  
12/03/16

S. A. C.



# Anna University

Chennai - 600 025.

Prof. PONNAMMAL NATARAJAN, Ph.D.,  
Dean (Academic Research)

Phone : 2351126 (Off)  
826654(Res)  
Grams : ANNATECH  
Fax : 91-44-2350397  
E-mail : ponnamma@annauniv.edu  
Date : .....

Gr.No. 831/57<sup>th</sup> Ph.D./SUP/2002

Dated: 2-4.2002.

To

VDr. S.Arumugam,

Principal,  
Electrical & Electronics Engineering,  
College of Technology,  
Coimbatore - 641 013.

Sir,

Sub: Ph.D. Programme - Recognition of Supervision  
- Orders - Issued.

Ref: Res.No. 57.1 of the 57<sup>th</sup> Ph.D.Board Meeting  
held on 1.3.2002.

-:0:-

I am happy to inform that you are recognised as a Supervisor for guiding Ph.D. Research Scholars of this University with effect from 1.3.2002 under the faculty of Electrical Engineering.

Separate permission has to be obtained for supervising research scholar who does not belong to institution in which you are currently employed.

The functions and responsibilities shall be as described in the Ph.D. regulations, a copy is enclosed.

Yours faithfully,

Ponnammal Natarajan  
DEAN (ACADEMIC RESEARCH) / 2/4

Encl.: Ph.D.Regulations.

Copy to: 1.The Principal  
College of Technology,  
Coimbatore.  
2.Stock File.

38/42  
2/4





Reg No. 4083062164/RG

The Syndicate of the Anna University hereby makes known that **SIVARAJ R** 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 **2013**.


*Title of the Thesis:*

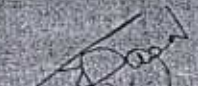
**NOVEL TECHNIQUES FOR ENHANCING PERFORMANCE OF GENETIC ALGORITHMS**


*Given under the Seal of the University*



Chennai 600 025  
India  
November 2013

  
Controller of Examinations

  
Registrar

  
Vice-Chancellor



Dr. R. JAYAVEL  
DIRECTOR

CENTRE FOR RESEARCH  
ANNA UNIVERSITY  
CHENNAI - 600 025



Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Date : 02.02.2018

Lr. No SUPR/27<sup>th</sup>/DB

To  
Dr. Sivaraj R

Associate Professor  
Department of Computer Science and Engineering  
Velalar College of Engineering and Technology,  
Thindal, Erode-638012

Sir/Madam,

Sub : Ph.D./M.S. (By Research) Programme - Supervisor Recognition - Orders - Issued.  
Ref : Your application for Supervisor Recognition.

\*\*\*\*\*

I am by direction to inform that you are recognized as a Supervisor ( Ref.No: 3140019 ) for guiding Ph.D and M.S. (By Research) scholars of this University under the faculty of Information and Communication Engineering.

Area of Specialization: "Data Mining, Artificial Intelligence, Soft Computing"

The functions and responsibilities of the supervisor are described under clause (7) of the Ph.D./M.S. (By Research) regulations of this University and applicable as and when amendments are made to the Regulations from time to time.

*Supervisors working in the recognized R&D Centre of Industries/non-recognized research Departments of Engineering College/Architecture Schools situated within Tamil Nadu shall function only as Joint Supervisor.*

I request you to adhere strictly the regulations (available in <http://ctr.annauniv.edu/research/instructions.php>) when you start guiding scholars.

In all future correspondence quote 3140019 for reference.

R. Jayavel  
02/02/18  
DIRECTOR

Copy to:

The Head  
Department of Computer Science and Engineering  
Velalar College of Engineering and Technology,  
Thindal, Erode-638012





**ANNA UNIVERSITY**  
**CHENNAI - 600 025**  
**PROVISIONAL CERTIFICATE**



Folio No.: UAR014088

This is to certify that the candidate has qualified for the award of *Degree of Doctor of Philosophy* in compliance of the UGC Regulations 2016 as detailed below :

Name : SURESHKUMAR T

Registration Number : 18144697223

Degree : Ph.D.

Department / Centre / Subject : COMPUTER SCIENCE AND ENGINEERING

Faculty : INFORMATION AND COMMUNICATION ENGINEERING

Date, Month & Year of Viva-Voce Examination held : 01.12.2023

Title of the Thesis : A NOVEL KEY GENERATION AND AUTHENTICATION METHOD FOR A BLOCKCHAIN BASED SECURITY FRAMEWORK IN THE INTERNET OF THINGS



*P. Sathivel*  
Controller of Examinations

Chennai - 600 025  
Date: 23-DEC-2023



CENTRE FOR RESEARCH  
ANNA UNIVERSITY  
CHENNAI - 600 025



Dr. K.P. JAYA  
DIRECTOR

Telephone +91-44-2235 7366/2235 636  
Fax +91-44-2220 1213  
Email [dirres@annauniv.edu](mailto:dirres@annauniv.edu)  
[dirres@annauniv@gmail.com](mailto:dirres@annauniv@gmail.com)



Lr.No.18144697223/Ph.D./AR15

Date : 08.08.2019

Sub : Ph.D. Programme –Mr./Ms.T Sureshkumar, Research Scholar – Confirmation - Orders - Issued.

- Ref : 1. This Office.Lr.No.CR/Ph.D./Admn/JUL/2018 Dtd: 13.06.2018.  
2. Letter Dtd: 24.07.2019 from Dr.M.Vijayakumar, Professor, Department of Computer Science & Engineering, Nandha College of Technology, PerunduraiErode 638060

\*\*\*\*

The Provisional registration granted to **Mr/Ms.T Sureshkumar** to pursue Ph.D. Programme in this University vide ref. 1<sup>st</sup> cited is confirmed. The research scholar is permitted to proceed further with the research work as recommended by the Doctoral Committee constituted for the Research Scholar under the **Faculty of Information and Communication Engineering**.

DIRECTOR

To  
Dr.M Vijayakumar  
Professor  
Department of Computer Science & Engineering  
Nandha College of Technology Perundurai  
Erode 638060

*[Handwritten signature and date]*  
29/8/19

Copy to :

The Head/Director  
Department of Computer Science & Engineering  
Nandha College of Technology Perundurai  
Erode 638060

Mr./Ms.T Sureshkumar, Research Scholar through the Supervisor Dr.M Vijayakumar





CENTRE FOR RESEARCH  
ANNA UNIVERSITY  
CHENNAI - 600 025



Dr. K.P. JAYA  
DIRECTOR

Telephone: +91-44-2235 7366/2235 0361  
Fax: +91-44-2220 1213  
Email: dirresearch@annauniv.edu  
dirresearch@gmail.com



Lr.No.18144697223/Ph.D./AR15

Date: 10.01.2021

Sub : Ph.D. Programme – **Mr.T.Sureshkumar Research Scholar** – Change of Supervisor -  
Orders - Issued.

Ref : 1.This Office Proceedings of even number Dtd: 13.06.2018.  
2.Letter Dtd: 11.01.2021 - from Dr. M. Vijayakumar, Professor, Department of CSE, Jai  
Shriram Engineering College, Tirupur - 638660

\*\*\*\*

Under the circumstances stated in the reference 2<sup>nd</sup> cited, **Dr.R.Sivaraj**, Professor, Department of  
Computer Science & Engineering, Nandha Engineering College, Perundurai Erode - 638052 has been  
nominated as Supervisor in the place of Dr. M.Vijayakumar in respect of the Research Scholar  
Mr.T.Sureshkumar.

Clause 8.9 of Ph.D. Regulation reads

"If change of Supervisor is approved, the scholar has to work for a minimum of one year with the  
new Supervisor and **Synopsis shall be accepted only when the scholar has published atleast one  
journal publication (as applicable) with new Supervisor.**"

To  
Dr.R.Sivaraj  
Professor  
Department of Computer Science & Engineering  
Nandha Engineering College Perundurai  
Erode - 638052

*T. Jaya*  
DIRECTOR  
10/1/2021

*[Signature]*  
20/1/2021  
*[Signature]*  
11/1/21

Copy to :

- 1.The Head / Director, Department of Computer Science & Engineering, Nandha Engineering  
College, Perundurai, Erode - 638052
- 2.Dr. M.Vijayakumar, Professor, Department of Computer Science and Engineering Jai Shriram  
Engineering College Tiruppur-638660 (for information)
- 3.Mr.T Sureshkumar, Research scholar through the Supervisor Dr.R Sivaraj.





CENTRE FOR RESEARCH  
ANNA UNIVERSITY  
CHENNAI - 600 025



Dr. K.P. JAYA  
DIRECTOR

Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Date : 16.04.2021

Lr.No.19244697145/Ph.D./AR15

Sub : Ph.D. Programme –Mr./Ms.S S Saranya, Research Scholar – Confirmation - Orders - Issued.

- Ref : 1. This Office.Lr.No.CR/Ph.D./Admn/JUL/2019 Dtd: 13.07.2019.  
2. Letter Dtd: 15.04.2021 from Dr.R.Sivaraj, Professor, Department of Computer Science & Engineering, Nandha Engineering College,Erode 638052

\*\*\*\*

The Provisional registration granted to **Mr./Ms.S S Saranya** to pursue Ph.D. Programme in this University vide ref. 1<sup>st</sup> cited is confirmed. The research scholar is permitted to proceed further with the research work as recommended by the Doctoral Committee constituted for the Research Scholar under the **Faculty of Information and Communication Engineering**.

*L. d. m. j.*  
DIRECTOR 16/4/2021

To  
Dr.R Sivaraj  
Professor  
Department of Computer Science & Engineering  
Nandha Engineering College  
Erode 638052

Copy to :

The Head/Director  
Department of Computer Science & Engineering  
Nandha Engineering College  
Erode 638052

Dr.M.Vijayakumar Professor  
Department of Computer Science and Engineering  
Jai Shriram Engineering College  
Tiruppur - 638660.

Mr./Ms.S S Saranya, Research Scholar through the Supervisor Dr.R Sivaraj

*S. S. Saranya*  
16/04/2021  
*[Signature]*  
16/4/21





CENTRE FOR RESEARCH  
ANNA UNIVERSITY  
CHENNAI - 600 025



Dr. K.P. JAYA  
DIRECTOR

Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Lr.No.19144697224/Ph.D./AR15

Date : 16.04.2021

Sub : Ph.D. Programme –Mr./Ms.A P Gopu, Research Scholar – Confirmation - Orders - Issued.

Ref : 1. This Office.Lr.No.CR/Ph.D./Admn/JUL/2019 Dtd: 18.07.2019.

2. Letter Dtd: 15.04.2021 from Dr.R.Sivaraj, Professor, Department of Computer Science & Engineering, Nandha Engineering College,Erode 638052

The Provisional registration granted to **Mr/Ms.A P Gopu** to pursue Ph.D. Programme in this University vide ref. 1<sup>st</sup> cited is confirmed. The research scholar is permitted to proceed further with the research work as recommended by the Doctoral Committee constituted for the Research Scholar under the **Faculty of Information and Communication Engineering**.

  
DIRECTOR 16/4/2021

To  
Dr.R Sivaraj  
Professor  
Department of Computer Science & Engineering  
Nandha Engineering College  
Erode 638052

  
16/4/2021  
  
16/4/2021

Copy to :

The Head/Director  
Department of Computer Science & Engineering  
Nandha Engineering College  
Erode 638052

Dr.M.Vijayakumar Professor  
Department of Computer Science and Engineering  
Jai Shriram Engineering College  
Tiruppur - 638660.

Mr./Ms.A P Gopu, Research Scholar through the Supervisor Dr.R Sivaraj



Dr. K.P. JAYA  
DIRECTOR

CENTRE FOR RESEARCH  
ANNA UNIVERSITY  
CHENNAI - 600 025



Telephone : +91-44-2235 7306/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Lr.No.19144697157/Ph.D./AR15

Date : 09.01.2021

Sub : Ph.D. Programme - **Mr.C.Santhosh Research Scholar** - Change of Supervisor - Orders - Issued.

Ref : 1.This Office Proceedings of even number Dtd: 25.07.2019.

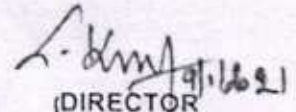
2.Letter Dtd: 08.01.2021 - from Dr. M. Vijayakumar, Professor, Department of CSE, Jai Shriram Engineering College, Tirupur - 638660

....


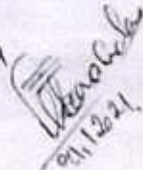
Under the circumstances stated in the reference 2<sup>nd</sup> cited, Dr.R.Sivaraj, Professor, Department of Computer Science & Engineering, Nandha Engineering College, Erode - 638052 has been nominated as Supervisor in the place of Dr. M.Vijayakumar in respect of the Research Scholar Mr.C.Santhosh.

Clause 8.9 of Ph.D. Regulation reads

"If change of Supervisor is approved, the scholar has to work for a minimum of one year with the new Supervisor and **Synopsis shall be accepted only when the scholar has published atleast one journal publication (as applicable) with new Supervisor.**"

  
DIRECTOR

To  
Dr.R.Sivaraj  
Professor  
Department of Computer Science & Engineering  
Nandha Engineering College  
Erode - 638052

  
9/1/2021  
  
9/1/2021

Copy to :

- 1.The Head / Director, Department of Computer Science & Engineering, Nandha Engineering College, Erode - 638052
- 2.Dr. M.Vijayakumar, Professor/Head of the Department, Department of Computer Science & Engineering Jai Shriram Engineering College Tirupur Tiruppur-638660 (for information)
- 3.Mr.C Santhosh, Research scholar through the Supervisor Dr.R Sivaraj.





**CENTRE FOR RESEARCH**  
ANNA UNIVERSITY  
CHENNAI - 600 025



**Dr. K.P. JAYA**  
DIRECTOR

Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Date : 15.02.2021

Lr.No.CFR/Ph.D./Admn/JAN/2021

To  
Dr.R.Sivaraj  
Professor  
Department of Computer Science and Engineering  
Nandha Engineering College  
Erode - 638 052

Sub : Ph.D. Programme - Provisional Registration - Order - Issued.

Ref : Res. No. 36.09 of the 36<sup>th</sup> Research Board Meeting held on 03.11.2020

I am to inform that **Mr.Thiruvenkatasamy S** is permitted to register provisionally for Ph.D. programme as **Part-Time** scholar in the Faculty of **Information and Communication Engineering** of Anna University, Chennai during **January 2021** session under your guidance.

Topic of Research: **SECURITY AND PRIVACY PRESERVATION FOR SMART DEVICES IN INTERNET OF THINGS**

The Research Scholar may be instructed to submit the Enrolment Form (**accessed through the website <https://cfr.annauniv.edu/scholars/>**) within a period of 15 days from the date of issue of this order. The research scholar should submit the Semester Progress Report and Registration Renewal Form in the prescribed format at the time of payment of regular semester fee, every semester.

The 50% of the programme fee paid will be refunded, if the candidate withdraws his/her admission within 30 days from the date of payment of fee and thereafter caution deposit only will be refunded in full, subject to conditions.

The Registration Number of the research scholar is **21144691576.**

In all future correspondence quote "**21144691576/Ph.D./AR12**" as reference. The research scholar will be governed by the "Regulations for Ph.D. Programme" of this University and any amendments are made to the Regulations from time to time.

- To
1. Individual.
  2. The Head of the Department / Director of the Centre.
  3. The Head of the Institution of the scholar.

*[Signature]*  
DIRECTOR  
15/2/21  
*[Signature]*  
15/2/21



# CENTRE FOR RESEARCH

ANNA UNIVERSITY

CHENNAI - 600 025



Dr. K.P. JAYA  
DIRECTOR

Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Date : 22.01.2021

Lr.No.CFR/Ph.D./Admn/JAN/2021

To  
Dr.R.Sivaraj  
Professor  
Department of Computer Science and Engineering  
Nandha Engineering College  
Perundurai, Erode - 638 052

Sub : Ph.D. Programme - Provisional Registration - Order - Issued.

Ref : Res. No. 36.09 of the 36<sup>th</sup> Research Board Meeting held on 03.11.2020

\*\*\*\*

I am to inform that **Mr.Prabhakar E** is permitted to register provisionally for Ph.D. programme as **Part-Time** scholar in the Faculty of Information and Communication Engineering of Anna University, Chennai during **January 2021** session under your guidance.

Topic of Research: **MULTI-CLASS SENTIMENT ANALYSIS OF GOVERNMENT SCHEMES AND SOCIAL ISSUES USING DEEP LEARNING**

The Research Scholar may be instructed to submit the Enrolment Form (accessed through the website <https://cfr.annauniv.edu/scholars/>) within a period of 15 days from the date of issue of this order. The research scholar should submit the Semester Progress Report and Registration Renewal Form in the prescribed format at the time of payment of regular semester fee, every semester.

The 50% of the programme fee paid will be refunded, if the candidate withdraws his/her admission within 30 days from the date of payment of fee and thereafter caution deposit only will be refunded in full, subject to conditions.

The Registration Number of the research scholar is 21144691337.

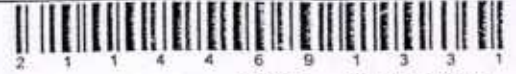
In all future correspondence quote "21144691337/Ph.D./AR13" as reference. The research scholar will be governed by the "Regulations for Ph.D. Programme" of this University and any amendments are made to the Regulations from time to time.

*K.P. Jaya*  
DIRECTOR

- To
1. Individual.
  2. The Head of the Department / Director of the Centre.
  3. The Head of the Institution of the scholar.

*P21*  
22/01/2021



Dr. K.P. JAYA  
 DIRECTOR


Procs. No.21144691331/Ph.D./AR13

Date : 22.01.2021

Sub : Ph.D. Programme – Mr.Gopalakrishnan K, Research Scholar – Constitution of Doctoral Committee – Orders – Issued.

Ref : This office Lr.No.CR / Ph.D. / Admn /JAN/2021/ dated: 22.01.2021.

\*\*\*\*

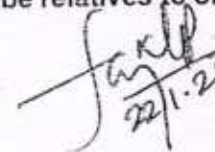
Mr.Gopalakrishnan K has been granted provisional registration for Ph.D. Programme under the guidance of Dr.R.Sivaraj vide reference cited. Accordingly a Doctoral Committee has been constituted comprising of the following members as required in the Clause 12.1 of Ph.D. Regulations.

- |    |   |                         |
|----|---|-------------------------|
| 1. | <b>Dr.R.Sivaraj, Professor</b><br>Department of Computer Science and Engineering<br>Nandha Engineering College<br>Perundurai, Erode - 638 052                   | Supervisor/<br>Convener |
| 2. | <b>Dr.M.Kalamani, Professor</b><br>Department of Electronics and Communications Engineering<br>Velalar College of Engineering and Technology<br>Erode - 638 012 | Member                  |
| 3. | <b>Dr.K.Ramesh, Professor</b><br>Department of Computer Science and Engineering<br>Hindustan Institute of Technology and Science<br>Chennai - 603 103           | Member                  |


The Doctoral Committee shall meet within 3 weeks from the date of receipt of this communication to prescribe course works to the scholar as per clause 13.1 of Ph.D. Regulations. The Meetings of the Doctoral Committee shall be informed to the Director (Research) and Head of the Department/Director of the Centre well in advance. The minutes of the meetings / any other communications should be forwarded by the respective Head of the Department/Director of the Centre of the Supervisor.

The research scholar shall have a CGPA of 7.00 in the course works in order to become eligible for comprehensive examination. A pass in the comprehensive examination is required for the confirmation of Ph.D. Registration.

The Committee shall function as per rules of the Ph.D. Regulations. Sitting Fee, TA / Conveyance to attend the Doctoral committee meetings shall be paid as per the norms. The Supervisor/ Convener shall convene the meeting of the Doctoral Committee and send the progress report periodically. As per Clause 6.4 "The Scholar, Supervisor, Doctoral Committee Members and Examiners shall not be relatives to one another".

  
 22/1.21  
 DIRECTOR

To  
 The Supervisor  
 Copy to : All Members

  
 22/01/2021



**CENTRE FOR RESEARCH**  
ANNA UNIVERSITY  
CHENNAI - 600 025



**Dr. C.UMARANI**  
**DIRECTOR**

Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Lr.No.21234691452/Ph.D./AR12

Date : 4 .07.2022

Sub : **Ph.D. Programme –Mr./Ms.K Kiruthikadevi**, Research Scholar – Confirmation - Orders - Issued.

Ref : 1. This Office.Lr.No.CR/Ph.D./Admn/JAN/2021 Dtd: 22.01.2021.

2. Letter Dtd: 17.06.2022 from Dr.R.Sivaraj, Professor, Department of Computer Science and Engineering, Nandha Engineering College,Perundurai,Erode 638 052

\*\*\*\*

The Provisional registration granted to **Mr/Ms.K Kiruthikadevi** to pursue Ph.D. Programme in this University vide ref. 1<sup>st</sup> cited is confirmed. The research scholar is permitted to proceed further with the research work as recommended by the Doctoral Committee constituted for the Research Scholar under the **Faculty of Information and Communication Engineering**.

*[Handwritten Signature]*  
4/7/2022  
**DIRECTOR**  
1/2

To

**Dr.R Sivaraj**

Professor

Department of Computer Science and Engineering  
Nandha Engineering College Perundurai,  
Erode 638 052

*T. Kalaimagal*  
4/7/22

*[Handwritten Signature]*  
4/7/22

Copy to :

The Head/Director

Department of Computer Science and Engineering  
Nandha Engineering College Perundurai,  
Erode 638 052

Mr./Ms.K Kiruthikadevi, Research Scholar through the Supervisor Dr.R Sivaraj





CENTRE FOR RESEARCH  
ANNA UNIVERSITY  
CHENNAI - 600 025



Dr. K.P. JAYA  
DIRECTOR

Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Procs. No.21144691541/Ph.D./AR12

Date : 08.02.2021

Sub : Ph.D. Programme – Mr.Kannan K R, Research Scholar – Constitution of Doctoral Committee –  
Orders – Issued.

Ref : This office Lr.No.CR / Ph.D. / Admn /JAN/2021/ dated: 08.02.2021.

\*\*\*\*

Mr.Kannan K R has been granted provisional registration for Ph.D. Programme under the guidance of Dr.C.N.Marimuthu vide reference cited. Accordingly a Doctoral Committee has been constituted comprising of the following members as required in the Clause 12.1 of Ph.D. Regulations.

1. **Dr.C.N.Marimuthu, Professor** Supervisor/  
Department of Electronics and Communication Engineering Convener  
Nandha Engineering College  
Erode - 638052
2. **Dr.P.Kumar, Professor** Member  
Department of Electronics and Communication Engineering  
K.S.Rangasamy College of Technology  
Namakkal-637215
3. **Dr.T.Senthilkumar, Associate Professor** Member  
Department of Computer Science and Engineering  
Amrita School of Engineering  
Coimbatore-641112

The Doctoral Committee shall meet within 3 weeks from the date of receipt of this communication to prescribe course works to the scholar as per clause 13.1 of Ph.D. Regulations. **The Meetings of the Doctoral Committee shall be informed to the Director (Research) and Head of the Department/Director of the Centre well in advance. The minutes of the meetings / any other communications should be forwarded by the respective Head of the Department/Director of the Centre of the Supervisor.**

The research scholar shall have a CGPA of 7.00 in the course works in order to become eligible for comprehensive examination. A pass in the comprehensive examination is required for the confirmation of Ph.D. Registration.

The Committee shall function as per rules of the Ph.D. Regulations. Sitting Fee, TA / Conveyance to attend the Doctoral committee meetings shall be paid as per the norms. The Supervisor/ Convener shall convene the meeting of the Doctoral Committee and send the progress report periodically. As per Clause 6.4 "The Scholar, Supervisor, Doctoral Committee Members and Examiners shall not be relatives to one another".

R. Vedyapriya  
DIRECTOR

To  
The Supervisor  
Copy to : All Members

8/8/2021  
38/21





**CENTRE FOR RESEARCH**  
ANNA UNIVERSITY  
CHENNAI - 600 025



**Dr. K.P. JAYA**  
DIRECTOR

Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Date : 21.01.2021

Procs. No.21144791133/Ph.D./AR13

Sub : Ph.D. Programme – Mr.Krishna Kumar E, Research Scholar – Constitution of Doctoral Committee  
– Orders – Issued.

Ref : This office Lr.No.CR / Ph.D. / Admn /JAN/2021/ dated: 21.01.2021.

\*\*\*\*

**Mr.Krishna Kumar E** has been granted provisional registration for Ph.D. Programme under the guidance of Dr.C.N.Marimuthu vide reference cited. Accordingly a Doctoral Committee has been constituted comprising of the following members as required in the Clause 12.1 of Ph.D. Regulations.

- Dr.C.N.Marimuthu, Professor** Supervisor/  
Department of Electronics and Communication Engineering Convener  
Nandha Engineering College  
Erode - 638 052
- Dr.G. Umamaheswari, Associate Professor** Member  
Department of Electronics and Communication Engineering  
PSG College of Technology  
Coimbatore - 641 004
- Dr.M.Nesasudha, Associate Professor** Member  
Department of Electronics and Communication Engineering  
Karunya Institute of Technology and Sciences  
Coimbatore - 641 114

The Doctoral Committee shall meet within 3 weeks from the date of receipt of this communication to prescribe course works to the scholar as per clause 13.1 of Ph.D. Regulations. **The Meetings of the Doctoral Committee shall be informed to the Director (Research) and Head of the Department/Director of the Centre well in advance. The minutes of the meetings / any other communications should be forwarded by the respective Head of the Department/Director of the Centre of the Supervisor.**

The research scholar shall have a CGPA of 7.00 in the course works in order to become eligible for comprehensive examination. A pass in the comprehensive examination is required for the confirmation of Ph.D. Registration.

The Committee shall function as per rules of the Ph.D. Regulations. Sitting Fee, TA / Conveyance to attend the Doctoral committee meetings shall be paid as per the norms. The Supervisor/ Convener shall convene the meeting of the Doctoral Committee and send the progress report periodically. As per Clause 6.4 "The Scholar, Supervisor, Doctoral Committee Members and Examiners shall not be relatives to one another"

*[Handwritten Signature]*  
DIRECTOR

*[Handwritten Signature]*  
21/01/21

To  
The Supervisor  
Copy to : All Members





CENTRE FOR RESEARCH  
ANNA UNIVERSITY  
CHENNAI - 600 025



Dr. K.P. JAYA  
DIRECTOR

Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Date : 30.09.2021

Procs. No.21234697320/Ph.D./AR15

Sub : Ph.D. Programme – Ms.Shanmugapriya K, Research Scholar – Constitution of Doctoral Committee – Orders – Issued.

Ref : This office Lr.No.CR / Ph.D. / Admn /JUL/2021/ dated: 30.09.2021.

\*\*\*\*

Ms.Shanmugapriya K has been granted provisional registration for Ph.D. Programme under the guidance of Dr.C.N.Marimuthu vide reference cited. Accordingly a Doctoral Committee has been constituted comprising of the following members as required in the Clause 12.1 of Ph.D. Regulations.

1. **Dr.C.N.Marimuthu, Professor** Supervisor/  
Department of Electronics and Communication Engineering Convener  
Nandha Engineering College  
Erode - 638052
2. **Dr.P.S.Periasamy, Professor** Member  
Department of Electronics and Communication Engineering  
K.S.Rangasamy College of Engineering  
Tiruchengode, Namakkal - 637215
3. **Dr.K.P.Sridhar, Professor** Member  
Department of Electronics and Communication Engineering  
Karpagam University  
Coimbatore - 641021

The Doctoral Committee shall meet within 3 weeks from the date of receipt of this communication to prescribe course works to the scholar as per clause 13.1 of Ph.D. Regulations. The Meetings of the Doctoral Committee shall be informed to the Director (Research) and Head of the Department/Director of the Centre well in advance. The minutes of the meetings / any other communications should be forwarded by the respective Head of the Department/Director of the Centre of the Supervisor.

The research scholar shall have a CGPA of 7.00 in the course works in order to become eligible for comprehensive examination. A pass in the comprehensive examination is required for the confirmation of Ph.D. Registration.

The Committee shall function as per rules of the Ph.D. Regulations. Sitting Fee, TA / Conveyance to attend the Doctoral committee meetings shall be paid as per the norms. The Supervisor/ Convener shall convene the meeting of the Doctoral Committee and send the progress report periodically. As per Clause 6.4 "The Scholar, Supervisor, Doctoral Committee Members and Examiners shall not be relatives to one another".

DIRECTOR

To  
The Supervisor  
Copy to : All Members

30/9/21  
  
11/10/21





CENTRE FOR RESEARCH  
ANNA UNIVERSITY  
CHENNAI - 600 025



Dr. K.P. JAYA  
DIRECTOR

Telephone : +91-44-2235 7356/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Procs. No.21133697237/Ph.D./AR11

Date : 01.10.2021

Sub : Ph.D. Programme – Mr.Arul Raj S, Research Scholar – Constitution of Doctoral Committee –  
Orders – Issued.

Ref : This office Lr.No.CR / Ph.D. / Admn /JUL/2021/ dated: 01.10.2021.

\*\*\*\*

**Mr.Arul Raj S** has been granted provisional registration for Ph.D. Programme under the guidance of Dr.C.N.Marimuthu vide reference cited. Accordingly a Doctoral Committee has been constituted comprising of the following members as required in the Clause 12.1 of Ph.D. Regulations.

1. **Dr.C.N.Marimuthu, Professor** Supervisor/  
Department of Electronics and Communication Engineering Convener  
Nandha Engineering College  
Erode - 638 052
2. **Dr.S Esakkirajan, Professor** Member  
Department of Instrumentation and Control Systems Engineering  
PSG College of Technology  
Coimbatore - 641 005
3. **Dr.K P Sridhar, Professor** Member  
Department of Electronics and Communication Engineering  
Karpagam Academy of Higher Education  
Coimbatore - 641 021

The Doctoral Committee shall meet within 3 weeks from the date of receipt of this communication to prescribe course works to the scholar as per clause 13.1 of Ph.D. Regulations. The Meetings of the Doctoral Committee shall be informed to the Director (Research) and Head of the Department/Director of the Centre well in advance. The minutes of the meetings / any other communications should be forwarded by the respective Head of the Department/Director of the Centre of the Supervisor.

The research scholar shall have a CGPA of 7.00 in the course works in order to become eligible for comprehensive examination. A pass in the comprehensive examination is required for the confirmation of Ph.D. Registration.

The Committee shall function as per rules of the Ph.D. Regulations. Sitting Fee, TA / Conveyance to attend the Doctoral committee meetings shall be paid as per the norms. The Supervisor/ Convener shall convene the meeting of the Doctoral Committee and send the progress report periodically. As per Clause 6.4 "The Scholar, Supervisor, Doctoral Committee Members and Examiners shall not be relatives to one another".

DIRECTOR

To  
The Supervisor  
Copy to : All Members

*(Handwritten signature)*  
1/10/21

*(Handwritten initials)*





**CENTRE FOR RESEARCH**  
ANNA UNIVERSITY  
CHENNAI - 600 025



**Dr. C.UMARANI**  
**DIRECTOR**

Telephone : +91-44-2235 7166/2235 0381  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Procs. No.23244697410/Ph.D./AR15

Date : 13/7/2023

Sub : Ph.D. Programme – Ms.Maheswari S, Research Scholar – Constitution of Doctoral Committee –  
Orders – Issued.

Ref : This office Lr.No.CR / Ph.D. / Admn /JUL/2023, dated: 13.07.2023.

\*\*\*\*

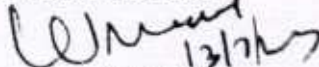
**Ms.Maheswari S** has been granted provisional registration for Ph.D. Programme under the guidance of Dr.C N.Marimuthu vide reference cited. Accordingly a Doctoral Committee has been constituted comprising of the following members as required in the Clause 12.1 of Ph.D. Regulations.

1. **Dr.C N.Marimuthu, Professor** Supervisor/  
Department of Electronics and Communication Engineering Convener  
Nandha Engineering College,  
Erode - 638 052
2. **Dr.P.S. Periasamy, Professor** Member  
Department of Electronics and Communication Engineering  
K.S.R. College of Engineering  
Thiruchengode - 637 215
3. **Dr.T Senthil Kumar, Associate Professor** Member  
Department of Computer Science and Engineering  
Amrita School of Engineering  
Coimbatore - 641 112


The Doctoral Committee shall meet within 3 weeks from the date of receipt of this communication to prescribe course works to the scholar as per clause 13.1 of Ph.D. Regulations. The Meetings of the Doctoral Committee shall be informed to the Director (Research) and Head of the Department/Director of the Centre well in advance. The minutes of the meetings / any other communications should be forwarded by the respective Head of the Department/Director of the Centre of the Supervisor.

The research scholar shall have a CGPA of 7.00 in the course works in order to become eligible for comprehensive examination. A pass in the comprehensive examination is required for the confirmation of Ph.D. Registration.

The Committee shall function as per rules of the Ph.D. Regulations. Sitting Fee, TA / Conveyance to attend the Doctoral committee meetings shall be paid as per the norms. The Supervisor/ Convener shall convene the meeting of the Doctoral Committee and send the progress report periodically. As per Clause 6.4 "The Scholar, Supervisor, Doctoral Committee Members and Examiners shall not be relatives to one another"

  
DIRECTOR

To  
The Supervisor  
Copy to . All Members

  
13/7/23



CENTRE FOR RESEARCH  
ANNA UNIVERSITY  
CHENNAI - 600 025



Dr. C.UMARANI  
DIRECTOR

Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Date : 13/7/2023

Lr.No.CFR/Ph.D./Admn/JUL/2023

To

Dr.C N.Marimuthu

Professor

Department of Electronics and Communication Engineering  
Nandha Engineering College,  
Erode - 638 052

Sub : Ph.D. Programme - Provisional Registration - Order - Issued.

Ref : Res. No. 41.4.01 of the 41<sup>st</sup> Research Board Meeting held on 10.06.2023

\*\*\*\*

I am to inform that **Ms.Maheswari S** is permitted to register provisionally for Ph.D. programme as **Part-Time** scholar in the Faculty of Information and Communication Engineering of Anna University, Chennai during **JULY 2023** session under your guidance.

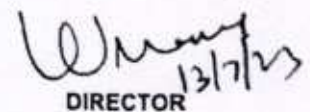
Topic of Research: **A HYBRID NATURE INSPIRED OPTIMIZATION FOR DEEP BELIEF NETWORK: AN EFFECTIVE CERVICAL CANCER DETECTION APPROACH**

The Research Scholar may be instructed to submit the Enrolment Form (accessed through the website <https://cfr.annauniv.edu/scholars/>) within a period of 15 days from the date of issue of this order. The research scholar should submit the Semester Progress Report and Registration Renewal Form in the prescribed format at the time of payment of regular semester fee, every semester.

The 50% of the programme fee paid will be refunded, if the candidate withdraws his/her admission within 30 days from the date of payment of fee and thereafter caution deposit only will be refunded in full, subject to conditions.

The Registration Number of the research scholar is **23244697410**.

In all future correspondence quote "23244697410/Ph.D./AR15" as reference. The research scholar will be governed by the "Regulations for Ph.D. Programme" of this University and any amendments are made to the Regulations from time to time.

  
DIRECTOR

To

1. Individual.
2. The Head of the Department / Director of the Centre.
3. The Head of the Institution of the scholar.







**CENTRE FOR RESEARCH**  
ANNA UNIVERSITY  
CHENNAI - 600 025



**Dr. C.UMARANI**  
DIRECTOR

Telephone : +91-44-2235 7366/2235 0341  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com

Lr.No.CFR/Ph.D./Admn/JUL/2023



Date : 12-7-2023

To

**Dr.C N.Marimuthu**

Professor

Department of Electronics and Communication Engineering  
Nandha Engineering College,  
Erode - 638 052

Sub : Ph.D. Programme - Provisional Registration - Order - Issued.

Ref : Res. No. 41.4.01 of the 41<sup>st</sup> Research Board Meeting held on 10.06.2023

\*\*\*\*

I am to inform that **Ms.Deepa B** is permitted to register provisionally for Ph.D. programme as Part-Time scholar in the Faculty of Information and Communication Engineering of Anna University, Chennai during JULY 2023 session under your guidance.

Topic of Research: **A NOVEL APPROACH TO DIAGONISE LIVER TUMOR USING ADAPTIVE CASCADED NEURAL NETWORKS**

The Research Scholar may be instructed to submit the Enrolment Form (accessed through the website <https://cfr.annauniv.edu/scholars/>) within a period of 15 days from the date of issue of this order. The research scholar should submit the Semester Progress Report and Registration Renewal Form in the prescribed format at the time of payment of regular semester fee, every semester.

The 50% of the programme fee paid will be refunded, if the candidate withdraws his/her admission within 30 days from the date of payment of fee and thereafter caution deposit only will be refunded in full, subject to conditions.

The Registration Number of the research scholar is 23244697438.

In all future correspondence quote "23244697438/Ph.D./AR15" as reference. The research scholar will be governed by the "Regulations for Ph.D. Programme" of this University and any amendments are made to the Regulations from time to time.

DIRECTOR  
12/7/23

To

1. Individual.
2. The Head of the Department / Director of the Centre.
3. The Head of the Institution of the scholar.

12/7/23



**CENTRE FOR RESEARCH**  
ANNA UNIVERSITY  
CHENNAI - 600 025



**Dr. C.UMARANI**  
**DIRECTOR**

Telephone : +91-44-2235 7366/2235 0381  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Date : 12.7.2023

Procs. No.23244697438/Ph.D./AR15

Sub : Ph.D. Programme – Ms.Deepa B, Research Scholar – Constitution of Doctoral Committee –  
Orders – Issued.

Ref : This office Lr.No.CR / Ph.D. / Admn /JUL/2023, dated: 12.07.2023.

\*\*\*\*

**Ms.Deepa B** has been granted provisional registration for Ph.D. Programme under the guidance of Dr.C N.Marimuthu vide reference cited. Accordingly a Doctoral Committee has been constituted comprising of the following members as required in the Clause 12.1 of Ph.D. Regulations.

- Dr.C N.Marimuthu, Professor** Supervisor/  
Department of Electronics and Communication Engineering Convener  
Nandha Engineering College,  
Erode - 638 052
- Dr.S Vijayachitra, Professor** Member  
Department of Electronics and Instrumentation Engineering  
Kongu Engineering College  
Erode - 638 060
- Dr.T Senthil Kumar, Associate Professor** Member  
Department of Computer Science and Engineering  
Amrita School Of Engineering  
Coimbatore - 641 112

The Doctoral Committee shall meet within 3 weeks from the date of receipt of this communication to prescribe course works to the scholar as per clause 13.1 of Ph.D. Regulations. **The Meetings of the Doctoral Committee shall be informed to the Director (Research) and Head of the Department/Director of the Centre well in advance. The minutes of the meetings / any other communications should be forwarded by the respective Head of the Department/Director of the Centre of the Supervisor.**

The research scholar shall have a CGPA of 7.00 in the course works in order to become eligible for comprehensive examination. A pass in the comprehensive examination is required for the confirmation of Ph.D. Registration.

The Committee shall function as per rules of the Ph.D. Regulations. Sitting Fee, TA / Conveyance to attend the Doctoral committee meetings shall be paid as per the norms. The Supervisor/ Convener shall convene the meeting of the Doctoral Committee and send the progress report periodically. As per Clause 6.4 "The Scholar, Supervisor, Doctoral Committee Members and Examiners shall not be relatives to one another".

*[Handwritten Signature]*  
DIRECTOR  
12/7/23

To  
The Supervisor  
Copy to : All Members

*[Handwritten Signature]*  
12/7/23





**CENTRE FOR RESEARCH**  
ANNA UNIVERSITY  
CHENNAI - 600 025



**Dr. C.UMARANI**  
DIRECTOR

Telephone : +91-44-2235 7366/7235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Date : 12.7.2023

Lr.No.CFR/Ph.D./Admn/JUL/2023

To

**Dr.C N.Marimuthu**

Professor

Department of Electronics and Communication Engineering  
Nandha Engineering College,  
Erode - 638 052

Sub : Ph.D. Programme - Provisional Registration - Order - Issued.

Ref : Res. No. 41.4.01 of the 41<sup>st</sup> Research Board Meeting held on 10.06.2023

\*\*\*\*

I am to inform that **Ms.Geetha S** is permitted to register provisionally for Ph.D. programme as Part-Time scholar in the Faculty of Information and Communication Engineering of Anna University, Chennai during JULY 2023 session under your guidance.

Topic of Research: **AN OPTIMIZED APPROACH TO DIAGNOSIS CHRONIC KIDNEY DISEASE USING MODIFIED CNN CLASSIFIER**

The Research Scholar may be instructed to submit the Enrolment Form (accessed through the website <https://cfr.annauniv.edu/scholars/>) within a period of 15 days from the date of issue of this order. The research scholar should submit the Semester Progress Report and Registration Renewal Form in the prescribed format at the time of payment of regular semester fee, every semester.

The 50% of the programme fee paid will be refunded, if the candidate withdraws his/her admission within 30 days from the date of payment of fee and thereafter caution deposit only will be refunded in full, subject to conditions.

The Registration Number of the research scholar is 23244697432.

In all future correspondence quote "23244697432/Ph.D./AR15" as reference. The research scholar will be governed by the "Regulations for Ph.D. Programme" of this University and any amendments are made to the Regulations from time to time.

*[Signature]*  
DIRECTOR

To

1. Individual.
2. The Head of the Department / Director of the Centre.
3. The Head of the Institution of the scholar.

*[Signature]*  
12/7/23



**CENTRE FOR RESEARCH**  
ANNA UNIVERSITY  
CHENNAI - 600 026



**Dr. C.UMARANI**  
**DIRECTOR**

Telephone : +91-44-2235 7366/2235 0361  
Fax : +91 44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Procs. No.23244697432/Ph.D./AR15

Date : 12.7.2023

Sub : Ph.D. Programme – Ms.Geetha S, Research Scholar – Constitution of Doctoral Committee –  
Orders – Issued.

Ref : This office Lr.No.CR / Ph.D. / Admn /JUL/2023, dated: 12.07.2023.

\*\*\*\*

**Ms.Geetha S** has been granted provisional registration for Ph.D. Programme under the guidance of Dr.C N.Marimuthu vide reference cited. Accordingly a Doctoral Committee has been constituted comprising of the following members as required in the Clause 12.1 of Ph.D. Regulations.

- |  |                         |
|--|-------------------------|
| 1. <b>Dr.C N.Marimuthu, Professor</b><br>Department of Electronics and Communication Engineering<br>Nandha Engineering College,<br>Erode - 638 052         | Supervisor/<br>Convener |
| 2. <b>Dr.S. Maheswaran, Associate Professor</b><br>Department of Electronics and Communication Engineering<br>Kongu Engineering College<br>Erode - 638 060 | Member                  |
| 3. <b>Dr.T Senthil Kumar, Associate Professor</b><br>Department of Computer Science and Engineering<br>Amrita School of Engineering Coimbatore - 641 112   | Member                  |

The Doctoral Committee shall meet within 3 weeks from the date of receipt of this communication to prescribe course works to the scholar as per clause 13.1 of Ph.D. Regulations. **The Meetings of the Doctoral Committee shall be informed to the Director (Research) and Head of the Department/Director of the Centre well in advance. The minutes of the meetings / any other communications should be forwarded by the respective Head of the Department/Director of the Centre of the Supervisor.**

The research scholar shall have a CGPA of 7.00 in the course works in order to become eligible for comprehensive examination. A pass in the comprehensive examination is required for the confirmation of Ph.D. Registration.

The Committee shall function as per rules of the Ph.D. Regulations. Sitting Fee, TA / Conveyance to attend the Doctoral committee meetings shall be paid as per the norms. The Supervisor/ Convener shall convene the meeting of the Doctoral Committee and send the progress report periodically. As per Clause 6.4 "The Scholar, Supervisor, Doctoral Committee Members and Examiners shall not be relatives to one another".

DIRECTOR  
12/7/23

To  
The Supervisor  
Copy to : All Members

M.S  
12/7/23





CENTRE FOR RESEARCH  
ANNA UNIVERSITY  
CHENNAI - 600 025



Dr. C.UMARANI  
DIRECTOR

Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Lr.No.CFR/Ph.D./Admn/JUL/2023

Date : 22/7/2023

To  
Dr.C N.Marimuthu  
Professor  
Department of Electronics and Communication Engineering  
Nandha Engineering College,  
Erode - 638 052

Sub : Ph.D. Programme - Provisional Registration - Order - Issued.

Ref : Res. No. 41.4.01 of the 41<sup>st</sup> Research Board Meeting held on 10.06.2023

\*\*\*\*

I am to inform that **Ms.Ramana S** is permitted to register provisionally for Ph.D. programme as **Part-Time** scholar in the Faculty of Information and Communication Engineering of Anna University, Chennai during **JULY 2023** session under your guidance.

Topic of Research: **INVESTIGATING SECURITY ISSUES IN PRIVACY AND SCALABILITY FOR HIGH TRAFFIC VOLUMES IN EDGE COMPUTING ON IOT**

The Research Scholar may be instructed to submit the Enrolment Form (accessed through the website <https://cfr.annauniv.edu/scholars/>) within a period of 15 days from the date of issue of this order. The research scholar should submit the Semester Progress Report and Registration Renewal Form in the prescribed format at the time of payment of regular semester fee, every semester.

The 50% of the programme fee paid will be refunded, if the candidate withdraws his/her admission within 30 days from the date of payment of fee and thereafter caution deposit only will be refunded in full, subject to conditions.

The Registration Number of the research scholar is **23244697462**.

In all future correspondence quote "23244697462/Ph.D./AR15" as reference. The research scholar will be governed by the "Regulations for Ph.D. Programme" of this University and any amendments are made to the Regulations from time to time.

DIRECTOR

To  
1. Individual.  
2. The Head of the Department / Director of the Centre.  
3. The Head of the Institution of the scholar.



CENTRE FOR RESEARCH  
ANNA UNIVERSITY  
CHENNAI - 600 025



Dr. C.UMARANI  
DIRECTOR

Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Procs. No.23244697462/Ph.D./AR15

Date : 22/7/2023

Sub : Ph.D. Programme – Ms.Ramana S, Research Scholar – Constitution of Doctoral Committee – Orders – Issued.

Ref : This office Lr.No.CR / Ph.D. / Admn /JUL/2023, dated: 22.07.2023.

\*\*\*\*

**Ms.Ramana S** has been granted provisional registration for Ph.D. Programme under the guidance of Dr.C N.Marimuthu vide reference cited. Accordingly a Doctoral Committee has been constituted comprising of the following members as required in the Clause 12.1 of Ph.D. Regulations.

1. **Dr.C N.Marimuthu, Professor** Supervisor/  
Department of Electronics and Communication Engineering Convener  
Nandha Engineering College,  
Erode - 638 052
2. **Dr.S. Esakkirajan, Professor** Member  
Department of Instrumentation and Control Systems Engineering  
PSG College of Technology  
Coimbatore - 641 005
3. **Dr.K. P. Sridhar, Professor** Member  
Department of Electronics and Communication Engineering  
Karpagam Academy of Higher Education  
Coimbatore - 641 021

The Doctoral Committee shall meet within 3 weeks from the date of receipt of this communication to prescribe course works to the scholar as per clause 13.1 of Ph.D. Regulations. The Meetings of the Doctoral Committee shall be informed to the Director (Research) and Head of the Department/Director of the Centre well in advance. The minutes of the meetings / any other communications should be forwarded by the respective Head of the Department/Director of the Centre of the Supervisor.

The research scholar shall have a CGPA of 7.00 in the course works in order to become eligible for comprehensive examination. A pass in the comprehensive examination is required for the confirmation of Ph.D. Registration.

The Committee shall function as per rules of the Ph.D. Regulations. Sitting Fee, TA / Conveyance to attend the Doctoral committee meetings shall be paid as per the norms. The Supervisor/ Convener shall convene the meeting of the Doctoral Committee and send the progress report periodically. As per Clause 6.4 "The Scholar, Supervisor, Doctoral Committee Members and Examiners shall not be relatives to one another".

22/7/2023  
DIRECTOR

To  
The Supervisor  
Copy to : All Members



# Anna University



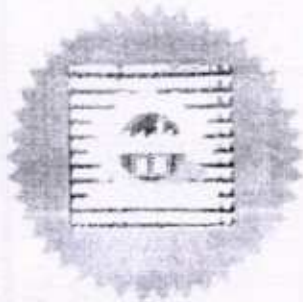
Key No: 2006459447/04

The Syndicate of the Anna University hereby makes known that **KAVITHA S** 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 **2013**.

*Title of the Thesis:*

**AN AUTOMATED SYSTEM FOR THE DIAGNOSIS OF GLAUCOMA AND DIABETIC RETINOPATHY**


*Given under the Seal of the University*



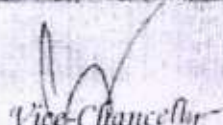
Tel: 600-025

India

Website: [annauniv.ac.in](http://annauniv.ac.in)

  
Controller of Examinations



  
Vice-Chancellor

  
**PRINCIPAL**  
Nandha Engineering College  
(Autonomous)  
Erode 638 052



Dr. R. JAYAVEL  
DIRECTOR

CENTRE FOR RESEARCH  
ANNA UNIVERSITY  
CHENNAI - 600 025



Telephone +91-44-2235 7366/2235 0361  
Fax +91-44-2220 1213  
Email dirresearch@annauniv.edu  
dirresearch@gmail.com



Date : 13.05.2016

Lr. No: SUPR/27<sup>th</sup>/DB

To

Dr Kavitha S

Professor

Department of Electronics and Communication Engineering  
Nandha Engineering College,  
Erode - 638052

Sir/Madam,

Sub : Ph.D./M.S. (By Research) Programme - Supervisor Recognition - Orders - Issued.  
Ref : Your application for Supervisor Recognition.

I am by direction to inform that you are recognized as a Supervisor ( Ref.No: 2740107 ) for guiding Ph.D. and M.S. (By Research) scholars of this University under the faculty of Information and Communication Engineering.

Area of Specialization: "Digital Image Processing, Fundus Image, Exudates, Optic Cup"

The functions and responsibilities of the supervisor are described under clause (7) of the Ph.D./M.S. (By Research) regulations of this University and applicable as and when amendments are made to the Regulations from time to time.

*Supervisors working in the recognized R&D Centre of Industries/non-recognized research Departments of Engineering College/Architecture Schools situated within Tamil Nadu shall function only as Joint Supervisor.*

I request you to adhere strictly the regulations (available in <https://cfr.annauniv.edu/research/instructions.php>) when you start guiding scholars.

In all future correspondence quote 2740107 for reference.

R. Jayavel  
13/5/16  
DIRECTOR

Copy to:

The Head  
Department of Electronics and Communication Engineering  
Nandha Engineering College,  
Erode - 638052





**CENTRE FOR RESEARCH**  
ANNA UNIVERSITY  
CHENNAI - 600 025



Dr. K.P. JAYA  
DIRECTOR

Telephone : +91-44-2235 7366/22 35 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Date : 03.01.2019

Lr.No.CR/Ph.D./Admn/JAN/2019

To

Dr.S Kavitha

Professor

Department of Electronics & Communication Engine  
Nandha Engineering College  
Erode - 638052

Sub : Ph.D. Programme - Provisional Registration - Order - Issued.

Ref : Res. No. 32.06 of the 32nd Research Board Meeting held on 22.11.2018

\*\*\*\*

I am to inform that Mr./Ms. Jayachandran T is permitted to register provisionally for Ph.D. programme as Part-Time scholar in the Faculty of Information and Communication Engineering of Anna University during 2019 session under your guidance.

Topic of Research: **IMAGE WATER MARKING USING VIDEO FRAMES**

The Research Scholar may be instructed to submit the Enrolment Form (accessed through the website <https://cfr.annauniv.edu/scholars/>) within a period of 15 days from the date of issue of this order. The research scholar should submit the Semester Progress Report and Registration Renewal Form in the prescribed format at the time of payment of regular semester fee.

The 50% of the programme fee paid will be refunded, if the candidate withdraws his/her admission within 30 days from the date of payment of fee and thereafter caution deposit only will be refunded in full, subject to conditions.

The Registration Number of the research scholar is 19144691123.

In all future correspondence quote " 19144691123/Ph.D./AR13 " - for reference. The research scholar will be governed by the " Regulations for Ph.D. Programme " of this University and any amendments are made to the Regulations from time to time.

DIRECTOR

To

1. Individual.
2. The Head of the Department / Director of the Centre.
3. The Head of the Institution of the scholar.

S. JAYA  
3/1/19

S. JAYA  
3/1/19



**CENTRE FOR RESEARCH**  
ANNA UNIVERSITY  
CHENNAI - 600 025



Dr. K.P. JAYA  
DIRECTOR

Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Date : 03.01.2019

Procs. No.19144691123/Ph.D./AR13

Sub : Ph.D. Programme – Mr./Ms. Jayachandran T, Research Scholar – Constitution of Doctoral Committee – Orders – Issued.

Ref : This office Lr.No.CR / Ph.D. / Admn /JAN/2019/ dated: 03.01.2019.

\*\*\*\*

**Mr./Ms. Jayachandran T** has been granted provisional registration for Ph.D. Programme under the guidance of Dr. S Kavitha vide reference cited. Accordingly a Doctoral Committee has been constituted comprising of the following members as required in the Clause 12.1 of Ph.D. Regulations.

- |   |                         |
|---|-------------------------|
| 1. <b>Dr.S Kavitha,Professor</b><br>Department of Electronics & Communication Engineering<br>Nandha Engineering College<br>Erode - 638052 .       | Supervisor/<br>Convener |
| 2. <b>Dr. S.Esakkirajan,Professor</b><br>Department of Electronics and Communication Engineering<br>PSG Cllege of Technology Coimbatore-641004    | Member                  |
| 3. <b>Dr. P.Palanisamy,Professor</b><br>Department of Electronics and Communication Engineering<br>National Institute of Technology Trichy-620015 | Member                  |

The Doctoral Committee shall meet within 3 weeks from the date of receipt of this communication to prescribe course works to the scholar as per clause 13.1 of Ph.D. Regulation. **The Meetings of the Doctoral Committee shall be informed to the Director (Research) and Head of the Department/Director of the Centre well in advance. The minutes of the meetings / any other communications should be forwarded by the respective Head of the Department/Director of the Centre.**

The research scholar shall have a CGPA of 6.50 in the course works in order to become eligible for comprehensive examination. A pass in the comprehensive examination is required for the confirmation of Ph.D. Registration.

The Committee shall function as per rules of the Ph.D. regulations. Sitting Fee, TA / Conveyance shall be paid as per the norms. The Supervisor/ Convener shall convene the meeting of the Doctoral Committee and send the progress report periodically. As per Clause 6.4 "The Scholar, Supervisor, Doctoral Committee Members and Examiners shall not be relatives to each others".

*K. P. Jaya*  
DIRECTOR 15/1/19

To  
The Supervisor  
Copy to : All Members

*S. S.*  
3/1/19

*[Signature]*  
3/1/19





**CENTRE FOR RESEARCH**  
ANNA UNIVERSITY  
CHENNAI - 600 025



Telephone : +91-44-2235 7366/2235 0351  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com

**Dr. K.P. JAYA**  
DIRECTOR



Date : 07.10.2021

Lr.No.CFR/Ph.D./Admn/JUL/2021

To  
Dr.S.Kavitha  
Professor  
Department of Electronics and Communication Engineering  
Nandha Engineering College  
Erode - 638 052

Sub: Ph.D. Programme - Provisional Registration - Order - Issued.

Ref: Res. No. 37.06 of the 37<sup>th</sup> Research Board Meeting held on 16.08.2021

I am to inform that **Ms.Vasuki C** is permitted to register provisionally for Ph.D. programme as Part-Time scholar in the Faculty of Information and Communication Engineering of Anna University, Chennai during JULY 2021 session under your guidance.

Topic of Research: **PERFORMANCE ANALYSIS OF WIRELESS SENSOR NETWORK USING ARTIFICIAL INTELLIGENCE**

The Research Scholar may be instructed to submit the Enrolment Form (accessed through the website <https://cfr.annauniv.edu/scholars/>) within a period of 15 days from the date of issue of this order. The research scholar should submit the Semester Progress Report and Registration Renewal Form in the prescribed format at the time of payment of regular semester fee, every semester.

The 50% of the programme fee paid will be refunded, if the candidate withdraws his/her admission within 30 days from the date of payment of fee and thereafter caution deposit only will be refunded in full, subject to conditions.

The Registration Number of the research scholar is 21244697482.

In all future correspondence quote "21244697482/Ph.D./AR12" as reference. The research scholar will be governed by the "Regulations for Ph.D. Programme" of this University and any amendments are made to the Regulations from time to time.

*[Signature]*  
DIRECTOR

- To
1. Individual.
  2. The Head of the Department / Director of the Centre.
  3. The Head of the Institution of the scholar.

*[Signature]*  
05/10/2021

*[Signature]*  
H/10/21



CENTRE FOR RESEARCH  
ANNA UNIVERSITY  
CHENNAI - 600 025



Dr. K.P. JAYA  
DIRECTOR

Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Date : 28.09.2021

Lr.No.CFR/Ph.D./Admn/JUL/2021

To  
Dr.S.Kavitha  
Professor  
Department of Electronics and Communication Engineering  
Nandha Engineering College  
Erode - 638 052

Sub : Ph.D. Programme - Provisional Registration - Order - Issued.

Ref : Res. No. 37.06 of the 37<sup>th</sup> Research Board Meeting held on 16.08.2021

I am to inform that **Mr.Rathanasabhapathy G** is permitted to register provisionally for Ph.D. programme as Part-Time scholar in the Faculty of Electrical Engineering of Anna University, Chennai during JULY 2021 session under your guidance.

Topic of Research: **DESIGN AND ANALYSIS OF MICROSTRIP ANTENNA FOR HEALTH CARE MONITORING SYSTEMS**

The Research Scholar may be instructed to submit the Enrolment Form (accessed through the website <https://cfr.annauniv.edu/scholars/>) within a period of 15 days from the date of issue of this order. The research scholar should submit the Semester Progress Report and Registration Renewal Form in the prescribed format at the time of payment of regular semester fee, every semester.

The 50% of the programme fee paid will be refunded, if the candidate withdraws his/her admission within 30 days from the date of payment of fee and thereafter caution deposit only will be refunded in full, subject to conditions.

The Registration Number of the research scholar is **21143697145**.

In all future correspondence quote "21143697145/Ph.D./AR11" as reference. The research scholar will be governed by the "Regulations for Ph.D. Programme" of this University and any amendments are made to the Regulations from time to time.

*Dr. K.P. Jaya*  
28/9/2021  
DIRECTOR

- To
1. Individual.
  2. The Head of the Department / Director of the Centre.
  3. The Head of the Institution of the scholar.

*Dr. K.P. Jaya*  
28/9/2021

*Dr. K.P. Jaya*  
28/9/2021





CENTRE FOR RESEARCH  
ANNA UNIVERSITY  
CHENNAI - 600 025



Dr. K.P. JAYA  
DIRECTOR

Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Date : 28.09.2021

Procs. No.21143697145/Ph.D./AR11

Sub : Ph.D. Programme – Mr.Rathanasabhpathy G, Research Scholar – Constitution of Doctoral Committee – Orders – Issued.

Ref: This office Lr.No.CR / Ph.D. / Admn /JUL/2021/ dated: 28.09.2021.

\*\*\*\*

**Mr.Rathanasabhpathy G** has been granted provisional registration for Ph.D. Programme under the guidance of Dr.S.Kavitha vide reference cited. Accordingly a Doctoral Committee has been constituted comprising of the following members as required in the Clause 12.1 of Ph.D. Regulations.

- Dr.S.Kavitha, Professor** Supervisor/  
Department of Electronics and Communication Engineering Convener  
Nandha Engineering College  
Erode - 638 052
- Dr.D.Deepa, Professor** Member  
Department of Electronics and Communication Engineering  
Bannari Amman Institute of Technology  
Sathyangalam - 638 401
- Dr.S.Natarajan, Professor** Member  
Department of Electronics and Communication Engineering  
Vel Tech University  
Chennai - 600 062

The Doctoral Committee shall meet within 3 weeks from the date of receipt of this communication to prescribe course works to the scholar as per clause 13.1 of Ph.D. Regulations. The Meetings of the Doctoral Committee shall be informed to the Director (Research) and Head of the Department/Director of the Centre well in advance. The minutes of the meetings / any other communications should be forwarded by the respective Head of the Department/Director of the Centre of the Supervisor.

The research scholar shall have a CGPA of 7.00 in the course works in order to become eligible for comprehensive examination. A pass in the comprehensive examination is required for the confirmation of Ph.D. Registration.

The Committee shall function as per rules of the Ph.D. Regulations. Sitting Fee, TA / Conveyance to attend the Doctoral committee meetings shall be paid as per the norms. The Supervisor/ Convener shall convene the meeting of the Doctoral Committee and send the progress report periodically. As per Clause 6.4 "The Scholar, Supervisor, Doctoral Committee Members and Examiners shall not be relatives to one another".

*Vidya*  
28/09/2021  
DIRECTOR

To  
The Supervisor  
Copy to : All Members

*Vidya*  
28/09/2021  
*Vidya*  
2021



CENTRE FOR RESEARCH  
ANNA UNIVERSITY  
CHENNAI - 600 025



Dr. C.UMARANI  
DIRECTOR

Telephone : +91-44-2235 7366/2235 036 1  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Date : .2022

Lr.No.CFR/Ph.D./Admn/JAN/2022

To

Dr. S. Kavitha

Professor

Department of Electronics and Communication Engineering

Nandha Engineering College

Erode - 638 052

Sub : Ph.D. Programme - Provisional Registration - Order - Issued.

Ref : Res. No. 38.4.01 of the 38<sup>th</sup> Research Board Meeting held on 19.01.2022

\*\*\*\*

I am to inform that Ms. Monica R is permitted to register provisionally for Ph.D. programme as Part-Time scholar in the Faculty of Information and Communication Engineering of Anna University, Chennai during January 2022 session under your guidance.

Topic of Research: **EARLY DISEASE DETECTION, SYMPTOMS MONITORING AND PERFORMANCE ANALYSIS IN PLANT LEAVES USING DEEP NEURAL NETWORKS**

The Research Scholar may be instructed to submit the Enrolment Form (accessed through the website <https://cfr.annauniv.edu/scholars/>) within a period of 15 days from the date of issue of this order. The research scholar should submit the Semester Progress Report and Registration Renewal Form in the prescribed format at the time of payment of regular semester fee, every semester.

The 50% of the programme fee paid will be refunded, if the candidate withdraws his/her admission within 30 days from the date of payment of fee and thereafter caution deposit only will be refunded in full, subject to conditions.

The Registration Number of the research scholar is 22224691295.

In all future correspondence quote "22224691295/Ph.D./AR13" as reference. The research scholar will be governed by the "Regulations for Ph.D. Programme" of this University and any amendments are made to the Regulations from time to time.

DIRECTOR

To

1. Individual.
2. The Head of the Department / Director of the Centre.
3. The Head of the Institution of the scholar.





**CENTRE FOR RESEARCH**  
ANNA UNIVERSITY  
CHENNAI - 600 025



Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com

**Dr. C.UMARANI**  
**DIRECTOR**



Date : .2022

Procs. No.22224691295/Ph.D./AR13

Sub : Ph.D. Programme – **Ms.Monica R** Research Scholar – Constitution of Doctoral Committee –  
Orders – Issued.

Ref : This office Lr.No.CR / Ph.D. / Admn /JAN/2022, dated: 11.02.2022.

\*\*\*\*

**Ms.Monica R** has been granted provisional registration for Ph.D. Programme under the guidance of Dr.S.Kavitha, vide reference cited. Accordingly a Doctoral Committee has been constituted comprising of the following members as required in the Clause 12.1 of Ph.D. Regulations.

1. **Dr.S.Kavitha, Professor** Supervisor/  
Department of Electronics and Communication Engineering Convener  
Nandha Engineering College  
Erode - 638 052
2. **Dr.T.Meera Devi, Professor** Member  
Department of Electronics and Communication Engineering  
Kongu Engineering College  
Perundurai - 638 052
3. **Dr.D.Jude Hemanth, Professor** Member  
Department of Electronics and Communication Engineering  
Karunya University  
Coimbatore - 641 114

The Doctoral Committee shall meet within 3 weeks from the date of receipt of this communication to prescribe course works to the scholar as per clause 13.1 of Ph.D. Regulations. **The Meetings of the Doctoral Committee shall be informed to the Director (Research) and Head of the Department/Director of the Centre well in advance. The minutes of the meetings / any other communications should be forwarded by the respective Head of the Department/Director of the Centre of the Supervisor.**

The research scholar shall have a CGPA of 7.00 in the course works in order to become eligible for comprehensive examination. A pass in the comprehensive examination is required for the confirmation of Ph.D. Registration.

The Committee shall function as per rules of the Ph.D. Regulations. Sitting Fee, TA / Conveyance to attend the Doctoral committee meetings shall be paid as per the norms. The Supervisor/ Convener shall convene the meeting of the Doctoral Committee and send the progress report periodically. As per Clause 6.4 "The Scholar, Supervisor, Doctoral Committee Members and Examiners shall not be relatives to one another".

**DIRECTOR**

To  
The Supervisor  
Copy to : All Members

*Ms*  
*Networks*



**CENTRE FOR RESEARCH**  
ANNA UNIVERSITY  
CHENNAI - 600 025



Dr. K.P. JAYA  
DIRECTOR

Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Date : 03.01.2019

Lr.No.CR/Ph.D./Admn/JAN/2019

To

Dr.S Kavitha

Professor

Department of Electronics & Communication Engine  
Nandha Engineering College  
Erode - 638052

Sub : Ph.D. Programme - Provisional Registration - Order - Issued.

Ref : Res. No. 32.06 of the 32nd Research Board Meeting held on 22.11.2018

\*\*\*\*

I am to inform that **Mr./Ms. Pradeepkumar G** is permitted to register provisionally for Ph.D. programme as Part-Time scholar in the Faculty of Information and Communication Engineering of Anna University during 2019 session under your guidance.

Topic of Research: **PERFORMANCE ANALYSIS OF MEDICAL IMAGE WATERMARKING ALGORITHM TO PROTECT ELECTRONIC PATIENT RECORD USING IMAGE TRANSFORMS**

The Research Scholar may be instructed to submit the Enrolment Form (accessed through the website <https://cfr.annauniv.edu/scholars/>) within a period of 15 days from the date of issue of this order. The research scholar should submit the Semester Progress Report and Registration Renewal Form in the prescribed format at the time of payment of regular semester fee.

The 50% of the programme fee paid will be refunded, if the candidate withdraws his/her admission within 30 days from the date of payment of fee and thereafter caution deposit only will be refunded in full, subject to conditions.

The Registration Number of the research scholar is **19144691118**.

In all future correspondence quote " **19144691118/Ph.D./AR13** " - for reference. The research scholar will be governed by the " Regulations for Ph.D. Programme " of this University and any amendments are made to the Regulations from time to time.

*[Signature]*  
DIRECTOR

To

1. Individual.
2. The Head of the Department / Director of the Centre.
3. The Head of the Institution of the scholar.

S. 20  
3/1/19  
*[Signature]*





CENTRE FOR RESEARCH  
ANNA UNIVERSITY  
CHENNAI - 600 025



Dr. K.P. JAYA  
DIRECTOR

Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Procs. No.19144691118/Ph.D./AR13

Date : 03.01.2019

Sub : Ph.D. Programme – Mr./Ms. Pradeepkumar G, Research Scholar – Constitution of Doctoral Committee – Orders – Issued.

Ref : This office Lr.No.CR / Ph.D. / Admn /JAN/2019/ dated: 03.01.2019.

\*\*\*\*

Mr./Ms. **Pradeepkumar G** has been granted provisional registration for Ph.D. Programme under the guidance of Dr. S Kavitha vide reference cited. Accordingly a Doctoral Committee has been constituted comprising of the following members as required in the Clause 12.1 of Ph.D. Regulations.

1. **Dr.S Kavitha,Professor** Supervisor/  
Department of Electronics & Communication Engineering Convener  
Nandha Engineering College  
Erode - 638052 .
2. **Dr. U.S.Ragupathy,Professor** Member  
Department of Electronics and Instrumentation Engineering  
Kongu Engineering College Perundurai, Erode - 638060
3. **Dr. T.Senthil kumar,Associate Professor** Member  
Department of Computer Science and Engineering  
Amirta School of Engineering Coimbatore-641113

The Doctoral Committee shall meet within 3 weeks from the date of receipt of this communication to prescribe course works to the scholar as per clause 13.1 of Ph.D. Regulation. The Meetings of the Doctoral Committee shall be informed to the Director (Research) and Head of the Department/Director of the Centre well in advance. The minutes of the meetings / any other communications should be forwarded by the respective Head of the Department/Director of the Centre.

The research scholar shall have a CGPA of 6.50 in the course works in order to become eligible for comprehensive examination. A pass in the comprehensive examination is required for the confirmation of Ph.D. Registration.

The Committee shall function as per rules of the Ph.D. regulations. Sitting Fee, TA / Conveyance shall be paid as per the norms. The Supervisor/ Convener shall convene the meeting of the Doctoral Committee and send the progress report periodically. As per Clause 6.4 "The Scholar, Supervisor, Doctoral Committee Members and Examiners shall not be relatives to each others".

*[Handwritten Signature]*  
DIRECTOR

To  
The Supervisor  
Copy to : All Members

*[Handwritten Signature]*  
31/1/19



**CENTRE FOR RESEARCH**  
ANNA UNIVERSITY  
CHENNAI - 600 025



**Dr. C.UMARANI**  
**DIRECTOR**

Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Date : 15.06.2022

Lr.No.CFR/Ph.D./Admn/JUL/2022

To  
Dr.S.Kavitha  
Professor  
Department of Electronics and Communication Engineering  
Nandha Engineering College  
Erode - 638 052

Sub : Ph.D. Programme - Provisional Registration - Order - Issued.

Ref : Res. No. 39.4.01 of the 39<sup>th</sup> Research Board Meeting held on 15.06.2022

\*\*\*\*

I am to inform that **Ms.Parameshwari V** is permitted to register provisionally for Ph.D. programme as Part-Time scholar in the Faculty of Electrical Engineering of Anna University, Chennai during JULY 2022 session under your guidance.

Topic of Research: **IOT ENABLED DIABETIC PATIENT DIAGNOSIS SYSTEM FOR HEALTH CARE APPLICATIONS**

The Research Scholar may be instructed to submit the Enrolment Form (accessed through the website <https://cfr.annauniv.edu/scholars/>) within a period of 15 days from the date of issue of this order. The research scholar should submit the Semester Progress Report and Registration Renewal Form in the prescribed format at the time of payment of regular semester fee, every semester.

The 50% of the programme fee paid will be refunded, if the candidate withdraws his/her admission within 30 days from the date of payment of fee and thereafter caution deposit only will be refunded in full, subject to conditions.

The Registration Number of the research scholar is 22243697106.

In all future correspondence quote "22243697106/Ph.D./AR11" as reference. The research scholar will be governed by the "Regulations for Ph.D. Programme" of this University and any amendments are made to the Regulations from time to time.

**DIRECTOR**

- To
1. Individual.
  2. The Head of the Department / Director of the Centre.
  3. The Head of the Institution of the scholar.

*S. D.*  
*27/6/22*





RESEARCH  
ANNA UNIVERSITY  
CHENNAI - 600 025



Dr. C.UMARANI  
DIRECTOR

Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Procs. No.22243697106/Ph.D./AR11

Date : 9/7/2022

Sub : Ph.D. Programme – Ms.Parameshwari V, Research Scholar – Constitution of Doctoral Committee  
– Orders – Issued.

Ref : This office Lr.No.CR / Ph.D. / Admn /JUL/2022, dated: 27.06.2022.

\*\*\*\*

Ms.Parameshwari V has been granted provisional registration for Ph.D. Programme under the guidance of Dr.S.Kavitha vide reference cited. Accordingly a Doctoral Committee has been constituted comprising of the following members as required in the Clause 12.1 of Ph.D. Regulations.

1. **Dr.S.Kavitha, Professor** Supervisor/  
Department of Electronics and Communication Engineering Convener  
Nandha Engineering College  
Erode - 638 052
2. **Dr.S Maheswaran, Associate Professor** Member  
Department of Electrical and Communication Engineering  
Kongu Engineering College  
Perundurai, Erode - 638 052
3. **Dr.S Natarajan, Professor** Member  
Department of Electrical and Communication Engineering  
Vel Tech University Chennai-600062

The Doctoral Committee shall meet within 3 weeks from the date of receipt of this communication to prescribe course works to the scholar as per clause 13.1 of Ph.D. Regulations. The Meetings of the Doctoral Committee shall be informed to the Director (Research) and Head of the Department/Director of the Centre well in advance. The minutes of the meetings / any other communications should be forwarded by the respective Head of the Department/Director of the Centre of the Supervisor.

The research scholar shall have a CGPA of 7.00 in the course works in order to become eligible for comprehensive examination. A pass in the comprehensive examination is required for the confirmation of Ph.D. Registration.

The Committee shall function as per rules of the Ph.D. Regulations. Sitting Fee, TA / Conveyance to attend the Doctoral committee meetings shall be paid as per the norms. The Supervisor/ Convener shall convene the meeting of the Doctoral Committee and send the progress report periodically. As per Clause 6.4 "The Scholar, Supervisor, Doctoral Committee Members and Examiners shall not be relatives to one another".

L. Kumar  
DIRECTOR  
+ R.A. 1/2

To  
The Supervisor  
Copy to : All Members

27/6/22



**CENTRE FOR RESEARCH**  
**ANNA UNIVERSITY**  
**CHENNAI - 600 025**



**Dr. C.UMARANI**  
**DIRECTOR**

Telephone: +91-44-2235 7300/2235 0301  
 Fax: +91-44-2230 1213  
 Email: [dirresearch@annauniv.edu](mailto:dirresearch@annauniv.edu)  
[dirresearch@gmail.com](mailto:dirresearch@gmail.com)



Date: 11/07/2022

Lf.No. CFR/Ph.D./Admn/JUL/2022.

To: \_\_\_\_\_  
 Dr. S. Srinivas  
 Professor  
 Department of Electronics and Communication Engineering  
 Anna Engineering College  
 Anna - 600052

Sub: Ph.D. Programme - Provisional Registration - Order - Issued.

Ref: Res. No. 39.4.01 of the 39<sup>th</sup> Research Board Meeting held on 15.08.2022

I am to inform that **Mr. Amarnath Prabhakaran A.** is permitted to register provisionally for Ph.D. programme as **Part-Time** scholar in the Faculty of Information and Communication Engineering of Anna University, Chennai during **JULY 2022** session under your guidance.

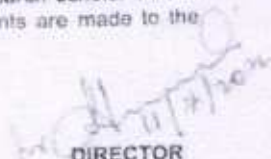
Topic of Research: **EFFECTIVE DETECTION OF SPECTRUM OCCUPANCIES AND EFFICIENT SPECTRUM ALLOCATION IN COGNITIVE RADIO NETWORKS USING ARTIFICIAL INTELLIGENCE.**

The Research Scholar may be instructed to submit the Enrolment Form (accessed through the website <https://cfr.annauniv.edu/scholars/>) within a period of 15 days from the date of issue of this order. The research scholar should submit the Semester Progress Report and Registration Renewal Form in the prescribed format at the time of payment of regular semester fee, every semester.

The 50% of the programme fee paid will be refunded, if the candidate withdraws his/her admission within 30 days from the date of payment of fee and thereafter caution deposit only will be refunded in full, subject to conditions.

The Registration Number of the research scholar is **22144697223**.

In all future correspondence quote "**22144697223/Ph.D./AR15**" as reference. The research scholar will be governed by the "Regulations for Ph.D. Programme" of this University and any amendments are made to the Regulations from time to time.

  
 DIRECTOR

- To:
1. Individual.
  2. The Head of the Department / Director of the Centre.
  3. The Head of the Institution of the scholar.





**CENTRE FOR RESEARCH**  
ANNA UNIVERSITY  
CHENNAI - 600 025



**Dr. C.UMARANI**  
**DIRECTOR**

Telephone : +91-44-2235 7366/2235 0351  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Date : 11/07/2022

Procs. No.22144697223/Ph.D./AR15

Sub : Ph.D. Programme – Mr.Amarnath Prabhakaran A, Research Scholar – Constitution of Doctoral Committee – Orders – Issued.

Ref : This office Lr.No.CR / Ph.D. / Admn /JUL/2022, dated: 09.07.2022.

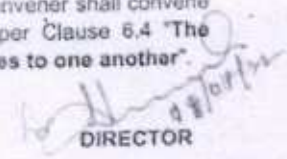
\*\*\*\*  
**Mr.Amarnath Prabhakaran A** has been granted provisional registration for Ph.D. Programme under the guidance of **Dr.S.Kavitha** with reference cited. Accordingly a Doctoral Committee has been constituted comprising of the following members as required in the Clause 12.1 of Ph.D. Regulations.

- |   |                         |
|---|-------------------------|
| 1. <b>Dr.S.Kavitha</b> , Professor<br>Department of Electronics and Communication Engineering<br>Nandha Engineering College<br>Erode - 638052                       | Supervisor/<br>Convener |
| 2. <b>Dr.Sampoornam K P</b> , Professor<br>Department of Electronics and Communication Engineering<br>Bannan Amman Institute of Technology<br>Sathyamangalam-638402 | Member                  |
| 3. <b>Dr.Nandakumar S</b> , Associate Professor<br>Department of Electronics and Communication Engineering<br>Vellore Institute of Technology<br>Vellore-632014     | Member                  |

The Doctoral Committee shall meet within 3 weeks from the date of receipt of this communication to prescribe course works to the scholar as per clause 13.1 of Ph.D. Regulations. The Meetings of the Doctoral Committee shall be informed to the Director (Research) and Head of the Department/Director of the Centre well in advance. The minutes of the meetings / any other communications should be forwarded by the respective Head of the Department/Director of the Centre of the Supervisor.

The research scholar shall have a CGPA of 7.00 in the course works in order to become eligible for comprehensive examination. A pass in the comprehensive examination is required for the confirmation of Ph.D. Registration.

The Committee shall function as per rules of the Ph.D. Regulations. Sitting Fee, TA / Conveyance to attend the Doctoral committee meetings shall be paid as per the norms. The Supervisor/ Convener shall convene the meeting of the Doctoral Committee and send the progress report periodically. As per Clause 6.4 "The Scholar, Supervisor, Doctoral Committee Members and Examiners shall not be relatives to one another".

  
DIRECTOR

To  
The Supervisor  
Copy to : All Members





CENTRE FOR RESEARCH  
ANNA UNIVERSITY  
CHENNAI - 600 095



Dr. C.UMARANI  
DIRECTOR

Telephone : +91-44-2235 1366/2235 0391  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Date: 06/07/2022

Lr.No.CFR/Ph.D./Admn/JUL/2022

To  
Dr. S.Kavitha  
Professor  
Department of Electronics and Communication Engineering  
Nandha Engineering College  
Erode - 638 052

Sub : Ph.D. Programme - Provisional Registration - Order - Issued.

Ref : Res. No. 39.4.01 of the 39<sup>th</sup> Research Board Meeting held on 15.06.2022

I am to inform that **Ms.Sowparnika B** is permitted to register provisionally for Ph.D. programme as Part-Time scholar in the Faculty of Information and Communication Engineering of Anna University, Chennai during **JULY 2022** session under your guidance.

Topic of Research: **DEEP NEURAL NETWORK BASED COVID19 DETECTION AND ITS IMPACT ANALYSIS USING CT IMAGES**

The Research Scholar may be instructed to submit the Enrolment Form (accessed through the website <https://cfr.annauniv.edu/scholars/>) within a period of 15 days from the date of issue of this order. The research scholar should submit the Semester Progress Report and Registration Renewal Form in the prescribed format at the time of payment of regular semester fee, every semester.

The 50% of the programme fee paid will be refunded, if the candidate withdraws his/her admission within 30 days from the date of payment of fee and thereafter caution deposit only will be refunded in full, subject to conditions.

The Registration Number of the research scholar is **22244697275**.

In all future correspondence quote "22244697275/Ph.D./JAR15" as reference. The research scholar will be governed by the "Regulations for Ph.D. Programme" of this University and any amendments are made to the Regulations from time to time.

*Adhithyan*  
06/07/2022  
DIRECTOR

- To
1. Individual.
  2. The Head of the Department / Director of the Centre.
  3. The Head of the Institution of the scholar.

*[Signature]*  
06/07/2022  
*[Signature]*  
06/07/2022



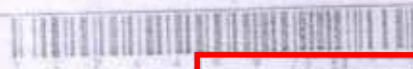


**CENTRE FOR RESEARCH**  
ANNA UNIVERSITY  
CHENNAI - 600 025



**Dr. C.UMARANI**  
DIRECTOR

Telephone : +91-44-2235 7350/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Date : 11/07/2022

Procs. No.22244697275/Ph.D./AR15

Sub : Ph.D. Programme – Ms.Sowparnika B, Research Scholar – Constitution of Doctoral Committee – Orders – Issued.

Ref : This office Lr.No.CR / Ph.D. / Admn /JUL/2022, dated: 06.08.2022.

\*\*\*\*  
**Ms.Sowparnika B** has been granted provisional registration for Ph.D. Programme under the guidance of Dr.S.Kavitha vide reference cited. Accordingly a Doctoral Committee has been constituted comprising of the following members as required in the Clause 12.1 of Ph.D. Regulations.

- |    |  |                         |
|----|--|-------------------------|
| 1/ | <b>Dr.S.Kavitha, Professor</b><br>Department of Electronics and Communication Engineering<br>Nandha Engineering College<br>Erode - 638 052                         | Supervisor/<br>Convener |
| 2/ | <b>Dr.K.S.Tamilselvan, Professor</b><br>Department of Electronics and Communication Engineering<br>KPR Institute of Engineering and Technology<br>Arasur - 641 407 | Member                  |
| 3/ | <b>Dr.K.C.Sriharipriya, Associate Professor</b><br>Department of Electronics and Communication Engineering<br>Vellore Institute of Technology<br>Vellore - 632 014 | Member                  |

The Doctoral Committee shall meet within 3 weeks from the date of receipt of this communication to prescribe course works to the scholar as per clause 13.1 of Ph.D. Regulations. The Meetings of the Doctoral Committee shall be informed to the Director (Research) and Head of the Department/Director of the Centre well in advance. The minutes of the meetings / any other communications should be forwarded by the respective Head of the Department/Director of the Centre of the Supervisor.

The research scholar shall have a CGPA of 7.00 in the course works in order to become eligible for comprehensive examination. A pass in the comprehensive examination is required for the confirmation of Ph.D. Registration.

The Committee shall function as per rules of the Ph.D. Regulations. Sitting Fee, TA / Conveyance to attend the Doctoral committee meetings shall be paid as per the norms. The Supervisor/ Convener shall convene the meeting of the Doctoral Committee and send the progress report periodically. As per Clause 6.4 "The Scholar, Supervisor, Doctoral Committee Members and Examiners shall not be relatives to one another".

*[Signature]*  
DIRECTOR

To  
The Supervisor  
Copy to : All Members

*[Signature]*  
06/08/22  
*[Signature]*



CENTRE FOR RESEARCH  
ANNA UNIVERSITY  
CHENNAI - 600 025



Dr. C.UMARANI  
DIRECTOR

Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Date : 24.03.2022

Lr.No.22244991162/Ph.D./AR13

Sub : Ph.D. Programme – Ms.D.Linett Sophia, Research Scholar – Change of Supervisor -  
Orders - Issued.

Ref : 1.This Office Proceedings of even number Dtd: 10.02.2022.  
2.Letter Dtd: 22.03.2022 - from Dr. P.Mathivanan Assistant Professor Department of  
Electronics Communication Engineering Sri Venkateswara College of Engineering  
Sripereumbudur Chennai - 602 117

\*\*\*\*

Under the circumstances stated in the reference 2<sup>nd</sup> cited, Dr.S.Kavitha Professor & Head,  
Department of Electronics Communication Engineering, Nandha Engineering College, Erode-638 052 has  
been nominated as Supervisor in the place of Dr. P.Mathivanan in respect of the Research Scholar  
Ms.D.Linett Sophia.

Clause 8.9 of Ph.D. Regulation reads

"If change of Supervisor is approved, the scholar has to work for a minimum of one year with the  
new Supervisor and Synopsis shall be accepted only when the scholar has published atleast one  
journal publication (as applicable) with new Supervisor."

DIRECTOR

To  
Dr.S.Kavitha  
Professor & Head  
Department of Electronics Communication Engineering  
Nandha Engineering College  
Erode - 638 052

Copy to :

- 1.The Head / Director, Department of Electronics Communication Engineering, Nandha  
Engineering College, Erode - 638 052
- 2.Dr. P.Mathivanan, Assistant Professor, Department of Electronics and Communication  
Engineering, Sri Venkateswara College of Engineering, Tiruvallur-602 117, (for information)
- 3.Ms.D Linett Sophia, Research scholar through the Supervisor Dr.S Kavitha.





CENTRE FOR RESEARCH  
ANNA UNIVERSITY  
CHENNAI - 600 025



Dr. C.UMARANI  
DIRECTOR

Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Date : 10-2-2022

Lr.No.CFR/Ph.D./Admn/JAN/2022

To  
Dr.S.Kavitha  
Professor  
Department of Electronics and Communication Engineering  
Nandha Engineering College  
Erode - 638052

Sub : Ph.D. Programme - Provisional Registration - Order - Issued.

Ref : Res. No. 38.4.01 of the 38<sup>th</sup> Research Board Meeting held on 19.01.2022

I am to inform that **Ms.Thangamani S** is permitted to register provisionally for Ph.D. programme as Part-Time scholar in the Faculty of Information and Communication Engineering of Anna University, Chennai during January 2022 session under your guidance.

Topic of Research: DYNAMIC FEATURE SET BASED CLASSIFICATION SCHEME UNDER DATA STREAMS

The Research Scholar may be instructed to submit the Enrolment Form (accessed through the website <https://cfr.annauniv.edu/scholars/>) within a period of 15 days from the date of issue of this order. The research scholar should submit the Semester Progress Report and Registration Renewal Form in the prescribed format at the time of payment of regular semester fee, every semester.

The 50% of the programme fee paid will be refunded, if the candidate withdraws his/her admission within 30 days from the date of payment of fee and thereafter caution deposit only will be refunded in full, subject to conditions.

The Registration Number of the research scholar is 22224691306.

In all future correspondence quote "22224691306/Ph.D./AR13" as reference. The research scholar will be governed by the "Regulations for Ph.D. Programme" of this University and any amendments are made to the Regulations from time to time.

*Dr. C. Umarani*  
10/2/22  
DIRECTOR

- To
1. Individual.
  2. The Head of the Department / Director of the Centre.
  3. The Head of the Institution of the scholar.

*Dr. S. Kavitha*

*Dr. S. Kavitha*



**CENTRE FOR RESEARCH**  
ANNA UNIVERSITY  
CHENNAI - 600 025



**Dr. C.UMARANI**  
DIRECTOR

Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Date : 14.02.2022

Procs. No.22224691306/Ph.D./AR13

Sub : Ph.D. Programme – **Ms.Thangamani S**, Research Scholar – Constitution of Doctoral Committee –  
Orders – Issued.

Ref : This office Lr.No.CR / Ph.D. / Admn /JAN/2022, dated: 12.02.2022.

\*\*\*\*

**Ms.Thangamani S** has been granted provisional registration for Ph.D. Programme under the guidance of Dr.S.Kavitha vide reference cited. Accordingly a Doctoral Committee has been constituted comprising of the following members as required in the Clause 12.1 of Ph.D. Regulations.

- |   |                         |
|---|-------------------------|
| 1. <b>Dr.S.Kavitha, Professor</b><br>Department of Electronics and Communication Engineering<br>Nandha Engineering College<br>Erode - 638 052                       | Supervisor/<br>Convener |
| 2. <b>Dr.P Jayanthi, Associate Professor</b><br>Department of Computer Science and Engineering<br>Kongu Engineering College<br>Perundurai - 638 060                 | Member                  |
| 3. <b>Dr.R Mohanasundaram, Senior Associate Professor</b><br>Department of Computer Science and Engineering<br>Vellore Institute of Technology<br>Vellore - 632 014 | Member                  |

The Doctoral Committee shall meet within 3 weeks from the date of receipt of this communication to prescribe course works to the scholar as per clause 13.1 of Ph.D. Regulations. The Meetings of the Doctoral Committee shall be informed to the Director (Research) and Head of the Department/Director of the Centre well in advance. The minutes of the meetings / any other communications should be forwarded by the respective Head of the Department/Director of the Centre of the Supervisor.

The research scholar shall have a CGPA of 7.00 in the course works in order to become eligible for comprehensive examination. A pass in the comprehensive examination is required for the confirmation of Ph.D. Registration.

The Committee shall function as per rules of the Ph.D. Regulations. Sitting Fee, TA / Conveyance to attend the Doctoral committee meetings shall be paid as per the norms. The Supervisor/ Convener shall convene the meeting of the Doctoral Committee and send the progress report periodically. As per Clause 6.4 "The Scholar, Supervisor, Doctoral Committee Members and Examiners shall not be relatives to one another"

*[Signature]*  
14/02/2022  
DIRECTOR

To  
The Supervisor  
Copy to : All Members

*[Signature]*





CENTRE FOR RESEARCH  
ANNA UNIVERSITY  
CHENNAI - 600 025



Dr. C.UMARANI  
DIRECTOR

Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Lr.No.CFR/Ph.D./Admn/JAN/2022

Date : 72 .2022

To

Dr.S.Kavitha

Professor  
Department of Electronics and Communication Engineering  
Nandha Engineering College  
Erode - 638 052

Sub : Ph.D. Programme - Provisional Registration - Order - Issued.

Ref : Res. No. 38.4.01 of the 38<sup>th</sup> Research Board Meeting held on 19.01.2022

\*\*\*\*

I am to inform that Ms.Kiruthika D is permitted to register provisionally for Ph.D. programme as Part-Time scholar in the Faculty of Information and Communication Engineering of Anna University, Chennai during January 2022 session under your guidance.

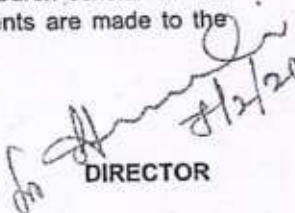
Topic of Research: ARTIFICIAL INTELLIGENCE BASED SOLUTION FOR WEB SCRAPPING

The Research Scholar may be instructed to submit the Enrolment Form (accessed through the website <https://cfr.annauniv.edu/scholars/>) within a period of 15 days from the date of issue of this order. The research scholar should submit the Semester Progress Report and Registration Renewal Form in the prescribed format at the time of payment of regular semester fee, every semester.

The 50% of the programme fee paid will be refunded, if the candidate withdraws his/her admission within 30 days from the date of payment of fee and thereafter caution deposit only will be refunded in full, subject to conditions.

The Registration Number of the research scholar is 22244691334.

In all future correspondence quote "22244691334/Ph.D./AR13" as reference. The research scholar will be governed by the "Regulations for Ph.D. Programme" of this University and any amendments are made to the Regulations from time to time.

  
7/2/2022  
DIRECTOR

To

1. Individual.
2. The Head of the Department / Director of the Centre.
3. The Head of the Institution of the scholar.

  
7/2/22



CENTRE FOR RESEARCH  
ANNA UNIVERSITY  
CHENNAI - 600 025



Dr. C.UMARANI  
DIRECTOR

Telephone : +91-44-2235 7368/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Date : 12/02/2022

Procs. No.22244691334/Ph.D./AR13

Sub : Ph.D. Programme – Ms.Kiruthika D, Research Scholar – Constitution of Doctoral Committee –  
Orders – Issued.

Ref : This office Lr.No.CR / Ph.D. / Admn /JAN/2022, dated: 12.02.2022.

\*\*\*\*

**Ms.Kiruthika D** has been granted provisional registration for Ph.D. Programme under the guidance of Dr.S.Kavitha vide reference cited. Accordingly a Doctoral Committee has been constituted comprising of the following members as required in the Clause 12.1 of Ph.D. Regulations.

1. **Dr.S.Kavitha, Professor** Supervisor/  
Department of Electronics and Communication Engineering Convener  
Nandha Engineering College  
Erode - 638 052
2. **Dr.I.Bhuvaneshwarri, Senior Assistant Professor** Member  
Department of Information Technology  
Institute of Road and Transport Technology  
Erode - 638 107
3. **Dr.Mohanasundaram Ranganathan, Associate Professor** Member  
School of Computer Science and Engineering  
VIT University  
Vellore - 632 014

The Doctoral Committee shall meet within 3 weeks from the date of receipt of this communication to prescribe course works to the scholar as per clause 13.1 of Ph.D. Regulations. **The Meetings of the Doctoral Committee shall be informed to the Director (Research) and Head of the Department/Director of the Centre well in advance. The minutes of the meetings / any other communications should be forwarded by the respective Head of the Department/Director of the Centre of the Supervisor.**

The research scholar shall have a CGPA of 7.00 in the course works in order to become eligible for comprehensive examination. A pass in the comprehensive examination is required for the confirmation of Ph.D. Registration.

The Committee shall function as per rules of the Ph.D. Regulations. Sitting Fee, TA / Conveyance to attend the Doctoral committee meetings shall be paid as per the norms. The Supervisor/ Convener shall convene the meeting of the Doctoral Committee and send the progress report periodically. As per Clause 6.4 "The Scholar, Supervisor, Doctoral Committee Members and Examiners shall not be relatives to one another"

for  
DIRECTOR  
12/02/2022

To  
The Supervisor  
Copy to : All Members

R.4/12/22



# Anna University

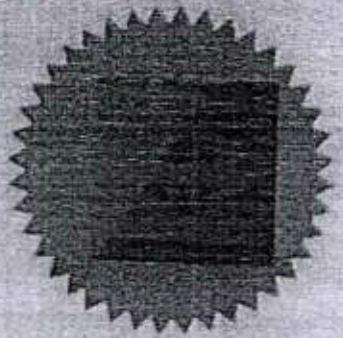


Reg No. 17144697192/RC

The Syndicate of the Anna University hereby makes known that **ARULANANTHAM D** 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 2021. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2016".

*Title of the Thesis:*  
TRUST ADAPTED INTERNET OF THINGS BASED COGNITIVE WIRELESS SENSOR NETWORKS BUILT WITH DYNAMIC DUAL ROUTE SELECTION

Given under the Seal of the University



*P. Sathish*  
Controller of Examinations

*A. K. I.*  
Registrar

*R. V. Vijay*  
Vice-Chancellor





**CENTRE FOR RESEARCH**  
ANNA UNIVERSITY  
CHENNAI - 600 026



**Dr. C.UMARANI**  
DIRECTOR

Telephone : +91-44-2238 7346/7738 0261  
Fax : +91-44-2220 1213  
Email : [cfresearch@annauniv.edu](mailto:cfresearch@annauniv.edu)  
[cfresearch@gmail.com](mailto:cfresearch@gmail.com)

Lr. No: SUPR/AR2

Date : 25.06.2022

To

**Dr. Arulanantham D**

Assistant Professor  
Department of Electronics and Communication Engineering  
Nandha Engineering College  
Perundurai, Erode-638052

Sir/Madam,

Sub : Ph.D.Programme - Supervisor Recognition - Approved - Orders - Issued.  
Ref : Your application for Supervisor Recognition.

\*\*\*\*\*

I am by direction to inform that you are recognized as a Supervisor ( Ref.No: 4040003 ) for guiding Ph.D. scholars of this University under the faculty of Information and Communication Engineering.

Area of Specialization: "Wireless Sensor Networks, Network Security, IoT, Machine Learning"

The functions and responsibilities of the supervisor are described under clause (7) of the Ph.D.regulations of this University and applicable as and when amendments are made to the Regulations from time to time.

*It is to be noted that, "Supervisors working in the recognized R&D Centre of Industries/non-recognized research Departments of Engineering College/Architecture Schools situated within Tamil Nadu shall function only as Joint Supervisor".*

I request you to adhere strictly the Ph.D. regulations (available in <https://cfr.annauniv.edu/research/instructions.php> ) when you start guiding the scholars.

Further for any correspondence in future quote 4040003 for reference.

DIRECTOR

Copy to:

The Head  
Department of Electronics and Communication Engineering  
Nandha Engineering College  
Perundurai, Erode-638052

25/6/22





CENTRE FOR RESEARCH  
ANNA UNIVERSITY  
CHENNAI - 600 025



Dr. C.UMARANI  
DIRECTOR

Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Lr.No.CFR/Ph.D./Admn/JUL/2023

Date : 13/7/2023

To

Dr.D.Arulanantham

Associate Professor  
Department of Electronics and Communication Engineering  
Nandha Engineering College  
Erode - 638052

Sub : Ph.D. Programme - Provisional Registration - Order - Issued.

Ref : Res. No. 41.4.01 of the 41<sup>st</sup> Research Board Meeting held on 10.06.2023

\*\*\*\*

I am to inform that Ms.Anitha M is permitted to register provisionally for Ph.D. programme as Part-Time scholar in the Faculty of Electronics and Communication Engineering of Anna University, Chennai during JULY 2023 session under your guidance.

Topic of Research: **SECURE ARCHITECTURE FOR DIGITAL IMAGES USING ENCRYPTION MODEL IN IOT ENVIRONMENT**

The Research Scholar may be instructed to submit the Enrolment Form (accessed through the website <https://cfr.annauniv.edu/scholars/>) within a period of 15 days from the date of issue of this order. The research scholar should submit the Semester Progress Report and Registration Renewal Form in the prescribed format at the time of payment of regular semester fee, every semester.

The 50% of the programme fee paid will be refunded, if the candidate withdraws his/her admission within 30 days from the date of payment of fee and thereafter caution deposit only will be refunded in full, subject to conditions.

The Registration Number of the research scholar is **23229697216**.

In all future correspondence quote "23229697216/Ph.D./AR15" as reference. The research scholar will be governed by the "Regulations for Ph.D. Programme" of this University and any amendments are made to the regulations from time to time.

13/7/2023  
DIRECTOR

To

1. Individual.
2. The Head of the Department / Director of the Centre.
3. The Head of the Institution of the scholar.

K.R.  
13/7/23



**CENTRE FOR RESEARCH**  
ANNA UNIVERSITY  
CHENNAI - 600 025



**Dr. C.UMARANI**  
**DIRECTOR**

Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Procs. No.23229697216/Ph.D./AR15

Date : 13/7/2023

Sub : Ph.D. Programme – Ms.Anitha M, Research Scholar – Constitution of Doctoral Committee –  
Orders – Issued.

Ref : This office Lr.No.CR / Ph.D. / Admn /JUL/2023, dated: 13.07.2023.

\*\*\*\*

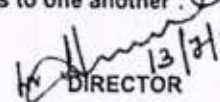
**Ms.Anitha M** has been granted provisional registration for Ph.D. Programme under the guidance of Dr.D.Arulanantham vide reference cited. Accordingly a Doctoral Committee has been constituted comprising of the following members as required in the Clause 12.1 of Ph.D. Regulations.

- |  |                         |
|--|-------------------------|
| 1. <b>Dr.D.Arulanantham, Associate Professor</b><br>Department of Electronics and Communication Engineering<br>Nandha Engineering College<br>Erode - 638052  | Supervisor/<br>Convener |
| 2. <b>Dr.S. Kavitha, Professor</b><br>Department of Electronics and Communication Engineering<br>Nandha Engineering College<br>Erode-638052                  | Member                  |
| 3. <b>Dr.V. Anantha Narayanan, Assistant Professor</b><br>Department of Computer Science and Engineering<br>Amirtha School of Computing<br>Coimbatore-641112 | Member                  |

The Doctoral Committee shall meet within 3 weeks from the date of receipt of this communication to prescribe course works to the scholar as per clause 13.1 of Ph.D. Regulations. **The Meetings of the Doctoral Committee shall be informed to the Director (Research) and Head of the Department/Director of the Centre well in advance. The minutes of the meetings / any other communications should be forwarded by the respective Head of the Department/Director of the Centre of the Supervisor.**

The research scholar shall have a CGPA of 7.00 in the course works in order to become eligible for comprehensive examination. A pass in the comprehensive examination is required for the confirmation of Ph.D. Registration.

The Committee shall function as per rules of the Ph.D. Regulations. Sitting Fee, TA / Conveyance to attend the Doctoral committee meetings shall be paid as per the norms. The Supervisor/ Convener shall convene the meeting of the Doctoral Committee and send the progress report periodically. As per Clause 6.4 "The Scholar, Supervisor, Doctoral Committee Members and Examiners shall not be relatives to one another".

  
13/7/2023  
DIRECTOR

To  
The Supervisor  
Copy to : All Members

  
13/7/23





**CENTRE FOR RESEARCH**  
ANNA UNIVERSITY  
CHENNAI - 600 025



**Dr. C.UMARANI**  
**DIRECTOR**

Telephone : +91-44-2235 7366/2235 0351  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu;  
dirresearch@gmail.com



Date : 20-12-2023

Lr.No.CFR/Ph.D./Admn/JAN/2024 /AR15

To

**Dr.D.Arulanantham**

Associate Professor

Department of Electronics and Communication Engineering

Nandha Engineering College

Erode - 638052

Sub : Ph.D. Programme - Provisional Registration - Order - Issued.

Ref : Res. No. 42.4.01 of the 42<sup>nd</sup> Research Board Meeting held on 28.11.2023

\*\*\*\*

I am to inform that **Ms.Santhiya P** is permitted to register provisionally for Ph.D. programme as **Part-Time** scholar in the Faculty of **Information and Communication Engineering** of Anna University, Chennai during **January 2024** session under your guidance.

Topic of Research: **IMPROVING THE NETWORK PERFORMANCE IN IOT SENSOR NETWORKS(IOTSN) USING SMART INTELLIGENT SYSTEMS**

The Registration Number of the research scholar is **24244691145** and in all future correspondence quote "**24244691145/Ph.D./AR15**" as reference.

The research scholar will be governed by the "Regulations for Ph.D. Programme" of this University and any amendments made to the Regulations from time to time. The research scholar should complete the Semester Progress Report at the time of payment of regular semester fee, every semester.

The 50% of the programme fee paid will be refunded, if the candidate withdraws his/her admission within 30 days from the date of payment of fee and thereafter caution deposit only will be refunded in full, subject to conditions.

*Gulam*  
20/12/2023

20-12-2023  
for DIRECTOR

To

1. Individual.
2. The Head of the Department / Director of the Centre.
3. The Head of the Institution of the scholar.



**CENTRE FOR RESEARCH**  
ANNA UNIVERSITY  
CHENNAI - 600 025



**Dr. C.UMARANI**  
**DIRECTOR**

Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Proc.No./Ph.D./24244691145/AR15

Date : 20-12-2023

Sub : Ph.D. Programme – Ms.Santhiya P, Research Scholar – Constitution of Doctoral Committee – Orders – Issued.

Ref : This office Lr.No.CR / Ph.D. / Admn /JAN/2024, dated: 20-12-2023.

\*\*\*\*

**Ms.Santhiya P** has been granted provisional registration for Ph.D. Programme under the guidance of Dr.D.Arulanantham vide reference cited. Accordingly a Doctoral Committee has been constituted comprising of the following members as required in the Clause 12.1 of Ph.D. Regulations.

- Dr.D.Arulanantham, Associate Professor** Supervisor/  
Department of Electronics and Communication Engineering Convener  
Nandha Engineering College  
Erode - 638052
- Dr.G.Gowrison, Associate Professor** Member  
Department of Electronics and Communication Engineering  
Government College of Engineering  
Erode - 638316
- Dr.V.Anandnarayan, Associate Professor** Member  
Department of Computer Science and Engineering  
Amrita School of Computing  
Coimbatore - 641112

The Doctoral Committee shall meet within 3 weeks from the date of receipt of this communication to prescribe course works to the scholar as per clause 13.1 of Ph.D. Regulations. **The Meetings of the Doctoral Committee shall be informed to the Director (Research) and Head of the Department/Director of the Centre well in advance. The minutes of the meetings / any other communications should be forwarded by the respective Head of the Department/Director of the Centre of the Supervisor.**

The research scholar shall have a CGPA of 7.00 in the course works in order to become eligible for comprehensive examination. A pass in the comprehensive examination is required for the confirmation of Ph.D. Registration.

The Committee shall function as per rules of the Ph.D. Regulations. Sitting Fee, TA / Conveyance to attend the Doctoral committee meetings shall be paid as per the norms. The Supervisor/ Convener shall convene the meeting of the Doctoral Committee and send the progress report periodically. As per Clause 6.4 **"The Scholar, Supervisor, Doctoral Committee Members and Examiners shall not be relatives to one another"**.

*Gulam*  
20/12/2023

20-12-2023  
for DIRECTOR

To  
The Supervisor  
Copy to : All Members







**CENTRE FOR RESEARCH**  
**ANNA UNIVERSITY**  
**CHENNAI - 600 025**



**Dr. C.UMARANI**  
**DIRECTOR**

Telephone : +91-44-2235 7366/2235 0361  
 Fax : +91-44-2220 1213  
 Email : dirresearch@annauniv.edu  
 dirresearch@gmail.com



Procs. No.23149697111/Ph.D./AR15

Date : 25/7/2023

Sub : Ph.D. Programme – Mr.Sathish Kumar V S, Research Scholar – Constitution of Doctoral Committee – Orders – Issued.

Ref : This office Lr.No.CR / Ph.D. / Admn /JUL/2023, dated: 25.07.2023.

\*\*\*\*

**Mr.Sathish Kumar V S** has been granted provisional registration for Ph.D. Programme under the guidance of Dr.D.Arulanantham vide reference cited. Accordingly a Doctoral Committee has been constituted comprising of the following members as required in the Clause 12.1 of Ph.D. Regulations.

- |  |  |
|--|--|
| <p>1. <b>Dr.D.Arulanantham, Associate Professor</b><br/>         Department of Electronics and Communication Engineering<br/>         Nandha Engineering College<br/>         Erode - 638052</p>         | <p>Supervisor/<br/>         Convener</p> |
| <p>2. <b>Dr.G.Gowrison, Associate Professor</b><br/>         Department of Electronics and Communication Engineering<br/>         Government College of Engineering<br/>         Erode - 638316</p>      | <p>Member</p>                            |
| <p>3. <b>Dr.T.Deepa, Associate Professor</b><br/>         Department of Electronics and Communication Engineering<br/>         SRM Institute of Science and Technology<br/>         Chennai - 603203</p> | <p>Member</p>                            |

The Doctoral Committee shall meet within 3 weeks from the date of receipt of this communication to prescribe course works to the scholar as per clause 13.1 of Ph.D. Regulations. The Meetings of the Doctoral Committee shall be informed to the Director (Research) and Head of the Department/Director of the Centre well in advance. The minutes of the meetings / any other communications should be forwarded by the respective Head of the Department/Director of the Centre of the Supervisor.

The research scholar shall have a CGPA of 7.00 in the course works in order to become eligible for comprehensive examination. A pass in the comprehensive examination is required for the confirmation of Ph.D. Registration.

The Committee shall function as per rules of the Ph.D. Regulations. Sitting Fee, TA / Conveyance to attend the Doctoral committee meetings shall be paid as per the norms. The Supervisor/ Convener shall convene the meeting of the Doctoral Committee and send the progress report periodically. As per Clause 6.4 "The Scholar, Supervisor, Doctoral Committee Members and Examiners shall not be relatives to one another".

*[Handwritten Signature]*  
 25/7/23  
 DIRECTOR

To  
 The Supervisor  
 Copy to : All Members

*[Handwritten Signature]*  
 25/7/23





# Centre For Research

ANNA UNIVERSITY, CHENNAI



WELCOME

Minutes of the Final Exam Total Committee Meeting



Minutes of the DC/ME Meeting for Confirmation



Minutes of the Synopsis DC Meeting & Examiners Panel



Minutes for Thesis Resubmission



Panel of Subject Experts for Viva-Voce Examination



Ph.D/M.Sc(Research) Public Viva-Voce Notification



Name : **RENGARAJAN N**

Old / New Reco. No. : 21.03.24 / 2130194

Faculty : Electrical Engineering

Region : Anna University-CHENNAI

Mobile : 9443301758

Email : rengarajan2412@gmail.com

Thesis Resubmission



Open For and A. and Particulars Submission



Synopsis - Thesis Status



Semester Progress Report Approval



Document Dispatched Status



January - June 2023

Office Address :  
Nandha Engineering College,  
Erode  
Erode  
638 052



CENTRE FOR RESEARCH  
ANNA UNIVERSITY  
CHENNAI - 600 025

Dr. C.UMARANI  
DIRECTOR

Telephone: 491 44 2235 / 3662235, 6361  
Fax: 491 44 2225 1213  
Email: dirresearch@annauniv.edu  
dirresearch@gmail.com



3.2.3  
EEE Dept  
Research  
Scholar  
Research  
Loading  
for.



Lr. No. 16143697120/Ph.D./AR11

Date: 04.01.2024

Sub : Ph.D. Programme – Mr/Ms. P.Sankar, research scholar – Nomination  
of Research Co-ordinator - Orders – Issued.

- Ref : 1. This office proceedings of even number Dated: 30.06.2016  
2. Letter Dtd: 04.01.2024 - from the Research Scholar Mr/Ms. Sankar duly forwarded by  
Supervisor and Head of the Department.  
3. VC Note Order Dated: 20.09.2019

\*\*\*\*\*

**Dr.G Ramani**, Professor, Department of Electrical and Electronics Engineering, Nandha Engineering College, Erode - 638 052, has been nominated as **Research Co-ordinator** for the research scholar, **Mr/Ms.P.Sankar** only to take care of the administrative and research responsibilities due to the following reason,

The scholar's Supervisor **Dr.A.Sheela** is working with Department of Electrical & Electronics Engineering, The Kavery Engineering College, Salem which is non recognized research centre.

✓ To

Dr.G Ramani  
Professor  
Department of Electrical and Electronics Engineering  
Nandha Engineering College, Erode - 638 052

DIRECTOR  
8/1/24

8/1/24

8/1/24

Copy to :

1. The Head, Department of Electrical and Electronics Engineering, Nandha Engineering College, Erode - 638 052
2. Dr. A.Sheela, Associate Professor, Department of Electrical & Electronics Engineering, The Kavery Engineering College, Salem 636453
3. Dr.L.Ashok Kumar, Professor, Department of Electrical and Electronics Engineering, PSG College of Technology, Coimbatore-641004 (for information).
4. Dr.S.Balamurugan, Associate Professor, Department of Electrical and Electronics Engineering, Amrita University, Coimbatore-641112 (for information).
5. Mr/Ms.Sankar, research scholar, C/O L.Bellie, Manjoor Village, Kundha Bridge Po THE NILGIRIS-643219 PH:9677364588





Dr. C.UMARANI  
DIRECTOR

# CENTRE FOR RESEARCH

ANNA UNIVERSITY  
CHENNAI - 600 026



Telephone : +91 44 2235 7303/2235 0351  
Fax : +91 44 2220 1213  
Email : director@annauniv.edu  
director@annauniv.ac.in



Lr. No. 21244691213/Ph.D./AR12

Date : 11.01.2024

Sub : Ph.D. Programme – Mr/Ms. S.Revathi, research scholar – Nomination  
of Research Co-ordinator - Orders – Issued.

- Ref : 1. This office proceedings of even number Dated: 21.01.2021  
2. Letter Dtd: 04.01.2024 - from the Research Scholar Mr/Ms. Revathi duly forwarded by  
Supervisor and Head of the Department.  
3. VC Note Order Dated: 20.09.2019

\*\*\*\*\*

**Dr.G Ramani**, Professor, Department of Electrical and Electronics Engineering, Nandha Engineering College, Erode - 638 052, has been nominated as **Research Co-ordinator** for the research scholar, **Mr/Ms.S.Revathi** only to take care of the administrative and research responsibilities due to the following reason,

The scholar's Supervisor **Dr.A.Sheela** is working with Department of Electrical & Electronics Engineering, The Kavery Engineering College, Salem which is non recognized research centre.

To  
Dr.G Ramani  
Professor  
Department of Electrical and Electronics Engineering  
Nandha Engineering College, Erode - 638 052

Copy to :

1. The Head, Department of Electrical and Electronics Engineering, Nandha Engineering College, Erode - 638 052
2. Dr. A.Sheela, Associate Professor, Department of Electrical & Electronics Engineering, The Kavery Engineering College, Salem 636453
3. Dr.R.Shivakumar, Professor, Department of Electrical and Electronics Engineering, Sona College of Technology, Salem - 636 005 (for information).
4. Dr.M.Sudhakaran, Professor, Department of Electrical and Electronics Engineering, Puducherry Technological University, Pondicherry - 605 014 (for information).
5. Mr/Ms.Revathi, research scholar, 1593Co-OperativeColonyStreet,Mohanur Road, -637001  
PH:9944156579

*Shyam*  
11/01/24  
DIRECTOR

*S/S*  
8/1/24

*S/S*  
2/1/24





# CENTRE FOR RESEARCH

ANNA UNIVERSITY  
CHENNAI - 600 025



Dr. C.UMARANI  
DIRECTOR

Telephone : +91 44 2235 7356/2235 6361  
Fax : +91 44 2229 1213  
Email : [dirresearch@annauniv.edu](mailto:dirresearch@annauniv.edu)  
[dirresearch@annauniv.edu](mailto:dirresearch@annauniv.edu)



Lr. No. 21143691153/Ph.D./AR11

Date : 11.01.2024

Sub : Ph.D. Programme – Mr/Ms. S.Karthikkumar, research scholar – Nomination  
of Research Co-ordinator - Orders – Issued.

Ref : 1. This office proceedings of even number Dated: 19.01.2021

2. Letter Dtd: 04.01.2024 - from the Research Scholar Mr/Ms. Karthikkumar duly forwarded  
by Supervisor and Head of the Department.

3. VC Note Order Dated: 20.09.2019

\*\*\*\*\*

**Dr.G Ramani** Professor, Department of Electrical and Electronics Engineering, Nandha Engineering College, Erode - 638 052, has been nominated as **Research Co-ordinator** for the research scholar, **Mr/Ms.S.Karthikkumar** only to take care of the administrative and research responsibilities due to the following reason,

The scholar's Supervisor **Dr.A.Sheela** is working with Department of Electrical & Electronics Engineering, The Kavery Engineering College, Salem which is non recognized research centre.

To  
Dr.G Ramani  
Professor  
Department of Electrical and Electronics Engineering  
Nandha Engineering College, Erode - 638 052

Copy to :

1. The Head, Department of Electrical and Electronics Engineering, Nandha Engineering College, Erode - 638 052
2. Dr. A.Sheela, Associate Professor, Department of Electrical & Electronics Engineering, The Kavery Engineering College, Salem 636453
3. Dr.V.P.Sakthivel, Assistant Professor, Department of Electrical and Electronics Engineering, Government college of Engineering, Dharmapuri - 636 704 (for information).
4. Dr.K.R.M.Vijaya Chandrakala, Assistant Professor, Department of Electrical and Electronics Engineering, Amrita School of Engineering, Coimbatore - 641 112 (for information).
5. Mr/Ms.Karthikkumar, research scholar, 1148PalladamRoad,Mangalam Po,Tiruppur -641663  
PH:9894934680

*Dr. C. Umarani*  
11/1/24  
DIRECTOR

*V.P. Sakthivel*

*Dr. A. Sheela*  
8/1/24

*Dr. K.R.M. Vijaya Chandrakala*







# CENTRE FOR RESEARCH

ANNA UNIVERSITY  
CHENNAI - 600 025



Dr. C.UMARANI  
DIRECTOR

Telephone : +91-44-2235 7366/2235 6161  
Fax : +91-44-2229 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Lr. No. 21143691115/Ph.D./AR11

Date : 11.01.2024

Sub : Ph.D. Programme – Mr/Ms. V.Gowri Shankar, research scholar – Nomination  
of Research Co-ordinator - Orders – Issued.

- Ref : 1. This office proceedings of even number Dated: 19.01.2021  
2. Letter Dtd: 04.01.2024 - from the Research Scholar Mr/Ms. Gowri Shankar duly forwarded  
by Supervisor and Head of the Department.  
3. VC Note Order Dated: 20.09.2019

\*\*\*\*\*

**Dr.G Ramani**, Professor, Department of Electrical and Electronics Engineering, Nandha Engineering College, Erode - 638 052, has been nominated as **Research Co-ordinator** for the research scholar, **Mr/Ms.V.Gowri Shankar** only to take care of the administrative and research responsibilities due to the following reason,

The scholar's Supervisor **Dr.A.Sheela** is working with Department of Electrical & Electronics Engineering, The Kavary Engineering College, Salem which is non recognized research centre.

To  
Dr.G Ramani  
Professor  
Department of Electrical and Electronics Engineering  
Nandha Engineering College, Erode - 638 052

Copy to :

1. The Head, Department of Electrical and Electronics Engineering, Nandha Engineering College, Erode - 638 052
2. Dr. A.Sheela, Associate Professor, Department of Electrical & Electronics Engineering, The Kavary Engineering College, Salem 636453
3. Dr.M.Vijayakumar, Professor, Department of Electrical and Electronics Engineering, KSR College of Engineering, Tiruchengode - 637 215 (for information).
4. Dr.P.Ponnambalam, Associate Professor, School of Electrical Engineering, Vellore Institute of Technology, Vellore - 632 014 (for information).
5. Mr/Ms.Gowri Shankar, research scholar, 3666VishnuNagar,Perundurai Rs Road,Perundurai -638052 PH:9790683525

*Dr. G. Ramani*  
11/1/24  
DIRECTOR

*V/S*  
*f*

*B*  
8/1/24

*Dr. A. Sheela*  
8/1/2024





# CENTRE FOR RESEARCH

ANNA UNIVERSITY  
CHENNAI - 600 025



Dr. C.UMARANI  
DIRECTOR

Telephone : +91-44-2235 7366/2235 6361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Lr. No. 1613369234/Ph.D./AR11

Date : 08.01.2024

Sub : Ph.D. Programme – Mr/Ms. P.Krishnagandhi, research scholar – Nomination of Research Co-ordinator - Orders – Issued.

- Ref : 1. This office proceedings of even number Dated: 21.03.2016  
2. Letter Dtd: 04.01.2024 - from the Research Scholar Mr/Ms. Krishnagandhi duly forwarded by Supervisor and Head of the Department.  
3. VC Note Order Dated: 20.09.2019

\*\*\*\*\*

**Dr.G Ramani**, Professor, Department of Electrical and Electronics Engineering, Nandha Engineering College, Erode - 638 052, has been nominated as **Research Co-ordinator** for the research scholar, **Mr/Ms.P.Krishnagandhi** only to take care of the administrative and research responsibilities due to the following reason,

The scholar's Supervisor **Dr.A.Sheela** is working with Department of Electrical & Electronics Engineering, The Kavery Engineering College, Salem which is non recognized research centre.

✓ To  
Dr.G Ramani  
Professor  
Department of Electrical and Electronics Engineering  
Nandha Engineering College, Erode - 638 052

*Dr. C. Umarani*  
DIRECTOR  
8/1/24  
*Dr. A. Sheela*  
8/1/24  
*Dr. N. Senthilnathan*  
8/1/24

**Copy to :**

1. The Head, Department of Electrical and Electronics Engineering, Nandha Engineering College, Erode - 638 052
2. Dr. A.Sheela, Associate Professor, Department of Electrical & Electronics Engineering, The Kavery Engineering College, Salem 636 453
3. Dr.N. Senthilnathan, Professor, Department of Electrical and Electronics Engineering, Kongu Engineering College Perundurai, Erode-638052 (for information).
4. Dr.A. Amudha, Professor, Department of Electrical and Electronics Engineering, Karpagam University Coimbatore-641021 (for information).
5. Mr/Ms.Krishnagandhi, research scholar, D No1/9r2/5 :,Senthur Velan Street,Amman Nagar NAMAKKAL-638183 PH:9688321073





CENTRE FOR RESEARCH  
ANNA UNIVERSITY  
CHENNAI - 600 025



Dr. C.UMARANI  
DIRECTOR

Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Date : 16.03.2023

Lr. No: SUPR/AR2

To

Dr. Jamuna P

Associate Professor  
Department of Electrical and Electronics Engineering  
Nandha Engineering College  
Erode-638052

Sir/Madam,

Sub : Ph.D.Programme - Supervisor Recognition - **Approved** - Orders - Issued.  
Ref : Your application for Supervisor Recognition..

\*\*\*\*\*

I am by direction to inform that you are recognized as a Supervisor (Ref.No: 4130018) for guiding Ph.D. scholars of this University under the faculty of Electrical Engineering.

Area of Specialization: "Power Electronics , Renewable Energy"

The functions and responsibilities of the supervisor are described under clause (7) of the Ph.D.regulations of this University and applicable as and when amendments are made to the Regulations from time to time.

*It is to be noted that, "Supervisors working in the recognized R&D Centre of Industries/non-recognized research Departments of Engineering College/Architecture Schools situated within Tamil Nadu shall function only as Joint Supervisor".*

I request you to adhere strictly the Ph.D. regulations (available in <https://cfr.annauniv.edu/research/instructions.php>) when you start guiding the scholars.

Further for any correspondence in future quote 4130018 for reference.

  
DIRECTOR 16/3/23

Copy to:

The Head  
Department of Electrical and Electronics Engineering  
Nandha Engineering College  
Erode-638052



Dr. R. JAYAVEL  
DIRECTOR

CENTRE FOR RESEARCH  
ANNA UNIVERSITY  
CHENNAI - 600 025



Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Date : 30.12.2016

Lr. No: SUPR/27<sup>th</sup>/DB

To

Dr. Manimegalai V

Associate Professor  
Department of Management Studies  
Nandha Engineering College,  
Erode-638052

Sir/Madam,

Sub : Ph.D./M.S. (By Research) Programme - Supervisor Recognition - Orders - Issued.  
Ref : Your application for Supervisor Recognition.

\*\*\*\*\*

I am by direction to inform that you are recognized as a Supervisor (Ref.No: 2980002) for guiding Ph.D. and M.S. (By Research) scholars of this University under the faculty of Management Sciences.

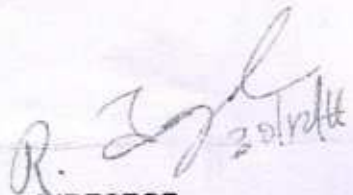
Area of Specialization: "Finance and Marketing"

The functions and responsibilities of the supervisor are described under clause (7) of the Ph.D./M.S. (By Research) regulations of this University and applicable as and when amendments are made to the Regulations from time to time.

*Supervisors working in the recognized R&D Centre of Industries/non-recognized research Departments of Engineering College/Architecture Schools situated within Tamil Nadu shall function only as Joint Supervisor.*

I request you to adhere strictly the regulations (available in <https://cfr.annauniv.edu/research/instructions.php>) when you start guiding scholars.

In all future correspondence quote 2980002 for reference.

  
DIRECTOR

Copy to:

The Head  
Department of Management Studies  
Nandha Engineering College,  
Erode-638052

To

Dr. Manimegalai

Congratulations on the progress made and  
all the best in your supervision  
endeavors.

 (S. ANARAJ N)  
Head/MBA..





பாரதியார் பல்கலைக் கழகம்  
Bharathiar University

சமூக அறிவியல் பரம்ப

FACULTY OF SOCIAL SCIENCES

பாரதியார் பல்கலைக் கழகத்தால் முடிவாக அமைக்கப்பட்ட இலாப நோக்கற்ற  
பாதிபன் கு. 2018 ஆம் ஆண்டு ஆகஸ்ட் 24 ஆம் நாளை மேலாண்மைப்பலம்  
பாதிபன் கு. அறிவிக்கப்பட்டிருக்கிறது. பாதிபன் கு. க்கு மேலாண்மைப்பலம் வழங்கியதில்  
பாதிபன் கு. அறிவிக்கப்பட்டிருக்கிறது. பாதிபன் கு. க்கு மேலாண்மைப்பலம் வழங்கியதில்  
பாதிபன் கு. அறிவிக்கப்பட்டிருக்கிறது. பாதிபன் கு. க்கு மேலாண்மைப்பலம் வழங்கியதில்

The Syllabus of the Bharathiar University hereby notify that the **PARTHIBAN K**  
has been awarded in the Degree of **DOCTOR OF PHILOSOPHY** in **MANAGEMENT**,  
having been certified by duly appointed Examiners to be qualified to receive the same on 24th AUGUST 2018.

Under official part issue made  
Given under the Seal of the University.



செயலாளர்  
Controller  
of Examinations

*[Signature]*  
செயலாளர் (சமூக அறிவியல்)

*[Signature]*  
பதிவுகாரர்  
Registrar (S)

*[Signature]*  
மேலாண்மைப்பலம்  
for Vice-Chancellor

Dated 26th February 2018 Controller of Examinations (S)  
ISSUED ON 26 APR 2018



பாரதியார் பல்கலைக்கழகம்  
BHARATHIAR UNIVERSITY

சமூக அறிவியல் புலம்  
FACULTY OF SOCIAL SCIENCES

பாரதியார் பல்கலைக்கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு அருளினி கே, 2024ஆம் ஆண்டு ஏப்ரல் 6ல் 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 ARULINI 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 6th APRIL 2024.

Title of the Thesis : Emotional Intelligence on Career Self-Efficacy, Career Success and Effective Leadership through Organizational Climate with Reference to Faculty of Engineering Colleges in Erode District

Subject : MANAGEMENT

Given under the seal of the University




கோயம்புத்தூர்  
Coimbatore

நாள்

Dated: 14<sup>th</sup> October 2024.

amphd0527-19

  
தேர்வாளர் (பொ)  
Controller of Examinations i/c

  
பதிவாளர் (பொ)  
Registrar i/c



  
துணைவேந்தருக்காக  
for Vice-Chancellor





**CENTRE FOR RESEARCH**  
**ANNA UNIVERSITY**  
**CHENNAI 600 025**

Telephone : + 91-44-2235 0361  
              : + 91-44-2235 7025  
              : + 91-44-2235 7027  
Fax : + 91-44-2220 1213  
Email : dirresearch@annauniv.edu  
          dirresearch@gmail.com

**Dr.USHA NATESAN**  
**DIRECTOR**

**Lr.No: SUPR/21<sup>st</sup> RB/ DB**

**Dated: 30.05.2013**

To

**Dr.EASWARAMOORTHY M**

Associate Professor, Department of Mechatronics Engineering,  
K.S.Rangasamy College of Technology,  
Tiruchengode, Namakkal – 637 215

Sir/Madam,

**Sub:** Ph.D./M.S. (By Research) Programme – Supervisor Recognition – Orders – Issued.

**Ref:** Res. No.21.04 of the 21<sup>st</sup> Research Board Meeting held on 20.05.2013.

\*\*\*\*\*

I am by direction to inform that you are recognized as a Supervisor (**Ref.No. 21.02.11**) for guiding Ph.D. and M.S. (By Research) scholars of this University under the faculty of **Mechanical Engineering.**

**Area of Specialization: "Production Engineering."**

The functions and responsibilities of the supervisor are described under clause (7) of the Ph.D./M.S. (By Research) regulations of this University and applicable as and when amendments are made to the Regulations from time to time.

*Supervisors working in the recognized R&D Centre of Industries/non-recognized research Departments of Engineering College/Architecture Schools situated within Tamil Nadu shall function only as Joint Supervisor.*

I am herewith enclosing Ph.D. and M.S (By Research) Regulations for your reference. I request you to adhere strictly the regulations when you start guiding scholars.

In all future correspondence quote **21.02.11** for reference.

*S. Srinivasan*  
**DIRECTOR**

**Encl** : Ph.D. and M.S. (By Research) Regulations

**Copy to** : Head of the Department / Institution



CENTRE FOR RESEARCH  
ANNA UNIVERSITY  
CHENNAI - 600 025



Dr. C.UMARANI  
DIRECTOR

Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Date : .2022

Lr.No.CFR/Ph.D./Admn/JAN/2022

To

Dr.M.Easwaramoorthi  
Professor

Department of Mechanical Engineering  
Nandha Engineering College (Autonomous)  
Erode - Perundurai Main Road Erode - 638 052

Sub : Ph.D. Programme - Provisional Registration - Order - Issued.

Ref : Res. No. 38.4.01 of the 38<sup>th</sup> Research Board Meeting held on 19.01.2022

\*\*\*\*

I am to inform that **Mr.Suresh M** is permitted to register provisionally for Ph.D. programme as Part-Time scholar in the Faculty of Mechanical Engineering of Anna University, Chennai during January 2022 session under your guidance.


Topic of Research: **STUDIES ON TRIBOLOGICAL AND CORROSION BEHAVIOR OF 3D PRINTED AL ALLOYS**

The Research Scholar may be instructed to submit the Enrolment Form (accessed through the website <https://cfr.annauniv.edu/scholars/>) within a period of 15 days from the date of issue of this order. The research scholar should submit the Semester Progress Report and Registration Renewal Form in the prescribed format at the time of payment of regular semester fee, every semester.

The 50% of the programme fee paid will be refunded, if the candidate withdraws his/her admission within 30 days from the date of payment of fee and thereafter caution deposit only will be refunded in full, subject to conditions.

The Registration Number of the research scholar is **22132691119**.

In all future correspondence quote "22132691119/Ph.D./AR9" as reference. The research scholar will be governed by the "Regulations for Ph.D. Programme" of this University and any amendments are made to the Regulations from time to time.

  
DIRECTOR

To

1. Individual.
2. The Head of the Department / Director of the Centre.
3. The Head of the Institution of the scholar.



BB  
7/2/22





CENTRE FOR RESEARCH  
ANNA UNIVERSITY  
CHENNAI - 600 025



Dr. C.UMARANI  
DIRECTOR

Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Procs. No.22132691119/Ph.D./AR9

Date : .2022

Sub : Ph.D. Programme – Mr.Suresh M, Research Scholar – Constitution of Doctoral Committee –  
Orders – Issued.

Ref : This office Lr.No.CR / Ph.D. / Admn /JAN/2022, dated: 07.02.2022.

\*\*\*\*

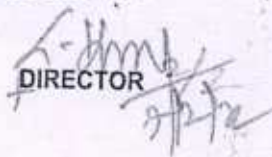
**Mr.Suresh M** has been granted provisional registration for Ph.D. Programme under the guidance of Dr.M.Easwaramoorthi vide reference cited. Accordingly a Doctoral Committee has been constituted comprising of the following members as required in the Clause 12.1 of Ph.D. Regulations.

- Dr.M.Easwaramoorthi, Professor**  
Department of Mechanical Engineering  
Nandha Engineering College (Autonomous)  
Erode - Perundurai Main Road, Erode - 638 052  
Supervisor/  
Convener
- Dr.Rajesh Ranganathan, Professor**  
Department of Mechanical Engineering  
Coimbatore Institute of Technology Coimbatore -641 014  
Member
- Dr.M Arivarasu, Associate Professor**  
Centre for Innovative Manufacturing Research  
Vellore Institute of Technology Vellore -632 014  
Member

The Doctoral Committee shall meet within 3 weeks from the date of receipt of this communication to prescribe course works to the scholar as per clause 13.1 of Ph.D. Regulations. The Meetings of the Doctoral Committee shall be informed to the Director (Research) and Head of the Department/Director of the Centre well in advance. The minutes of the meetings / any other communications should be forwarded by the respective Head of the Department/Director of the Centre of the Supervisor.

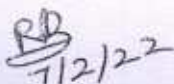
The research scholar shall have a CGPA of 7.00 in the course works in order to become eligible for comprehensive examination. A pass in the comprehensive examination is required for the confirmation of Ph.D. Registration.

The Committee shall function as per rules of the Ph.D. Regulations. Sitting Fee, TA / Conveyance to attend the Doctoral committee meetings shall be paid as per the norms. The Supervisor/ Convener shall convene the meeting of the Doctoral Committee and send the progress report periodically. As per Clause 6.4 "The Scholar, Supervisor, Doctoral Committee Members and Examiners shall not be relatives to one another".

  
DIRECTOR

To  
The Supervisor  
Copy to : All Members



  
7/2/22





**CENTRE FOR RESEARCH**  
ANNA UNIVERSITY  
CHENNAI - 600 025



**Dr. C.UMARANI**  
DIRECTOR

Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Date : 19-12-2023

Lr.No.CFR/Ph.D./Admn/JAN/2024 /AR9

To

**Dr.M.Easwaramoorthi**

Professor

Department of Mechanical Engineering

Nandha Engineering College (Autonomous)

Perundurai Main Road, Erode - 638052

Sub : Ph.D. Programme - Provisional Registration - Order - Issued.

Ref : Res. No. 42.4.01 of the 42<sup>nd</sup> Research Board Meeting held on 28.11.2023

\*\*\*\*

I am to inform that **Mr.Santhosh M** is permitted to register provisionally for Ph.D. programme as **Full-Time** scholar in the Faculty of **Mechanical Engineering** of Anna University, Chennai during **January 2024** session under your guidance.

Topic of Research: **CHARACTERIZATION OF Ti6242 FORGED ALLOY FOR HOT WEAR, EROSION AND CORROSION RESISTANCE OF ELEVATED TEMPERATURES UNDER VARIOUS HEAT-TREATED CONDITIONS**

The Registration Number of the research scholar is **24142691194** and in all future correspondence quote "24142691194/Ph.D./AR9" as reference.

The research scholar will be governed by the "Regulations for Ph.D. Programme" of this University and any amendments made to the Regulations from time to time. The research scholar should complete the Semester Progress Report at the time of payment of regular semester fee, every semester.

The 50% of the programme fee paid will be refunded, if the candidate withdraws his/her admission within 30 days from the date of payment of fee and thereafter caution deposit only will be refunded in full, subject to conditions.

*Santhosh M*  
19/12/2023

19-12-2023  
for DIRECTOR

To

1. Individual.
2. The Head of the Department / Director of the Centre.





**CENTRE FOR RESEARCH**  
ANNA UNIVERSITY  
CHENNAI - 600 025



**Dr. C.UMARANI**  
**DIRECTOR**

Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Date : 19-12-2023

Lr.No.CFR/Ph.D./Admn/JAN/2024 /AR9

To  
Dr.M.Easwaramoorthi  
Professor  
Department of Mechanical Engineering  
Nandha Engineering College (Autonomous)  
Perundurai Main Road, Erode - 638052

Sub : Ph.D. Programme - Provisional Registration - Order - Issued.

Ref : Res. No. 42.4.01 of the 42<sup>nd</sup> Research Board Meeting held on 28.11.2023

\*\*\*\*

I am to inform that **Ms.Pratheebha S** is permitted to register provisionally for Ph.D. programme as Full-Time scholar in the Faculty of Mechanical Engineering of Anna University, Chennai during January 2024 session under your guidance.

Topic of Research: **DESIGN AND DEVELOPMENT OF MANUFACTURING SYSTEM FOR NOVEL THERMO-ELECTRIC GENERATOR(TEG)**

The Registration Number of the research scholar is **24242691207** and in all future correspondence quote "24242691207/Ph.D./AR9" as reference.

The research scholar will be governed by the "Regulations for Ph.D. Programme" of this University and any amendments made to the Regulations from time to time. The research scholar should complete the Semester Progress Report at the time of payment of regular semester fee, every semester.

The 50% of the programme fee paid will be refunded, if the candidate withdraws his/her admission within 30 days from the date of payment of fee and thereafter caution deposit only will be refunded in full, subject to conditions.

*Ulam*  
19/12/2023

19-12-2023  
for **DIRECTOR**

To  
1. Individual.  
2. The Head of the Department / Director of the Centre.



CENTRE FOR RESEARCH  
ANNA UNIVERSITY  
CHENNAI - 600 025



Dr. K.P. JAYA  
DIRECTOR

Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Date : 20.09.2021

Lr.No.CFR/Ph.D./Admn/JUL/2021

To  
Dr. M. Easwaramoorthi

Professor  
Department of Mechanical Engineering  
Nandha Engineering College  
Perundurai Main Road, Erode - 638 052

Sub : Ph.D. Programme - Provisional Registration - Order - Issued.

Ref : Res. No. 37.06 of the 37<sup>th</sup> Research Board Meeting held on 16.08.2021

\*\*\*\*

I am to inform that Ms. Sandhiyadevi P is permitted to register provisionally for Ph.D. programme as Part-Time scholar in the Faculty of Mechanical Engineering of Anna University, Chennai during JUL 2021 session under your guidance.

Topic of Research: REFINEMENT AND DEVELOPMENT OF IN-SITU PYROLYTIC REACTOR FOR BIOCHEMICAL PRODUCTION FROM BIOMASS

The Research Scholar may be instructed to submit the Enrolment Form (accessed through the website <https://cfr.annauniv.edu/scholars/>) within a period of 15 days from the date of issue of this order. The research scholar should submit the Semester Progress Report and Registration Renewal Form in the prescribed format at the time of payment of regular semester fee, every semester.

The 50% of the programme fee paid will be refunded, if the candidate withdraws his/her admission within 30 days from the date of payment of fee and thereafter caution deposit only will be refunded in full, subject to conditions.

The Registration Number of the research scholar is 21242697230.

In all future correspondence quote "21242697230/Ph.D./AR9" as reference. The research scholar will be governed by the "Regulations for Ph.D. Programme" of this University and any amendments are made to these Regulations from time to time.

*[Handwritten Signature]*  
DIRECTOR  
20/9/21

- To
1. Individual,
  2. The Head of the Department / Director of the Centre.
  3. The Head of the Institution of the scholar.

*[Handwritten Signature]*  
20/9/21





CENTRE FOR RESEARCH  
ANNA UNIVERSITY  
CHENNAI - 600 025



Dr. C.UMARANI  
DIRECTOR

Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Lr.No.21242697230/Ph.D./AR15

Date : 02.08.2022

Sub : Ph.D. Programme –Mr./Ms.P Sandhiyadevi, Research Scholar – Confirmation - Orders - Issued.

- Ref : 1. This Office.Lr.No.CR/Ph.D./Admn/JUL/2021 Dtd: 20.09.2021.  
2. Letter Dtd: 25.07.2022 from Dr.M.Easwaramoorthi, Professor, Department of Mechanical Engineering, Nandha Engineering College,Perundurai Main Road,Erode 638 052

\*\*\*\*

The Provisional registration granted to Mr/Ms.P Sandhiyadevi to pursue Ph.D. Programme in this University vide ref. 1<sup>st</sup> cited is confirmed. The research scholar is permitted to proceed further with the research work as recommended by the Doctoral Committee constituted for the Research Scholar under the Faculty of Mechanical Engineering.

*[Signature]*  
DIRECTOR

To  
Dr.M Easwaramoorthi  
Professor  
Department of Mechanical Engineering  
Nandha Engineering College Perundurai Main Road,  
Erode 638 052

Copy to :

The Head/Director  
Department of Mechanical Engineering  
Nandha Engineering College Perundurai Main Road,  
Erode 638 052

Mr./Ms.P Sandhiyadevi, Research Scholar through the Supervisor Dr.M Easwaramoorthi

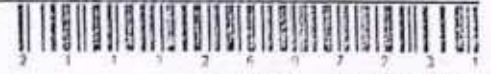


CENTRE FOR RESEARCH  
ANNA UNIVERSITY  
CHENNAI - 600 025



Dr. K.P. JAYA  
DIRECTOR

Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Lr.No.CFR/Ph.D./Admn/JUL/2021

Date : 20.09.2021

To  
Dr.M.Eswaramoorthi  
Professor  
Department of Mechanical Engineering  
Nandha Engineering College  
Erode - 638 052

Sub : Ph.D. Programme - Provisional Registration - Order - Issued.

Ref : Res. No. 37.06 of the 37<sup>th</sup> Research Board Meeting held on 16.08.2021

\*\*\*\*

I am to inform that **Mr.Pradeep Kumar K** is permitted to register provisionally for Ph.D. programme as **Part-Time** scholar in the Faculty of **Mechanical Engineering** of Anna University, Chennai during **JULY 2021** session under your guidance.

Topic of Research: **INVESTIGATION AND DEVELOPMENT OF HIGH EFFICIENT COMBUSTION SYSTEM RETROFIT WITH STEAM GENERATOR FOR TURMERIC BOILING**

The Research Scholar may be instructed to submit the Enrolment Form (accessed through the website <https://cfr.annauniv.edu/scholars/>) within a period of 15 days from the date of issue of this order. The research scholar should submit the Semester Progress Report and Registration Renewal Form in the prescribed format at the time of payment of regular semester fee, every semester.


The 50% of the programme fee paid will be refunded, if the candidate withdraws his/her admission within 30 days from the date of payment of fee and thereafter caution deposit only will be refunded in full, subject to conditions.

The Registration Number of the research scholar is **21132697231**.

In all future correspondence quote "**21132697231/Ph.D./AR9**" as reference. The research scholar will be governed by the "Regulations for Ph.D. Programme" of this University and any amendments are made to the Regulations from time to time.

DIRECTOR

- To
1. Individual.
  2. The Head of the Department / Director of the Centre.
  3. The Head of the Institution of the scholar.

  
20/09/2021





CENTRE FOR RESEARCH  
ANNA UNIVERSITY  
CHENNAI - 600 025



Dr. K.P. JAYA  
DIRECTOR

Telephone : +91-44-2235 7366/2235 0351  
Fax : +01-44-2220 1 213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Procs. No.21132697231/Ph.D./AR9

Date : 20.09.2021

Sub : Ph.D. Programme – Mr.Pradeep Kumar K, Research Scholar – Constitution of Doctoral Committee – Orders – Issued.

Ref : This office Lr.No.CR / Ph.D. / Admn /JUL/2021/ dated: 20.09.2021.

\*\*\*\*

**Mr.Pradeep Kumar K** has been granted provisional registration for Ph.D. Programme under the guidance of Dr.M.Eswaramoorthi vide reference cited. Accordingly a Doctoral Committee has been constituted comprising of the following members as required in the Clause 12.1 of Ph.D. Regulations.

1. **Dr.M.Eswaramoorthi, Professor**  
Department of Mechanical Engineering  
Nandha Engineering College  
Erode - 638 052  
Supervisor/  
Convener
2. **Dr.R. Senthil raja, Assistant Professor**  
Department of Mechanical Engineering  
Institute of Road and Transport Technology  
Erode - 638 316  
Member
3. **Dr.V. Arul Mozhi Selvan, Associate Professor**  
Department of Mechanical Engineering  
National Institute of Technology  
Tiruchirappalli - 620 015  
Member


The Doctoral Committee shall meet within 3 weeks from the date of receipt of this communication to prescribe course works to the scholar as per clause 13.1 of Ph.D. Regulations. The Meetings of the Doctoral Committee shall be informed to the Director (Research) and Head of the Department/Director of the Centre well in advance. The minutes of the meetings / any other communications should be forwarded by the respective Head of the Department/Director of the Centre of the Supervisor.

The research scholar shall have a CGPA of 7.00 in the course works in order to become eligible for comprehensive examination. A pass in the comprehensive examination is required for the confirmation of Ph.D. Registration.

The Committee shall function as per rules of the Ph.D. Regulations. Sitting Fee, TA / Conveyance to attend the Doctoral committee meetings shall be paid as per the norms. The Supervisor/ Convener shall convene the meeting of the Doctoral Committee and send the progress report periodically. As per Clause 6.4 "The Scholar, Supervisor, Doctoral Committee Members and Examiners shall not be relatives to one another".

DIRECTOR

To  
The Supervisor  
Copy to : All Members

  
20/09/2021





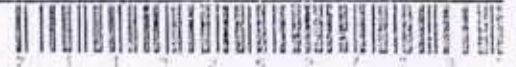
# CENTRE FOR RESEARCH

ANNA UNIVERSITY  
CHENNAI - 600 025



Dr. C.UMARANI  
DIRECTOR

Telephone : +91 44-22235 7369/2235 0451  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Lr.No.21132697231/Ph.D./AR15

Date : 17.06.2022

Sub : Ph.D. Programme –Mr./Ms.K Pradeep Kumar, Research Scholar – Confirmation -  
Orders - Issued.

Ref : 1. This Office.Lr.No.CR/Ph.D./Admn/JUL/2021 Dtd: 20.09.2021.

2. Letter Dtd: 17.06.2022 from Dr.M.Eswaramoorthi, Professor, Department of Mechanical  
Engineering, Nandha Engineering College,Erode 638 052

\*\*\*\*

The Provisional registration granted to **Mr./Ms.K Pradeep Kumar** to pursue Ph.D. Programme in this University vide ref. 1<sup>st</sup> cited is confirmed. The research scholar is permitted to proceed further with the research work as recommended by the Doctoral Committee constituted for the Research Scholar under the Faculty of Mechanical Engineering.

DIRECTOR

To  
Dr.M Eswaramoorthi  
Professor  
Department of Mechanical Engineering  
Nandha Engineering College  
Erode 638 052

Copy to :

The Head/Director  
Department of Mechanical Engineering  
Nandha Engineering College  
Erode 638 052

Mr./Ms.K Pradeep Kumar, Research Scholar through the Supervisor Dr.M Eswaramoorthi

Mr. K. Pradeep Kumar

*(Signature)*  
17/06/22





CENTRE FOR RESEARCH  
ANNA UNIVERSITY  
CHENNAI - 600 025



Dr. C.UMARANI  
DIRECTOR

Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Date : 04.03.2022

Lr. No: SUPR/AR2

To

Dr. Muthukumar M  
Associate Professor  
Department of Mechanical Engineering  
Nandha Engineering College  
Erode-638052

R&D co-ordinator

*[Signature]*  
7/3/22

Sir/Madam,

Sub : Ph.D.Programme - Supervisor Recognition - Approved - Orders - Issued.  
Ref : Your application for Supervisor Recognition.

\*\*\*\*\*

I am by direction to inform that you are recognized as a Supervisor ( Ref.No: 3920001 ) for guiding Ph.D. scholars of this University under the faculty of Mechanical Engineering.

Area of Specialization: "Mechanical, Fuelcells, Fuels, Energy"

The functions and responsibilities of the supervisor are described under clause (7) of the Ph.D.regulations of this University and applicable as and when amendments are made to the Regulations from time to time.

*It is to be noted that, "Supervisors working in the recognized R&D Centre of Industries/non-recognized research Departments of Engineering College/Architecture Schools situated within Tamil Nadu shall function only as Joint Supervisor".*

I request you to adhere strictly the Ph.D. regulations (available in <https://cfr.annauniv.edu/research/instructions.php> ) when you start guiding the scholars.

Further for any correspondence in future quote 3920001 for reference.

*[Signature]*  
DIRECTOR  
4/3/22

Copy to:

The Head  
Department of Mechanical Engineering  
Nandha Engineering College  
Erode-638052

*[Signature]*  
A/3/22



**CENTRE FOR RESEARCH**  
ANNA UNIVERSITY  
CHENNAI - 600 025



**Dr. C.UMARANI**  
DIRECTOR

Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Date : 19-12-2023

Lr.No.CFR/Ph.D./Admn/JAN/2024 /AR9

To

**Dr.M.Muthukumar**  
Professor

Department of Mechanical Engineering  
Nandha Engineering College  
Vaikkaalmedu, Erode - 638 052

Sub : Ph.D. Programme - Provisional Registration - Order - Issued.

Ref : Res. No. 42.4.01 of the 42<sup>nd</sup> Research Board Meeting held on 28.11.2023

\*\*\*\*

I am to inform that **Mr.Deeparaj E** is permitted to register provisionally for Ph.D. programme as **Part-Time** scholar in the Faculty of **Mechanical Engineering** of Anna University, Chennai during **January 2024** session under your guidance.

Topic of Research: **INVESTIGATIONS ON THE PERFORMANCE ENHANCEMENT OF PROTON EXCHANGE MEMBRANE FUEL CELL WITH NOVEL FLOW FIELD DESIGN**

The Registration Number of the research scholar is **24142691122** and in all future correspondence quote "24142691122/Ph.D./AR9" as reference.

The research scholar will be governed by the "Regulations for Ph.D. Programme" of this University and any amendments made to the Regulations from time to time. The research scholar should complete the Semester Progress Report at the time of payment of regular semester fee, every semester.

The 50% of the programme fee paid will be refunded, if the candidate withdraws his/her admission within 30 days from the date of payment of fee and thereafter caution deposit only will be refunded in full, subject to conditions.

*Annam*  
19/12/2023

19-12-2023  
for **DIRECTOR**

To

1. Individual.
2. The Head of the Department / Director of the Centre.
3. The Head of the Institution of the scholar.





CENTRE FOR RESEARCH  
ANNA UNIVERSITY  
CHENNAI - 600 025



Dr. C.UMARANI  
DIRECTOR

Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Date : 11.07.2023

Lr.No.CFR/Ph.D./Admn/JUL/2023

To

Dr.M.Muthukumar  
Professor

Department of Mechanical Engineering  
Nandha Engineering College,  
Vaikkaalmedu, Erode - 638 052

R&D  
Co-ordinator  
5/2  
11/07/23

Sub: Ph.D. Programme - Provisional Registration - Order - Issued.

Ref: Res. No. 41.4.01 of the 41<sup>st</sup> Research Board Meeting held on 10.06.2023

\*\*\*\*

I am to inform that **Mr.Velmurugan T** is permitted to register provisionally for Ph.D. programme as Part-Time scholar in the Faculty of Mechanical Engineering of Anna University, Chennai during JULY 2023 session under your guidance.

Topic of Research: INVESTIGATIONS ON THE PERFORMANCE IMPROVEMENT OF POLYMER ELECTROLYTE MEMBRANE FUEL CELL FOR WITH BETTER WATER AND THERMAL MANAGEMENT

The Research Scholar may be instructed to submit the Enrolment Form (accessed through the website <https://cfr.annauniv.edu/scholars/>) within a period of 15 days from the date of issue of this order. The research scholar should submit the Semester Progress Report and Registration Renewal Form in the prescribed format at the time of payment of regular semester fee, every semester.

The 50% of the programme fee paid will be refunded, if the candidate withdraws his/her admission within 30 days from the date of payment of fee and thereafter caution deposit only will be refunded in full, subject to conditions.

The Registration Number of the research scholar is **23132697221**.

In all future correspondence quote "23132697221/Ph.D./AR15" as reference. The research scholar will be governed by the "Regulations for Ph.D. Programme" of this University and any amendments are made to the Regulations from time to time.

DIRECTOR  
11/07/23

To

1. Individual.
2. The Head of the Department / Director of the Centre.
3. The Head of the Institution of the scholar.

11/07/23



Dr. USHA NATESAN  
DIRECTOR

CENTRE FOR RESEARCH  
ANNA UNIVERSITY  
CHENNAI 600 025

Telephone : + 91-44-2235 0361  
              : + 91-44-2235 7366  
Fax          : + 91-44-2220 1213  
Email : dirresearch@annauniv.edu  
          dirresearch@gmail.com

Lr.No: SUPR/25<sup>th</sup> RB/ DB

Dated: 31.01.2015

To

**Dr.ASHOK KUMAR B**

Associate Professor

Department of Mechanical Engineering

Erode Builder Educational Group of Institutions,

Nathakkadaiyur, Kangayam -638108

Sir/Madam,

**Sub:** Ph.D./M.S. (By Research) Programme – Supervisor Recognition – Orders – Issued.

**Ref:** Your application for Supervisor Recognition.

\*\*\*\*\*

I am by direction to inform that you are recognized as a Supervisor (**Ref.No.2520043**) for guiding Ph.D. and M.S. (By Research) scholars of this University under the faculty of **Mechanical Engineering**.

Area of Specialization: **"Welding Engineering, Composite Materials, Manufacturing Engineering"**

The functions and responsibilities of the supervisor are described under clause (7) of the Ph.D./M.S. (By Research) regulations of this University and applicable as and when amendments are made to the Regulations from time to time.

*Supervisors working in the recognized R&D Centre of Industries/non-recognized research Departments of Engineering College/Architecture Schools situated within Tamil Nadu shall function only as Joint Supervisor.*

I request you to adhere strictly the regulations (available in <https://cfr.annauniv.edu/research/instructions.php>) when you start guiding scholars.

In all future correspondence quote **2520043** for reference.

*Umaprakash*  
DIRECTOR

Copy to : Head of the Department / Institution





**CENTRE FOR RESEARCH**  
ANNA UNIVERSITY  
CHENNAI - 600 025



**Dr. C.UMARANI**  
DIRECTOR

Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Lr.No.CFR/Ph.D./Admn/JAN/2022

To  
**Dr.B.Ashok Kumar**  
Professor  
Department of Mechanical Engineering  
Nandha Engineering College  
Erode - 638 052

Sub : Ph.D. Programme - Provisional Registration - Order - Issued.

Ref : Res. No. 38.4.01 of the 38<sup>th</sup> Research Board Meeting held on 19.01.2022

\*\*\*\*

I am to inform that **Mr.Sivaraj C** is permitted to register provisionally for Ph.D. programme as Part-Time scholar in the Faculty of Mechanical Engineering of Anna University, Chennai during January 2022 session under your guidance.

Topic of Research: **MECHANICAL AND METALLURGICAL CHARACTERIZATION OF FIBER REINFORCED POLYLACTIC ACID COMPOSITE SYNTHESISED BY 3D PRINTING**

The Research Scholar may be instructed to submit the Enrolment Form (accessed through the website <https://cfr.annauniv.edu/scholars/>) within a period of 15 days from the date of issue of this order. The research scholar should submit the Semester Progress Report and Registration Renewal Form in the prescribed format at the time of payment of regular semester fee, every semester.

The 50% of the programme fee paid will be refunded, if the candidate withdraws his/her admission within 30 days from the date of payment of fee and thereafter caution deposit only will be refunded in full, subject to conditions.

The Registration Number of the research scholar is **22142691128**.

In all future correspondence quote "**22142691128/Ph.D./AR9**" as reference. The research scholar will be governed by the "Regulations for Ph.D. Programme" of this University and any amendments are made to the Regulations from time to time.

*T. Kumar*  
DIRECTOR 04/02/22

- To
1. Individual.
  2. The Head of the Department / Director of the Centre.
  3. The Head of the Institution of the scholar.

*S*  
04/02/22

*K. Sivaraj C*  
04/02/22





**CENTRE FOR RESEARCH**  
ANNA UNIVERSITY  
CHENNAI - 600 025



**Dr. C.UMARANI**  
**DIRECTOR**

Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Date : 04.02.2022

Procs. No.22142691128/Ph.D./AR9

Sub : Ph.D. Programme – Mr.Sivaraj C, Research Scholar – Constitution of Doctoral Committee –  
Orders – Issued.

Ref : This office Lr.No.CR / Ph.D. / Admn /JAN/2022, dated: 03.02.2022.

\*\*\*\*

**Mr.Sivaraj C** has been granted provisional registration for Ph.D. Programme under the guidance of Dr.B.Ashok Kumar vide reference cited. Accordingly a Doctoral Committee has been constituted comprising of the following members as required in the Clause 12.1 of Ph.D. Regulations.

- |   |                         |
|---|-------------------------|
| 1. <b>Dr.B.Ashok Kumar, Professor</b><br>Department of Mechanical Engineering<br>Nandha Engineering College<br>Erode - 638 052                                      | Supervisor/<br>Convener |
| 2. <b>Dr.G Rajeshkumar, Associate Professor</b><br>Department of Mechanical Engineering<br>PSG Institute of Technology and Applied Research<br>Coimbatore - 641 062 | Member                  |
| 3. <b>Dr.M Manikandan, Associate Professor</b><br>School of Mechanical Engineering<br>Vellore Institute of Technology<br>Vellore - 632 014                          | Member                  |

The Doctoral Committee shall meet within 3 weeks from the date of receipt of this communication to prescribe course works to the scholar as per clause 13.1 of Ph.D. Regulations. **The Meetings of the Doctoral Committee shall be informed to the Director (Research) and Head of the Department/Director of the Centre well in advance. The minutes of the meetings / any other communications should be forwarded by the respective Head of the Department/Director of the Centre of the Supervisor.**

The research scholar shall have a CGPA of 7.00 in the course works in order to become eligible for comprehensive examination. A pass in the comprehensive examination is required for the confirmation of Ph.D. Registration.

The Committee shall function as per rules of the Ph.D. Regulations. Sitting Fee, TA / Conveyance to attend the Doctoral committee meetings shall be paid as per the norms. The Supervisor/ Convener shall convene the meeting of the Doctoral Committee and send the progress report periodically. As per Clause 6.4 "The Scholar, Supervisor, Doctoral Committee Members and Examiners shall not be relatives to one another".

  
DIRECTOR  
4/2/22

To  
The Supervisor  
Copy to : All Members

8  
04/02/22

  
4/2/22





CENTRE FOR RESEARCH  
ANNA UNIVERSITY  
CHENNAI - 600 025



Dr. C.UMARANI  
DIRECTOR

Telephone : +91-44-2235 7386/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Date : 11.2.2022

Lr.No.CFR/Ph.D./Admin/JAN/2022

To

Dr.B.Ashok Kumar

Professor

Department of Mechanical Engineering

Nandha Engineering College

Erode - 638052

Sub : Ph.D. Programme - Provisional Registration - Order - Issued.

Ref : Res. No. 38.4.01 of the 38<sup>th</sup> Research Board Meeting held on 19.01.2022

\*\*\*\*

I am to inform that Ms.Vimala V is permitted to register provisionally for Ph.D. programme as Part-Time scholar in the Faculty of Mechanical Engineering of Anna University, Chennai during January 2022 session under your guidance.

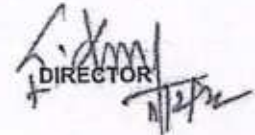
Topic of Research: MECHANICAL AND METALLURGICAL CHARACTERIZATION OF DIFFUSION BONDED DISSIMILAR METAL JOINT

The Research Scholar may be instructed to submit the Enrolment Form (accessed through the website <https://cfr.annauniv.edu/scholars/>) within a period of 15 days from the date of issue of this order. The research scholar should submit the Semester Progress Report and Registration Renewal Form in the prescribed format at the time of payment of regular semester fee, every semester.

The 50% of the programme fee paid will be refunded, if the candidate withdraws his/her admission within 30 days from the date of payment of fee and thereafter caution deposit only will be refunded in full, subject to conditions.

The Registration Number of the research scholar is 22272691191.

In all future correspondence quote "22272691191/Ph.D./AR9" as reference. The research scholar will be governed by the "Regulations for Ph.D. Programme" of this University and any amendments are made to the Regulations from time to time.

  
DIRECTOR

To

1. Individual.
2. The Head of the Department / Director of the Centre.
3. The Head of the Institution of the scholar.

  
11/2/22



CENTRE FOR RESEARCH  
ANNA UNIVERSITY  
CHENNAI - 600 025



Dr. C.UMARANI  
DIRECTOR

Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Date 25/02.2022

Procs. No.22272691191/Ph.D./AR9

Sub : Ph.D. Programme – Ms.Vimala V, Research Scholar – Constitution of Doctoral Committee –  
Orders – Issued.

Ref : This office Lr.No.CR / Ph.D. / Admn /JAN/2022, dated: 25.02.2022.

\*\*\*\*

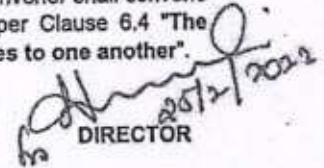
**Ms.Vimala V** has been granted provisional registration for Ph.D. Programme under the guidance of Dr.B.Ashok Kumar vide reference cited. Accordingly a Doctoral Committee has been constituted comprising of the following members as required in the Clause 12.1 of Ph.D. Regulations.

1. **Dr.B.Ashok Kumar, Professor** Supervisor/  
Department of Mechanical Engineering Convener  
Nandha Engineering College  
Erode - 638052
2. **Dr.N.Murugan, Professor** Member  
Department of Robotics and Automation Engineering  
PSG College of Technology  
Coimbatore - 641004
3. **Dr.S.Rajakumar, Professor** Member  
Department of Manufacturing Engineering  
Annamalai University  
Chidambaram - 608002

The Doctoral Committee shall meet within 3 weeks from the date of receipt of this communication to prescribe course works to the scholar as per clause 13.1 of Ph.D. Regulations. The Meetings of the Doctoral Committee shall be informed to the Director (Research) and Head of the Department/Director of the Centre well in advance. The minutes of the meetings / any other communications should be forwarded by the respective Head of the Department/Director of the Centre of the Supervisor.

The research scholar shall have a CGPA of 7.00 in the course works in order to become eligible for comprehensive examination. A pass in the comprehensive examination is required for the confirmation of Ph.D. Registration.

The Committee shall function as per rules of the Ph.D. Regulations. Sitting Fee, TA / Conveyance to attend the Doctoral committee meetings shall be paid as per the norms. The Supervisor/ Convener shall convene the meeting of the Doctoral Committee and send the progress report periodically. As per Clause 6.4 "The Scholar, Supervisor, Doctoral Committee Members and Examiners shall not be relatives to one another".

  
DIRECTOR 25/2/2022

To  
The Supervisor  
Copy to : All Members

  
25/2/22





**CENTRE FOR RESEARCH**  
ANNA UNIVERSITY  
CHENNAI - 600 025



**Dr. C.UMARANI**  
DIRECTOR

Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Date : 07-01-2022

Lr.No.CFR/Ph.D./Admn/JAN/2022

To

**Dr.B.Ashok Kumar**

Professor  
Department of Mechanical Engineering  
Nandha Engineering College(Autonomous)  
Erode - 638052

Sub : Ph.D. Programme - Provisional Registration - Order - Issued.

Ref : Res. No. 38.4.01 of the 38<sup>th</sup> Research Board Meeting held on 19.01.2022

\*\*\*\*

I am to inform that Mr.Viswanathan N is permitted to register provisionally for Ph.D. programme as Part-Time scholar in the Faculty of Mechanical Engineering of Anna University, Chennai during January 2022 session under your guidance.

Topic of Research: **MECHANICAL AND METALLURGICAL PROPERTIES OF FRICTION WELDED DISSIMILAR METALS WITH INTERLAYER TECHNIQUE**

The Research Scholar may be instructed to submit the Enrolment Form (accessed through the website <https://cfr.annauniv.edu/scholars/>) within a period of 15 days from the date of issue of this order. The research scholar should submit the Semester Progress Report and Registration Renewal Form in the prescribed format at the time of payment of regular semester fee, every semester.

The 50% of the programme fee paid will be refunded, if the candidate withdraws his/her admission within 30 days from the date of payment of fee and thereafter caution deposit only will be refunded in full, subject to conditions.

The Registration Number of the research scholar is 22132691151.

In all future correspondence quote "22132691151/Ph.D./AR9" as reference. The research scholar will be governed by the "Regulations for Ph.D. Programme" of this University and any amendments are made to the Regulations from time to time.

*[Signature]*  
DIRECTOR

To

1. Individual.
2. The Head of the Department / Director of the Centre.
3. The Head of the Institution of the scholar.

*[Signature]*  
Banda

*[Signature]*



**CENTRE FOR RESEARCH**  
ANNA UNIVERSITY  
CHENNAI - 600 025



**Dr. C.UMARANI**  
DIRECTOR

Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Date : 15.02.2022

Procs. No.22132691151/Ph.D./AR9

Sub : Ph.D. Programme – Mr.Viswanathan N, Research Scholar – Constitution of Doctoral Committee –  
Orders – Issued.

Ref : This office Lr.No.CR / Ph.D. / Admn /JAN/2022, dated: 12.02.2022.

\*\*\*\*

**Mr.Viswanathan N** has been granted provisional registration for Ph.D. Programme under the guidance of Dr.B.Ashok Kumar vide reference cited. Accordingly a Doctoral Committee has been constituted comprising of the following members as required in the Clause 12.1 of Ph.D. Regulations.

- |  |                         |
|--|-------------------------|
| 1. <b>Dr.B.Ashok Kumar, Professor</b><br>Department of Mechanical Engineering<br>Nandha Engineering College<br>Erode - 638052            | Supervisor/<br>Convener |
| 2. <b>Dr.R.Sathiskumar, Professor</b><br>Department of Mechanical Engineering<br>Coimbatore Institute of Technology<br>Coimbatore-641014 | Member                  |
| 3. <b>Dr.S.Rajakumar, Professor</b><br>Department of Manufacturing Engineering<br>Annamalai University<br>Chidambaram-608002             | Member                  |

The Doctoral Committee shall meet within 3 weeks from the date of receipt of this communication to prescribe course works to the scholar as per clause 13.1 of Ph.D. Regulations. **The Meetings of the Doctoral Committee shall be informed to the Director (Research) and Head of the Department/Director of the Centre well in advance. The minutes of the meetings / any other communications should be forwarded by the respective Head of the Department/Director of the Centre of the Supervisor.**

The research scholar shall have a GGPA of 7.00 in the course works in order to become eligible for comprehensive examination. A pass in the comprehensive examination is required for the confirmation of Ph.D. Registration.

The Committee shall function as per rules of the Ph.D. Regulations. Sitting Fee, TA / Conveyance to attend the Doctoral committee meetings shall be paid as per the norms. The Supervisor/ Convener shall convene the meeting of the Doctoral Committee and send the progress report periodically. As per Clause 6.4 "The Scholar, Supervisor, Doctoral Committee Members and Examiners shall not be relatives to one another".

DIRECTOR  
15/2/22

To  
The Supervisor  
Copy to : All Members

Dr





CENTRE FOR RESEARCH  
ANNA UNIVERSITY  
CHENNAI - 600 025



Dr. C.UMARANI  
DIRECTOR

Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Lr.No.21142691276/Ph.D./AR9

Date : 12.10.2021

Sub : Ph.D. Programme - **Mr.M.Mohanraju** Research Scholar - Change of Supervisor - Orders - Issued.

Ref : 1.This Office Proceedings of even number Dtd: 30.01.2021.  
2.Letter Dtd: 01.10.2021 - from Research Scholar, duly forwarded by the Supervisor and Head.

....

Under the circumstances stated in the reference 2<sup>nd</sup> cited, **Dr.B.Ashok Kumar** Professor, Department of Mechanical Engineering, Nandha Engineering College, Erode-638 052 has been nominated as Supervisor in the place of **Dr. S M.Raj Kumar** in respect of the Research Scholar **Mr.M.Mohanraju**.

Clause 8.9 of Ph.D. Regulation reads

"If change of Supervisor is approved, the scholar has to work for a minimum of one year with the new Supervisor and Synopsis shall be accepted only when the scholar has published atleast one journal publication (as applicable) with new Supervisor."

*f. V. Mala.*  
12/10/21  
DIRECTOR

To  
Dr.B.Ashok Kumar  
Professor  
Department of Mechanical Engineering  
Nandha Engineering College  
Erode - 638 052

*SP*  
11/10/2021

Copy to :

- 1.The Head / Director, Department of Mechanical Engineering, Nandha Engineering College, Erode - 638 052
- 2.Dr. S M.Raj Kumar, Associate.Professor, Department of Mechanical Engineering, Sri Shakthi Institute of Engineering and Technology, Colmbatore-641 062 , (for information)
- 3.Mr.M Mohanraju, Research scholar through the Supervisor Dr.B Ashok Kumar.





**CENTRE FOR RESEARCH**  
ANNA UNIVERSITY  
CHENNAI - 600 025



Dr. K.P. JAYA  
DIRECTOR

Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Date : 30.01.2021

Procs. No.21142691276/Ph.D./JAR9

Sub : Ph.D. Programme – **Mr.Mohanraju M** Research Scholar – Constitution of Doctoral Committee –  
Orders – Issued.

Ref : This office Lr.No.CR / Ph.D. / Admn /JAN/2021/ dated: 30.01.2021.

\*\*\*\*

Mr.Mohanraju M has been granted provisional registration for Ph.D. Programme under the guidance of Dr.S M.Raj Kumar vide reference cited. Accordingly a Doctoral Committee has been constituted comprising of the following members as required in the Clause 12.1 of Ph.D. Regulations.

1. Dr.S M.Raj Kumar, Associate Professor  
Department of Mechanical Engineering  
Sri Shakthi Institute of Engineering and Technology  
Coimbatore - 641 062  
Supervisor/  
Convener
2. Dr.R Sathiskumar, Assistant Professor  
Department of Mechanical Engineering  
Coimbatore Institute of Technology  
Coimbatore - 641 014  
Member
3. Dr.M Manikandan, Associate Professor  
Department of Mechanical Engineering  
Vellore Institute of Technology  
Vellore - 632 014  
Member

The Doctoral Committee shall meet within 3 weeks from the date of receipt of this communication to prescribe course works to the scholar as per clause 13.1 of Ph.D. Regulations. The Meetings of the Doctoral Committee shall be informed to the Director (Research) and Head of the Department/Director of the Centre well in advance. The minutes of the meetings / any other communications should be forwarded by the respective Head of the Department/Director of the Centre of the Supervisor.

The research scholar shall have a CGPA of 7.00 in the course works in order to become eligible for comprehensive examination. A pass in the comprehensive examination is required for the confirmation of Ph.D. Registration.

The Committee shall function as per rules of the Ph.D. Regulations. Sitting Fee, TA / Conveyance to attend the Doctoral committee meetings shall be paid as per the norms. The Supervisor/ Convener shall convene the meeting of the Doctoral Committee and send the progress report periodically. As per Clause 6.4 "The Scholar, Supervisor, Doctoral Committee Members and Examiners shall not be relatives to one another".

*[Handwritten Signature]*  
DIRECTOR

To  
The Supervisor  
Copy to : All Members

*[Handwritten Signatures]*  
30/1/21





**CENTRE FOR RESEARCH**  
ANNA UNIVERSITY  
CHENNAI - 600 025



**Dr. K.P. JAYA**  
DIRECTOR

Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Date : 08.09.2020

Lr. No: SUPR/34<sup>th</sup>/AR2

To  
**Dr. Magibalan S**  
Assistant Professor  
Mechanical Engineering  
KSR College of Engineering  
Namakkal-637215

Sir/Madam,

Sub : Ph.D.Programme - Supervisor Recognition - Orders - Issued.  
Ref : Your application for Supervisor Recognition.

\*\*\*\*\*

I am by direction to inform that you are recognized as a Supervisor ( Ref.No: 3620005 ) for guiding Ph.D. scholars of this University under the faculty of Mechanical Engineering.

Area of Specialization: "TRIBOLOGY, OPTIMIZATION, MANUFACTURING ENGINEERING, COMPOSITE MATERIAL PROCESSING AND CHARACTERIZATION "

The functions and responsibilities of the supervisor are described under clause (7) of the Ph.D.regulations of this University and applicable as and when amendments are made to the Regulations from time to time.

*Supervisors working in the recognized R&D Centre of Industries/non-recognized research Departments of Engineering College/Architecture Schools situated within Tamil Nadu shall function only as Joint Supervisor.*

I request you to adhere strictly the regulations (available in <https://cfr.annauniv.edu/research/instructions.php> ) when you start guiding scholars.

In all future correspondence quote 3620005 for reference.

8/9/20  
f DIRECTOR

Copy to:

The Head  
Mechanical Engineering  
KSR College of Engineering  
Namakkal-637215

08/09/2020



CENTRE FOR RESEARCH  
ANNA UNIVERSITY  
CHENNAI - 600 025



Dr. K.P. JAYA  
DIRECTOR

Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Lr.No.17122691135/Ph.D./AR9

Date : 22.04.2021

Sub : Ph.D. Programme – Mr./Ms. Sudharsan. G, Research Scholar – Change of Supervisor -  
Orders - Issued.

- Ref : 1. This Office Proceedings of even number dated: 20.12.2016.  
2. Letter from Dr.P.Suresh, Professor, Department of Mechatronics Engineering, Sona College of Technology, Salem - 636 005, dated 21.04.2021 .

\*\*\*\*

Under the circumstances stated in the reference 2<sup>nd</sup> cited, Dr. S. Magibalan Assistant Professor, Department of Mechanical Engineering, KSR College of Engineering, Namakkal - 637 215 has been nominated as Supervisor in the place of Dr. P.Suresh in the respect of the Research Scholar Mr./Ms. G. Sudharsan

In addition, as per the Ph.D. regulations (Clause 8.5), Dr. P.Suresh, has been nominated as Joint Supervisor for the above mentioned scholar.

DIRECTOR

To  
Dr. S. Magibalan  
Assistant Professor  
Department of Mechanical Engineering  
KSR College of Engineering  
Namakkal - 637 215.

Copy to :

1. The Head / Director, Department of Mechanical Engineering, KSR College of Engineering, Namakkal - 637 215.
2. Dr. P.Suresh Professor, Department of Mechatronics Engineering, Sona College of Technology, Salem - 636 005.
3. Mr./Ms.G Sudharsan, Research scholar through the Supervisor Dr. S Magibalan.





CENTRE FOR RESEARCH  
ANNA UNIVERSITY  
CHENNAI - 600 025



Dr. C.UMARANI  
DIRECTOR

Telephone : +91-44-2235 7360/2235 0381  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Date : 19.12.2022

Lr. No: SUPR/AR2

To

Dr. Manikandan M

Assistant Professor  
Department of Mechanical Engineering  
Nandha Engineering College  
Vaikkalmedu, Erode-638052

Sir/Madam,

Sub : Ph.D.Programme - Supervisor Recognition - Approved - Orders - Issued.  
Ref : Your application for Supervisor Recognition.

\*\*\*\*\*

I am by direction to inform that you are recognized as a Supervisor ( Ref.No: 4120047 ) for guiding Ph.D. scholars of this University under the faculty of Mechanical Engineering.

Area of Specialization: "Mechanical Engineering, Tribology, Finite Element Analysis, Biomechanics"

The functions and responsibilities of the supervisor are described under clause (7) of the Ph.D.regulations of this University and applicable as and when amendments are made to the Regulations from time to time.

*It is to be noted that, "Supervisors working in the recognized R&D Centre of Industries/non-recognized research Departments of Engineering College/Architecture Schools situated within Tamil Nadu shall function only as Joint Supervisor".*

I request you to adhere strictly the Ph.D. regulations (available in <https://cfr.annauniv.edu/research/instructions.php> ) when you start guiding the scholars.

Further for any correspondence in future quote 4120047 for reference.

*[Signature]*  
DIRECTOR  
19/12/22

Copy to:

The Head  
Department of Mechanical Engineering  
Nandha Engineering College  
Vaikkalmedu, Erode-638052

*[Signature]*  
19/12/22



# Anna University

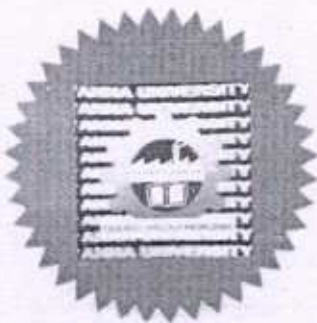


Reg.No. 16142897130/RG

The Syndicate of the Anna University hereby makes known that **SENNIANGIRI N** 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 2016".


*Title of the Thesis:*

**EXPERIMENTAL STUDY ON THE LUBRICATING AND MECHANICAL PROPERTIES OF GRAPHENE-NiO/COCONUT OIL HYBRID NANOFLUID**



*Given under the Seal of the University*

Chennai 600 025  
India  
March 2021  
REGISTRAR

  
Controller of Examinations

  
Registrar

  
Vice-Chancellor  
REGISTRAR





**CENTRE FOR RESEARCH**  
ANNA UNIVERSITY  
CHENNAI - 600 025



**Dr. C.UMARANI**  
**DIRECTOR**

Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Lr. No: SUPR/AR2

Date : 29.04.2024

To

**Dr. Mobika J**

Assistant Professor  
Department of Physics  
Nandha Engineering College  
Erode-638052

Sir/Madam,

Sub : Ph.D.Programme - Supervisor Recognition - **Approved** - Orders - Issued.  
Ref : Your application for Supervisor Recognition.

\*\*\*\*\*

I am by direction to inform that you are recognized as a Supervisor ( Ref.No: 4370032 ) for guiding Ph.D. scholars of this University under the faculty of **Science and Humanities**.

Area of Specialization: "**Material Science, Nano Technology, Gas Sensors, Bio-Medical Applications**"

The functions and responsibilities of the supervisor are described under clause (7) of the Ph.D. Regulations of this University and applicable as and when amendments are made to the Regulations from time to time.

It should be noted that Supervisors should create their profile using the "New Registration" tab under the "**Supervisor web portal**" available on the homepage of the Centre for Research website. Supervisors are expected to strictly adhere to the Ph.D. Regulations (refer to CFR website) when they begin guiding the scholars.

Further for any correspondence in future quote **4370032** for reference.

DIRECTOR

Copy to:

The Head  
Department of Physics  
Nandha Engineering College  
Erode-638052



Dr. C.UMARANI  
DIRECTOR

Telephone : +91-44-2235 7366/2235 0361  
Fax : +91-44-2220 1213  
Email : dirresearch@annauniv.edu  
dirresearch@gmail.com



Date : 13.07.2023

Lr. No: SUPR/AR2

P/W : MohankS@1986

To

Dr. Mohan K S  
Assistant Professor  
Department of Physics  
Nandha Engineering College  
Perundurai, Erode-638052

Sir/Madam,

Sub : Ph.D.Programme - Supervisor Recognition - **Approved** - Orders - Issued.  
Ref : Your application for Supervisor Recognition.

\*\*\*\*\*

I am by direction to inform that you are recognized as a Supervisor ( Ref.No: 4270025 ) for guiding Ph.D. scholars of this University under the faculty of Science and Humanities.

Area of Specialization: "Materials Science, Thin Films, Schoktty Diode, Opto Electronic Applications, Super Capacitors"

The functions and responsibilities of the supervisor are described under clause (7) of the Ph.D. Regulations of this University and applicable as and when amendments are made to the Regulations from time to time.

It should be noted that Supervisors should create their profile using the "New Registration" tab under the "Supervisor web portal" available on the homepage of the Centre for Research website. Supervisors are expected to strictly adhere to the Ph.D. Regulations (refer to CFR website) when they begin guiding the scholars.

Further for any correspondence in future quote 4270025 for reference.

L. V. Kumar  
DIRECTOR  
13/7/23

Copy to:

The Head  
Department of Physics  
Nandha Engineering College  
Perundurai, Erode-638052

M  
12/7/22  
W  
13/7/23





Dr R JAYAVEL  
DIRECTOR

CENTRE FOR RESEARCH  
ANNA UNIVERSITY  
CHENNAI - 600 025



Telephone: +91-44-2235 7366/2235 0361  
Fax: +91-44-2220 1213  
Email: dirresearch@annauniv.edu  
dirresearch@gmail.com



Date 16 08 2017

Lr. No: SUPR/27<sup>th</sup>/DB

To

Dr. Jaya Nalina T

Assistant Professor  
Department of Physics  
K S R College of Engineering  
Tiruchengode-637215

Sir/Madam

Sub: Ph.D /M.S. (By Research) Programme - Supervisor Recognition - Orders - Issued -  
Ref: Your application for Supervisor Recognition.

\*\*\*\*\*

I am by direction to inform that you are recognized as a Supervisor ( Ref.No: 3070024 ) for guiding Ph.D and M.S (By Research) scholars of this University under the faculty of Science and Humanities

Area of Specialization "Crystal Growth, Thin Films"

The functions and responsibilities of the supervisor are described under clause (7) of the Ph.D /M.S (By Research) regulations of this University and applicable as and when amendments are made to the Regulations from time to time.

*Supervisors working in the recognized R&D Centre of Industries/non-recognized research Departments of Engineering College/Architecture Schools situated within Tamil Nadu shall function only as Joint Supervisor.*

I request you to adhere strictly the regulations (available in <https://cfr.annauniv.edu/research/instructions.php>) when you start guiding scholars

In all future correspondence quote 3070024 for reference.

R. Jayavel  
16/8/17  
DIRECTOR

Copy to:

The Head  
Department of Physics  
K S R College of Engineering,  
Tiruchengode-637215