




## NANDHA COLLEGE OF TECHNOLOGY

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai  
Pitchandampalayam(PO), Vaikkalmedu, Erode- Perundurai Road, Erode- 638052  
Website: [www.nandhatech.org](http://www.nandhatech.org) E-Mail: [nandhatechnology@gmail.com](mailto:nandhatechnology@gmail.com)

### Ph.D. Certificates of full time teachers with NET/SET/SLET/Ph. D./ D.Sc. / D.Litt./L.L.D year wise during the last five years

| S.No | Name of the Staff | Subject                                 | Degree Awarding University | Year of award |
|------|-------------------|---|----------------------------|---------------|
| 1    | Dr.Nandagopal.S   | Information & Communication Engineering | Anna University            | 2013          |
| 2    | Dr.T.Vijayakumar  | Information & Communication Engineering | Anna University            | 2015          |
| 3    | Dr.Mohankumar.G.B | Electrical Engineering                  | Anna University            | 2017          |
| 4    | Dr.Kumaresan.J    | Electrical Engineering                  | Anna University            | 2021          |
| 5    | Dr.Jayanthi.R     | Information & Communication Engineering | Anna University            | 2020          |
| 6    | Dr.Parthiban .S   | Information & Communication Engineering | Anna University            | 2022          |
| 7    | Dr.Girimurugan.R  | Mechanical Engineering                  | Anna University            | 2023          |
| 8    | Dr.Saveetha.P     | Information & Communication Engineering | Anna University            | 2017          |
| 9    | Dr.M.Karthick     | Information & Communication Engineering | Anna University            | 2022          |
| 10   | Dr.Kiruthika.A    | Physics                                 | Anna University            | 2022          |



  
Principal  
Nandha College of Technology  
Erode-52.



## NANDHA COLLEGE OF TECHNOLOGY

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai  
Pitchandampalayam(PO), Vaikkalmedu, Erode- Perundurai Road, Erode- 638052  
Website: [www.nandhatech.org](http://www.nandhatech.org) E-Mail: [nandhatechnology@gmail.com](mailto:nandhatechnology@gmail.com)

|    |                           |   |                       |      |
|----|---------------------------|---|-----------------------|------|
| 11 | Dr.Dhanasekaran.E         | Chemistry                               | Bharathiar University | 2023 |
| 12 | Dr.Kavitha.V              | Information & Communication Engineering | Anna University       | 2020 |
| 13 | Dr.Rajendiran.K.M         | Education                               | Bharathiar University | 2012 |
| 14 | Dr.Sathya.M               | Chemistry                               | Bharathiar University | 2019 |
| 15 | Dr.Chandrasekar.V         | Information & Communication Engineering | Anna University       | 2016 |
| 16 | Dr.Prabu Ragavendiran.S.D | Information & Communication Engineering | Anna University       | 2020 |
| 17 | Dr.Dhivyaa.C.R            | Information & Communication Engineering | Anna University       | 2019 |
| 18 | Dr.Vijayakumar.M          | Information & Communication Engineering | Anna University       | 2013 |
| 19 | Dr.Kumaravel.K            | Management                              | Anna University       | 2014 |
| 20 | Dr.Parthiban.K            | Management                              | Bharathiar University | 2018 |
| 21 | Dr.Palanisamy.S.A         | English                                 | Bharathiar University | 2015 |



  
Principal  
Nandha College of Technology  
Erode-52.

# Anna University



Reg.No. 4083062133/RG

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

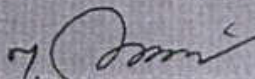
**AN ADEPT STRATEGY FOR MINING OF ASSOCIATION RULES FROM INTER-TRANSACTIONAL DOMAINS**

*Given under the Seal of the University*




  
Principal  
Nandha College of Technology  
Erode-52.

Chennai 600 025  
India  
November 2013

  
Controller of Examinations

  
Registrar

  
Vice-Chancellor



Reg.No. 71030521041/RG

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

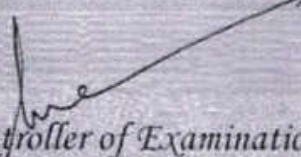
*Title of the Thesis:*


**INVESTIGATION ON PERFORMANCE ANALYSIS OF NON LINEAR MODELS, PSO AND NEURAL NETWORKS FOR CLASSIFICATION OF EPILEPSY RISK LEVELS FROM WAVELET BASED EXTRACTED FEATURES OF EEG SIGNALS** Given under the Seal of the University

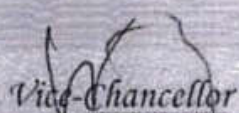


  
Principal  
Nandha College of Technology  
Erode-52.

Chennai 600 025  
India  
January 2016

  
Controller of Examinations

  
Registrar

  
Vice-Chancellor

# Anna University



Reg.No.71130431022/RG

The Syndicate of the Anna University hereby makes known that **MOHANKUMAR G B** has been admitted to the **DEGREE OF DOCTOR OF PHILOSOPHY** under the **Faculty of Electrical Engineering**, having been certified by the duly appointed examiners to be qualified to receive the same in the year **2017**. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

*Title of the Thesis:*

**PERFORMANCE ASSESSMENT OF MULTICONVERTER UNIFIED POWER QUALITY CONDITIONER SYSTEM WITH DUAL FEEDER CONFIGURATION FOR ENHANCING POWER QUALITY**

*Given under the seal of the University*



*[Signature]*  
Principal  
Nandha College of Technology  
Erode-52.

Chennai 600025  
India  
June 2018  
PART III

*[Signature]*  
Controller of Examinations  
MOHANKUMAR G B

*[Signature]*  
Registrar

*[Signature]*  
Vice-Chancellor

# Anna University

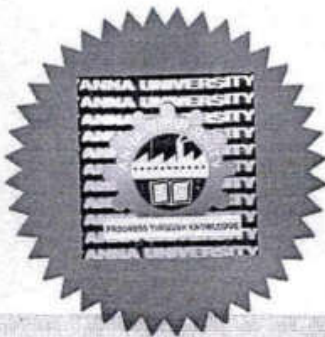


Reg.No. 1414369159/RG

The Syndicate of the Anna University hereby makes known that **KUMARESAN J** has been admitted to the **DEGREE OF DOCTOR OF PHILOSOPHY** under the Faculty of Electrical Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year **2021**. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

*Title of the Thesis:*

**DESIGN AND CONTROL OF SOLAR PHOTOVOLTAIC POWERED THREE PORT CONVERTER FOR DUAL DRIVE HYBRID ELECTRIC VEHICLE**



*Given under the Seal of the University*



*Principal*  
Nandha College of Technology  
Erode-52.

Chennai 600 025  
India  
March 2021  
NANDHA

*[Signature]*  
Controller of Examinations  
KUMARESAN J

*[Signature]*  
Registrar

*[Signature]*  
Vice-Chancellor  
NANDHA

# Anna University



Reg.No. 11230532012/RG



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


*Title of the Thesis:*


**INVESTIGATION ON RETINAL FUNDUS IMAGES FOR EARLY DETECTION OF DIABETIC RETINOPATHY AND CLASSIFICATION USING ADAPTIVE NEURO FUZZY INTERFERENCE SYSTEM**

*Given under the Seal of the University*



Chennai 600 025  
India  
March 2021

  
Controller of Examinations

  
Principal  
Nandha College of Technology  
Erode-52.

  
Registrar

  
Vice-Chancellor

# Anna University



Reg.No. 16144697184/RG

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

*Title of the Thesis:*

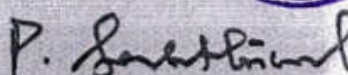
**PERFORMANCE INVESTIGATIONS ON SOLAR PHOTOVOLTAIC SUSTAINED ZSI BASED UNIFIED ACTIVE POWER FILTER FOR ENRICHMENT OF POWER QUALITY**

*Given under the Seal of the University*



  
Principal  
Nandha College of Technology  
Erode-52.

Chennai 600 025  
India  
July 2022  
SABHARWAL

  
Controller of Examinations

  
Registrar

  
Vice-Chancellor





# ANNA UNIVERSITY

CENTRE FOR RESEARCH

Sardar Patel Road, Chennai - 600 025, India



Dr. C. UMARANI, M.E., Ph.D., PDF(NZ)  
Director

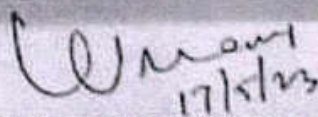
Ref : No. 16142897120/Ph.D./AR4

Date : 17.05.2023

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr.R.Girumurugan, has registered for Ph.D. Programme in Engineering Design during July-2016. The scholar has submitted the thesis entitled, "OPTIMIZATION OF FRICTION STIR WELDING OF AA1100 BY TAGUCHI AND RESPONSE SURFACE METHODOLOGY-BASED HYBRID METHODS" and has successfully completed the oral examination held on 12.05.2023 for the award of Ph.D. Degree under the Faculty of Mechanical Engineering.


The Ph.D. Degree awarded by this University is in compliance of UGC Regulations 2016.

  
17/5/23  
DIRECTOR (RESEARCH)

2/3



  
Principal  
Nandha College of Technology  
Erode-52.

  
17/05/23.

# Anna University



Reg.No. 10930622067/RG

The Syndicate of the Anna University hereby makes known that **SAVEETHA P** 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 **2017**. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

Title of the Thesis:

**EFFICIENT ENCRYPTION ALGORITHMS TO ENHANCE THE CONFIDENTIALITY IN CLOUD COMPUTING**

*Given under the Seal of the University*

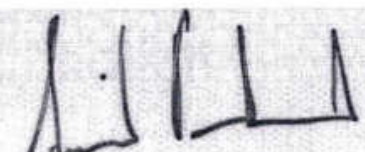


Principal  
Nandha College of Technology  
Erode-52.

Chennai 600 025  
India  
May 2017

  
Controller of Examinations  
SAVEETHA P

  
Registrar

  
Chairman, Convener Committee  
Vice-Chancellor

# Anna University



Reg.No. 17144691250/RG

*The Syndicate of the Anna University hereby makes known that*  
**KARTHICK M** has been admitted to the **DEGREE OF DOCTOR OF PHILOSOPHY** under the *Faculty of Information and Communication Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year 2022. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2016".*

*Title of the Thesis:*


**CERTAIN INVESTIGATION ON ENHANCING THE CLUSTER HEAD PERFORMANCE IN DATA AGGREGATION USING MULTI MOBILE AGENT-BASED ITINERARY PLANNING**

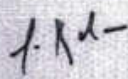
*Given under the Seal of the University*



Chennai 600 025  
India  
July 2022

  
**Controller of Examinations**

  
**Principal**  
**Nandha College of Technology**  
**Erode-52.**

  
**Registrar**

  
**Vice-Chancellor**

# Anna University



Reg.No. 11260132010/RG


The Syndicate of the Anna University hereby makes known that **KIRUTHIGA A** has been admitted to the **DEGREE OF DOCTOR OF PHILOSOPHY** under the Faculty of Science and Humanities, having been certified by the duly appointed examiners to be qualified to receive the same in the year **2022**. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

*Title of the Thesis:*

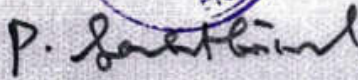
**INVESTIGATION OF STRUCTURAL AND MAGNETIC PROPERTIES OF ZnO AND Mo, Cr DOPED ZnO NANOSTRUCTURES FOR GAS SENSOR APPLICATIONS BY MICROWAVE ASSISTED WET CHEMICAL TECHNIQUE**

*Given under the Seal of the University*



  
Principal  
Nandha College of Technology  
Erode-52.

Chennai 600 025  
India  
July 2022  
KAR07171

  
Controller of Examinations

  
Registrar

  
Vice-Chancellor

Folio :D 09969



# BHARATHIAR UNIVERSITY

COIMBATORE - 641 046

## Ph.D. PROVISIONAL CERTIFICATE

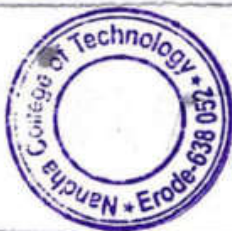
This is to certify that **DHANASEKARAN E** has qualified for  
the award of the Degree of **DOCTOR OF PHILOSOPHY** of this University in  
**CHEMISTRY** on **06/04/2023** after having

completed the requirements prescribed for the award of the Degree.



Coimbatore 641 046  
Date : **22 JUN 2023**

*[Signature]*  
Controller of Examinations i/c



*[Signature]*  
Principal  
Nandha College of Technology  
Erode-52..

# Anna University



Reg.No. 71130932003/RG

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

*Title of the Thesis:*

**WAVELET BASED COMBINATIONAL APPROACHES FOR EFFICIENT MEDICAL IMAGE WATERMARKING**

*Given under the Seal of the University*



*P*  
Principal  
Nandha College of Technology  
Erode-52.

Chennai 600 025  
India  
March 2021  
BARINCE

*[Signature]*  
Controller of Examinations

*[Signature]*  
Registrar

*[Signature]*  
Vice-Chancellor



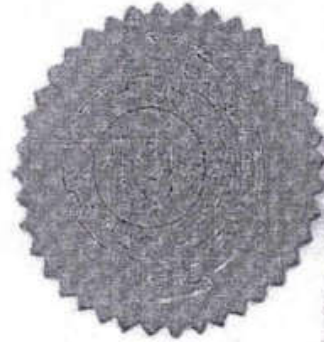
பாரதியார் பல்கலைக் கழகம்  
Bharathiar University

கல்வியியல் புலம்

FACULTY OF EDUCATION

பாரதியார் பல்கலைக் கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு,  
ராஜேந்திரன் கே எம், 2012-ஆம் ஆண்டு, ஏப்ரல் 9 ஆம் நாளில் கல்வியியல்  
என்னும் பிரிவில் ஆய்வியல் அறிஞர் என்னும் பட்டம் பெறத் தகுதியடைந்திருப்பதாகச் சான்றளித்ததை  
ஏற்று, அவருக்கு அந்தப் பட்டத்தைப் பல்கலைக் கழக இலச்சினைபுடன்,  
பாரதியார் பல்கலைக் கழக ஆட்சிக் குழு வழங்குகின்றது.

The Syndicate of the Bharathiar University hereby makes known that RAJENDIRAN K M  
has been admitted to the Degree of DOCTOR OF PHILOSOPHY in EDUCATION,  
having been certified by duly appointed Examiners to be qualified to receive the same on 9th APRIL 2012.



Given under the Seal of the University.

கோயம்புத்தூர்  
Coimbatore  
பி.என்.சி.  
நாள்

K.G. Senthil Kumar

தேர்வாளரையர்

Dated: 10th August 2012

Controller of Examinations



செ.டி. அ.ஹெல்வி  
No. 12-3-16

பதிவாளர்

பதிவாளர்

Registrar

Vice-Chancellor

CN: 376826



Principal  
Nandha College of Technology  
Erode-52.

Folio : D 05601



# BHARATHIAR UNIVERSITY

COIMBATORE - 641 046

## Ph.D. PROVISIONAL CERTIFICATE

This is to certify that

SATHYA M

has qualified for

the award of the Degree of

DOCTOR OF PHILOSOPHY

of this University in

CHEMISTRY

on 11/12/2019 after having

completed the requirements prescribed for the award of the Degree. \*

\* under external part time mode.



Coimbatore - 641 046

Controller of Examinations i/c

Date: 12 DEC. 2019



Principal  
Nandha College of Technology  
Erode-52.



# Anna University



Reg.No. 11266631005/RG

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

*Title of the Thesis:*


**MULTI-MODEL USER PROFILE BASED KEYSTROKE DYNAMICS FOR BIOMETRIC AUTHENTICATION USING FUZZY RULE SETS**

*Given under the Seal of the University*



Principal  
Nandha College of Technology  
Erode-52.

Chennai 600 025  
India  
May 2017

  
Controller of Examinations

  
Registrar

  
Chairman, Convener Committee  
Vice-Chancellor

# Anna University



Reg.No. 11130631026/RG

The Syndicate of the Anna University hereby makes known that **PRABU RAGAVENDIRAN S 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 2020. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

*Title of the Thesis:*

**CERTAIN INVESTIGATIONS ON CLOUD TRUST COMPUTING STRATEGIES USING FUZZY LOGIC**



Given under the Seal of the University



Principal  
Nandha College of Technology  
Erode-52.

Chennai 600 025  
In-23  
March 2021  
M.B.1423

Controller of Examinations

Registrar

Vice-Chancellor

# Anna University



Reg.No.1424469201/RG

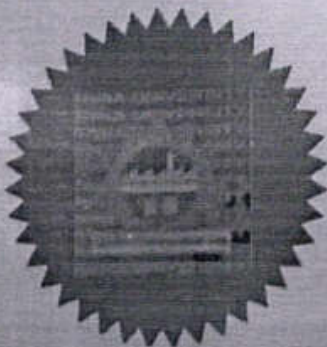


*The Syndicate of the Anna University hereby makes known that*  
**DHIVYAA C R** *has been admitted to the* **DEGREE OF DOCTOR OF PHILOSOPHY** *under the Faculty of Information and Communication Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in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


*Title of the Thesis:*

**PERFORMANCE ANALYSIS OF AUTOMATED SCREENING SYSTEM FOR DIABETIC RETINOPATHY DETECTION USING RETINAL FUNDUS IMAGE ANALYSIS**


*Given under the seal of the University*



Chennai 600025  
India  
December 2019

  
Controller of Examinations



  
Principal  
Nandha College of Technology  
Erode-52.

  
Registrar

  
Vice-Chancellor

# Anna University



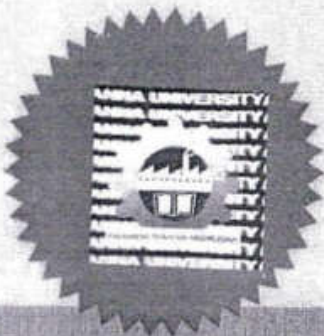
Reg.No. 4083062177/RG

*The Syndicate of the Anna University hereby makes known that*  
**VIJAYAKUMAR M** *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:*

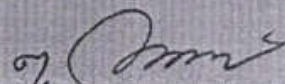
**ADAPTIVE HIERARCHICAL AND PARTITIONED CLUSTERING FOR  
CONTROLLING HIGH VOLUME TRAFFIC DATA STREAMS IN PEER  
TO PEER NETWORKS**

*Given under the Seal of the University*



  
**Principal**  
**Nandha College of Technology**  
**Erode-52.**

Chennai 600 025  
India  
November 2013

  
**Controller of Examinations**

  
**Registrar**

  
**Vice-Chancellor**

# Anna University

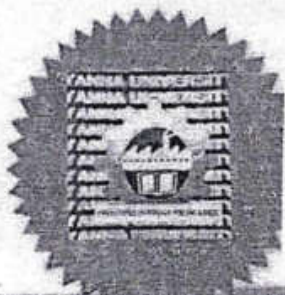


Reg.No. 10931321044/RG

The Syndicate of the Anna University hereby makes known that **KUMARAVEL K** has been admitted to the **DEGREE OF DOCTOR OF PHILOSOPHY** under the Faculty of Management Sciences, 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:*

**A STUDY ON CONSUMER BEHAVIOUR TOWARDS FMCG PRODUCTS WITH SPECIAL REFERENCE TO PERSONAL CARE PRODUCTS IN COIMBATORE DISTRICT**



*[Signature]*  
Principal  
Nandha College of Technology  
Erode-52.

Given under the Seal of the University

Chennai 600 025  
India  
November 2014

*[Signature]*  
Controller of Examinations

*[Signature]*  
Registrar

*[Signature]*  
Vice-Chancellor

Folio : D 03240

# BHARATHIAR UNIVERSITY

COIMBATORE - 641 046

## Ph.D. PROVISIONAL CERTIFICATE

This is to certify that

PARTHIBAN K

has qualified for

the award of the Degree of

DOCTOR OF PHILOSOPHY

of this University in

MANAGEMENT

on 24/08/2018

after having

completed the requirements prescribed for the award of the Degree.\*

\* under external part time mode.

Coimbatore - 641 046

Date : 17 SEP 2018

Controller of Examinations i/c



Principal  
Nandha College of Technology  
Erode-52.



பாரதியார் பல்கலைக் கழகம்  
Bharathiar University



கலையியல் 4லம்  
FACULTY OF ARTS

பாரதியார் பல்கலைக் கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு,  
பழனிச்சாமி ஆ. 2015-ஆம் ஆண்டு, மார்ச் 16-ஆம் நாளில் ஆங்கிலம் என்னும் பிரிவில்  
ஆய்வியல் அறிஞர் என்னும் பட்டம் பெறத் தகுதியடைந்திருப்பதாகச் சான்றளித்ததை  
ஏற்று, அவருக்கு அந்தப் பட்டத்தைப் பல்கலைக் கழக இலச்சினையுடன்,  
பாரதியார் பல்கலைக் கழக ஆட்சிக் குழு வழங்குகின்றது.

The Syndicate of the Bharathiar University hereby makes known that PALANISAMY A  
has been admitted to the Degree of DOCTOR OF PHILOSOPHY in ENGLISH,  
having been certified by duly appointed Examiners to be qualified to receive the same on 16th MARCH 2015.

Given under the Seal of the University.



கோயம்புத்தூர்  
Coimbatore  
600026  
நாள்

Dated: 12th September 2015 Controller of Examinations i/c

தேர்வாளர் (பொ)

K. G. Senthil  
பதிவாளர்

Vice-Chancellor

B 011346

Principal  
Nandha College of Technology  
Erode-52.