



### **SRI SHANMUGHA COLLEGE OF ENGINEERING AND TECHNOLOGY**

[Approved by AICTE, Affiliated to Anna University and Accredited by NAAC & NBA (CSE, ECE & MECH)]

Pullipalayam, Morur (Post), Sankari (Tk), Salem (Dt) – 637 304

**Website:** [www.shanmugha.edu.in](http://www.shanmugha.edu.in) **Contact Number:** 04283-262901

## **2. List of full time teachers with PhD./ D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt**



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Website: [www.shanmugha.edu.in](http://www.shanmugha.edu.in) Contact Number: 04283-262901

### FACULTY LIST WITH Ph.D FOR THE ACADEMIC YEAR 2018-19

S.NO	NAME OF THE FACULTY	DESIGNATION	DEPARTMENT
1	Dr.S.SELVARAJAN	PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
2	Dr.G.KAVITHA	PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
3	Dr.S.MARKKANDEYAN	PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
4	Dr.B.SHOBHANA	ASSOCIATE PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
5	Dr.J.JAYABHARATHI	PROFESSOR	AGRICULTURE ENGINEERING
6	Dr.S.JANAPRIYA	ASSOCIATE PROFESSOR	AGRICULTURE ENGINEERING
7	Dr.P.DEVASENAPATHY	ASSOCIATE PROFESSOR	AGRICULTURE ENGINEERING
8	Dr.R.BALAMURUGAN	PROFESSOR	CIVIL ENGINEERING
9	Dr.K.BOOBALAN	ASSOCIATE PROFESSOR	SCIENCE AND HUMANITIES
10	Dr.K.KUMAR	ASSOCIATE PROFESSOR	SCIENCE AND HUMANITIES
11	Dr.P.SIVAKUMAR	ASSOCIATE PROFESSOR	SCIENCE AND HUMANITIES
12	Dr.K.GANESH	ASSISTANT PROFESSOR	SCIENCE AND HUMANITIES
13	Dr.R.RADHAKRISHNAN	PROFESSOR	ELECTRONICS AND COMMUNICATION ENGINEERING
14	Dr.B.MARUTHI SHANKAR	ASSOCIATE PROFESSOR	ELECTRONICS AND COMMUNICATION ENGINEERING
15	Dr.N.SUNDARAMOORTHY	PROFESSOR	MECHANICAL ENGINEERING
16	Dr.R.MANIVANNAN	ASSOCIATE PROFESSOR	MECHANICAL ENGINEERING

PRINCIPAL,  
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Website: [www.shanmugha.edu.in](http://www.shanmugha.edu.in) Contact Number: 04283-262901

### FACULTY LIST WITH Ph.D FOR THE ACADEMIC YEAR 2017-18

S.NO	NAME OF THE FACULTY	DESIGNATION	DEPARTMENT
1	Dr.G.KAVITHA	PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
2	Dr. SELVARAJ	PROFESSOR	AGRICULTURE ENGINEERING
3	Dr.S.JANAPRIYA	ASSOCIATE PROFESSOR	AGRICULTURE ENGINEERING
4	Dr. K. KUMAR	ASSISTANT PROFESSOR	SCIENCE AND HUMANITIES
5	Dr.C.B.RESMI	ASSISTANT PROFESSOR	SCIENCE AND HUMANITIES
6	Dr.D.SARAVANAN	PROFESSOR	SCIENCE AND HUMANITIES
7	Dr.K.B.NAGASHANMUGHAM	PROFESSOR	SCIENCE AND HUMANITIES
8	Dr. P. SIVAKUMAR	ASSISTANT PROFESSOR	SCIENCE AND HUMANITIES
9	Dr.P.SENGOTTUVEL	PROFESSOR	MECHANICAL ENGINEERING
10	Dr.T.R.CHINNUSAMY	ASSOCIATE PROFESSOR	MECHANICAL ENGINEERING
11	Dr. Y. STALIN JOSE	PROFESSOR	CIVIL ENGINEERING
12	Dr.H.ABDULSHABEER	PROFESSOR	ELECTRONICS AND COMMUNICATION ENGINEERING
13	Dr.L.S USHARANI	PROFESSOR	ELECTRONICS AND COMMUNICATION ENGINEERING

  
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SANKAGIRI(TK). SALEM(DT). T.N.



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### FACULTY LIST WITH Ph.D FOR THE ACADEMIC YEAR 2016-17

S.NO	NAME OF THE FACULTY	DESIGNATION	DEPARTMENT
1	Dr.G.KAVITHA	PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
2	Dr.S.JANAPRIYA	ASSOCIATE PROFESSOR	AGRICULTURE ENGINEERING
3	Dr.M.PRADHEEPS	ASSISTANT PROFESSOR	AGRICULTURE ENGINEERING
4	Dr.P.SENGOTTUVEL	PROFESSOR	MECHANICAL ENGINEERING
5	Dr.K.B.NAGASHANMUGHAM	ASSOCIATE PROFESSOR	SCIENCE AND HUMANITIES
6	Dr. P.SIVAKUMAR	ASSISTANT PROFESSOR	SCIENCE AND HUMANITIES
7	Dr.V.M.SENTHILKUMAR	PROFESSOR	SCIENCE AND HUMANITIES
8	Dr.Y.STALINJOSE	PROFESSOR	CIVIL ENGINEERING
9	Dr.H.ABDULSHABEER	PROFESSOR	ELECTRONICS AND COMMUNICATION ENGINEERING

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SRI SHANMUGHA COLLEGE OF  
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SANKAGIRI(TK). SALEM(DT). T.N.



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Website: [www.shanmugha.edu.in](http://www.shanmugha.edu.in) Contact Number: 04283-262901

### FACULTY LIST WITH Ph.D FOR THE ACADEMIC YEAR 2015-16

S.NO	NAME OF THE FACULTY	DESIGNATION	DEPARTMENT
1	Dr.G.KAVITHA	PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
2	Dr.T.STEPHENTHANGARAJ	ASSISTANT PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
3	Dr.S.ARANGANTHAN	PROFESSOR	CIVIL ENGINEERING
4	Dr.P.RAMANATHAN	ASSOCIATE PROFESSOR	ELECTRONICS AND COMMUNICATION ENGINEERING
5	Dr.THIMMA V.J GANESH BABU	PROFESSOR	ELECTRONICS AND COMMUNICATION ENGINEERING
6	Dr.P.SENGOTTUVEL	PROFESSOR	MECHANICAL ENGINEERING
7	Dr.C.MANOKARAN	PROFESSOR	MECHANICAL ENGINEERING
8	Dr.K.RAJKUMAR	PROFESSOR	MECHANICAL ENGINEERING
9	Dr.A.ANISH	ASSOCIATE PROFESSOR	MECHANICAL ENGINEERING
10	Dr.P.MURUGESAN	PROFESSOR	MECHANICAL ENGINEERING
11	Dr.T.ELAKKIA	ASSISTANT PROFESSOR	SCIENCE AND HUMANITIES
12	Dr.D.DURAIBABU	ASSISTANT PROFESSOR	SCIENCE AND HUMANITIES

PRINCIPAL,  
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SANKAGIRI(TK). SALEM(DT). T.N.



## SRI SHANMUGHA COLLEGE OF ENGINEERING AND TECHNOLOGY

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Website: [www.shanmuga.edu.in](http://www.shanmuga.edu.in) Contact Number: 04283-262901

### FACULTY LIST WITH Ph.D FOR THE ACADEMIC YEAR 2014-15

S.NO	NAME OF THE FACULTY	DESIGNATION	DEPARTMENT
1	Dr.M.SENTHIL KUMAR	PROFESSOR	MECHANICAL ENGINEERING
2	Dr.BALAKRISHNAN	PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
3	Dr.P.RAMANATHAN	PROFESSOR	ELECTRONICS AND COMMUNICATION ENGINEERING
4	Dr.M.MOHAN	ASSISTANT PROFESSOR	SCIENCE AND HUMANITIES

PRINCIPAL,  
SRI SHANMUGHA COLLEGE OF  
ENGINEERING & TECHNOLOGY,  
PULLIPALAYAM, MORUR-637304.  
SANKAGIRI(TK).SALEM(DT).T.N.



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**Website:** [www.shanmugha.edu.in](http://www.shanmugha.edu.in) **Contact Number:** 04283-262901

## Certificate Proofs (Ph.D)

Reg. No. 100000000000



The Syndicate of the Anna University Chennai hereby makes known that SELVARAJAN 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 2009.

Title of the Thesis:

HYBRID MODEL FOR HUMAN IDENTIFICATION AND RECOGNITION SYSTEM USING LAND GEOMETRY AND PALMPRINT

Given under the Seal of the University

PRINCIPAL,  
SRI SHANMUGA COLLEGE OF  
ENGINEERING & TECHNOLOGY,  
PULLIPALAYAM, MORUR-637 304.  
SANKAGIRI(TK). SALEM(DT). T.N.

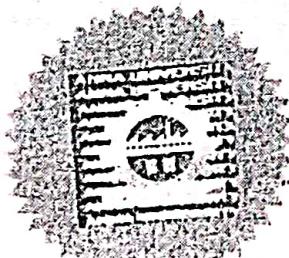


Reg. No. 7083063212 RG

The Syndicate of the Anna University hereby makes known that **KAVITHA G** has been admitted to the **DEGREE OF DOCTOR OF PHILOSOPHY** under the **Faculty of Information and Communication Engineering**, having been certified by the duly appointed examiners to be qualified to receive the same in the year 2014. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

*Title of the Thesis:*

CERTAIN IMPROVEMENTS IN DATA AGGREGATION FOR WIRELESS SENSOR NETWORK USING HYBRID OPTIMIZATION ALGORITHM



*[Signature]*

Given under the Seal of the University

Chennai 600 025

*[Signature]*

PRINCIPAL,  
SRI SHANMUGHA COLLEGE OF  
ENGINEERING & TECHNOLOGY,  
T.N.  
7304.

# Anna University



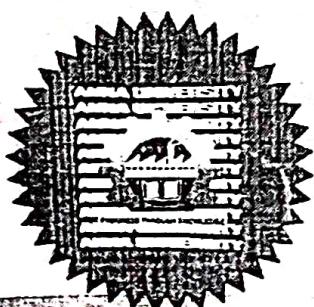
Reg.No. 2011141057/RG

The Syndicate of the Anna University hereby makes known that **MARKKANDEYAN 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 2016. The degree has been awarded in compliance with the "University Grants Commission, Regulations 2009".

*Title of the Thesis:*

EFFICIENT AUTOMATIC WEB PAGE CLASSIFICATION ALGORITHMS  
USING HYBRID FEATURE SELECTION METHODS

*Given under the Seal of the University*



Chennai 600 025  
India  
May 2017

Controller of Examinations  
MARSHAL PATEL

Registrar  
R. BOSE

Chairman, SRM SHANMUGHA COLLEGE OF  
Engineering & Technology  
Vice-Chancellor  
PULLIPALAYAM MORUR-637 304,  
SAMAGIRI (TK). SALEM (DT). T.N.

# Anna University

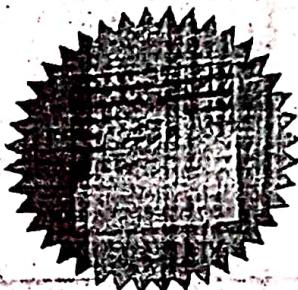


Reg.No.100030012006/RG

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

# CERTAIN INVESTIGATIONS ON THE ESTIMATION OF SEMANTIC SIMILARITY BETWEEN CONCEPTS USING SWARM BASED RULE FOR BIOMEDICAL DATA



*Given under the seal of the University*

Chemical GOCU25  
India

June 2018

八九四

THE END

# Controller of Examinations

Registrar

**Mrs. D. S. R. N. PAL,  
SRI SHANMUGA COLLEGE OF  
Vice-Chancellor  
ENGINEERING & TECHNOLOGY,  
PULLAMPETTURUR-637 304.  
SANKAGIRI (TKY). SALEM(DT). T.N.**



DPY1348

## TAMIL NADU AGRICULTURAL UNIVERSITY

Coimbatore - 641 003. Tamil Nadu, INDIA.

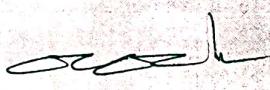
Ref. No. E.2. / Edn. PG. PC./ 2016

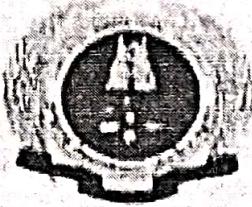
Dated : 26-08-2016

### PROVISIONAL DEGREE CERTIFICATE

Certified that Thiru / Selvi Jayabharathi, J.

I.D. No. 12-644-002 has successfully completed the prescribed courses and credit requirements for the award of the Degree of **Doctor of Philosophy** in Soil and Water Conservation Engineering of this University during 2016 with an Overall Grade Point Average of 8.27 (82.70 % Marks) out of 10.00.

  
PRINCIPAL,  
SRI SHANMUGHA COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PULLIPALAYAM (MGRN)-637304.  
SANKAGIRI(TK) SALEM(DT).T.N.



**TAMIL NADU AGRICULTURAL UNIVERSITY  
COIMBATORE**

On the recommendation of the  
Academic Council and the Board of Management  
hereby admits

**JANAPRIYA, S.**

to the degree of

**Doctor of Philosophy**

In **SOIL AND WATER CONSERVATION ENGINEERING**

(**Faculty of Agricultural Engineering**)



he / she having qualified to receive the same  
securing an Overall Grade Point Average  
of **8.88** out of **10.00** in the year **2015**

together with all the honours and distinctions belonging  
to this degree given under the seal of the University



**COIMBATORE**  
**Date : 16.10.2016**

**K. RAMASAMY**  
PRINCIPAL,  
SRI SHANMUGHA COLLEGE OF  
ENGINEERING & TECHNOLOGY,  
PULLIPALAYAM, MORUR-637304.  
SANKAGIRI(TK), SALEM(DT), T.N.

**Vice Chancellor**



HD059

SI. No.: 066039

# VIT UNIVERSITY

(Established under section 3 of the UGC Act, 1956)



The Board of Management of the VIT University  
hereby confers on

BOOBALAN K

the degree of

DOCTOR OF PHILOSOPHY

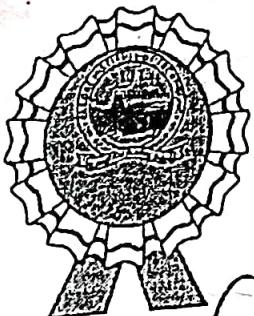
in recognition of the research work entitled

COMBUSTION SYNTHESISED ZIRCONIA DERIVED NANOCRYSTALLINE CERAMICS:  
PHASE STABILIZATION AND ELECTROPHORETIC DEPOSITION

and for having fulfilled the prescribed requirements in the

School of Advanced Sciences

given this day the 23 February 2016



Given under the seal of this university

A handwritten signature of the Vice-Chancellor.

Vice - Chancellor

A handwritten signature of the Chancellor.

Chancellor

A handwritten signature of the Principal.

PRINCIPAL,  
SRI SHANMUGHA COLLEGE OF  
ENGINEERING & TECHNOLOGY,  
PULLIPALAYAM, MORUR-637 304.  
~~SANKAGIREKUDI SAMOONI~~

Dated: 23-Aug-2016  
Murai - 632 014, Tamil Nadu, India

எண்ணாமலைப் பல்கலைக்கழகம்

# ANNA MALAI UNIVERSITY



அறிவியற்புலம்  
FACULTY OF SCIENCE

மார்ச், 2017 இல்

இயற்பியல்

குமார் கா

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

The Syndicate of the ANNAMALAI UNIVERSITY hereby makes known  
that KUMAR K has been admitted to the  
Degree of DOCTOR OF PHILOSOPHY in PHYSICS,  
he/she having been certified by duly appointed Board of Examiners who valued  
his/her thesis to be qualified to receive the same in MARCH, 2017.

#### TITLE OF THE THESIS

PREPARATION OF SOFT MAGNETIC FERRITE NANOPARTICLES BY CO-PRECIPITATION METHOD  
AND THEIR PROPERTY STUDIES WITH DIFFERENT ION SUBSTITUTION

பல்கலைக்கழக முத்திரை பெறுகின்றது  
Given under the seal of the University



அண்ணாமலைநகர்  
Annamalainagar

நாள்:  
Dated: 31/03/2017

Dr.K.Arumugam  
Registrar (i/c)  
PRINCIPAL,  
SRI SHANMUGA COLLEGE OF ENGINEERING & TECHNOLOGY, Chancelloor  
PULLIPALAYAM, MORUR-637304.  
SANKAGIRI(TK), SALEM(DT), T.N.

The Degree Awarding Committee, in accordance with "The Regulations Concerning Academic Degrees in the People's Republic of China", has conferred upon

**SIVAKUMAR PALANISAMY**

the degree of

**DOCTOR OF SCIENCE**

Nanoscience and Technology  
with all its rights, privileges and honors

given at Beijing , China, on the 17th day of January  
in the year of 2015

I<sup>4</sup>8

6/27

President

University of CAS

Chairman, Degree Awarding Committee

No. 8000122015000894



PRINCIPAL,  
SRI SHANMUGHA COLLEGE OF  
ENGINEERING & TECHNOLOGY,  
PULLIPALAYAM. MORUR-637304.  
SANKAGIRI(TK). SALEM(DT). T.N.

# **THE GANDHIGRAM RURAL INSTITUTE DEEMED UNIVERSITY**

卷之三



The Bank of Management of  
**THE GANDHIGRAM RURAL INSTITUTE**

#### 向量和矩阵的乘积

## **DOCTOR OF PHILOSOPHY**

三

GANESH. R

[See [Dr. M. Karuppiah](#) and [M.L. Indra](#)]

for having successfully completed the prescribed programme of study  
and presented the thesis title

RECORDED AND INDEXED ON THE CHAMBERS MACHINE (CONT'D)

#### **AS DATES WITH INDEPENDENT DOCUMENTATION ADDITIONS**

卷之三

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*A. G. R.*

Page 20

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PULLIPALAYAM, MÖRUR-637 304.  
SANKAGIRI(HK), SALEM(MD). T.N.**



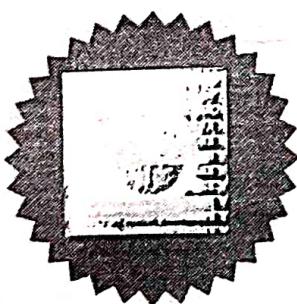
Reg. No.:2002349714/RG

The Syndicate of the Anna University Chennai hereby makes known that  
**RADHAKRISHNAN 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 2008.

*Title of the thesis:*

INVESTIGATIONS ON IMPROVING THE PERFORMANCE OF CDMA  
COMMUNICATION SYSTEMS USING MULTIUSER DETECTION  
TECHNIQUES

*Given under the Seal of the University*



Chennai 600 025  
India  
December 2008

Controller of Examinations

*V. Jayaraj*

*S. Sugunan*  
Registrar

*S. Sugunan*  
Vice-Chancellor  
PRINCIPAL,  
SRI SHANMUGHA COLLEGE OF  
ENGINEERING & TECHNOLOGY,  
PULLIPALAYAM, MORUR-637304,  
TANJAVUR (T.N.)

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# Anna University



Reg.No.71110531013/RG

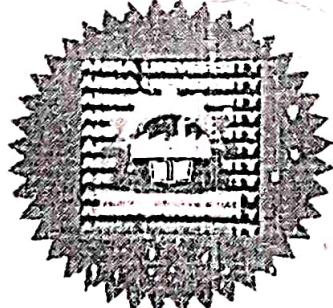


The Syndicate of the Anna University hereby makes known that MARUTHI SHANKAR B has been admitted to the DEGREE OF DOCTOR OF PHILOSOPHY under the Faculty of Information and Communication Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year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

Title of the Thesis:

DESIGN, IMPLEMENTATION AND PERFORMANCE ANALYSIS OF TERNARY CMOS LOGIC CIRCUITS

Given under the seal of the University



Chennai 600025  
India  
December 2018

*T. S. Primal*  
Controller of Examinations  
Registrar

*[Signature]*  
PRINCIPAL  
SRI SHANMUGA COLLEGE OF  
ENGINEERING & TECHNOLOGY,  
PULLIPALAYAM, MORUR-637304.  
SANKAGIRI(TK). SALEM(DT). T.N.

# Anna University



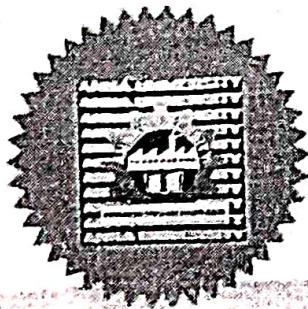
Reg. No. 2006269104RG

The Syndicate of the Anna University hereby makes known that SUNDARAMOORTHY 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 2013.

*Title of the Thesis:*

EXPERIMENTAL INVESTIGATION ON HYDRODYNAMIC,  
SUSPENSION AND MIXING TIME CHARACTERISTICS OF JET MIXER

Given under the Seal of the University



Chennai 600 025  
India  
March 2013

J. Som  
Controller of Examinations

R. Ravanan  
Registrar

PRINCIPAL  
SRI SHANMUGHA COLLEGE OF  
ENGINEERING & TECHNOLOGY,  
POLLIPALAYAM, MORUR-637304,  
TANJAVUR DISTT., SALEM(DT), T.N.

# Anna University



Reg.No. 1313219847/RG

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

*Title of the Thesis:*

INVESTIGATION OF CRYOGENIC COOLING IN MICRO EDM DRILLING PROCESS

*Given under the Seal of the University*



Chennai 600 025  
India  
May 2017

Controller of Examinations  
*[Signature]*

Registrar  
*[Signature]*

PRINCIPAL  
SRI SHANMUGHA COLLEGE OF  
ENGINEERING & TECHNOLOGY,  
PULHPALAYAM, MOGR-637 304.  
Chairman, Convener Committee  
Vice-Chancellor  
*[Signature]*

**காம்பியல் கல்லூரி**  
Coimbatore

On the recommendation of the  
Academic Council and the Board of Management  
hereby confers upon

**SELVARAJ, P.K.**

the degree of

**Doctor of Philosophy**

in SOIL AND WATER CONSERVATION

(Faculty of Agricultural Engineering)

he/she having qualified to receive the same  
securing an Overall Grade Point Average

of 8.81 out of 10.00 in the year 1997

together with all the honours and distinctions belonging to this degree

Given under the seal of the University



Coimbatore

Date : 12. 03 . 1998

  
**A. ABDUL KAREEM**  
**Vice-Chancellor**

  
**PRINCIPAL,**  
**SRI SHANMUGHA COLLEGE OF**  
**ENGINEERING & TECHNOLOGY,**  
**PULLIPALAYAM, MORUR-637304,**  
**SANKAGIRI(TK).SALEM(DT).T.N.**



# SATHYABAMA UNIVERSITY

(Established under section 3 of UGC Act, 1956)

(A CHRISTIAN MINORITY INSTITUTION)

சத்யபாமா பல்கலைக்கழகம்  
 பல்கலைக்கழக மானியக் குழுப்பில் 3. சப்டம் 1956-ன் கீழ் நிறுவப்பட்டது  
 (கிறித்துவ சிறுபான்மையினர் கல்வி நிறுவனம்)

FACULTY OF SCIENCE AND HUMANITIES  
 (CHEMISTRY)



The Board of Management of Sathyabama University, hereby makes known that

**SARAVANAN. D.**

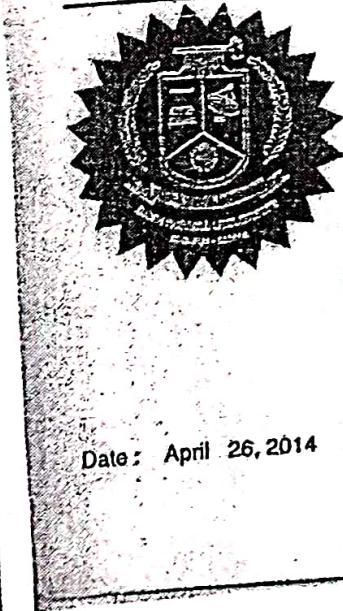
has been conferred

the **DEGREE OF DOCTOR OF PHILOSOPHY**, having been certified by duly appointed  
 examiners to be qualified to receive the same on NOVEMBER 09, 2013 for the thesis entitled

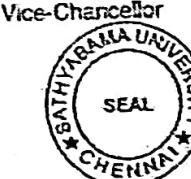
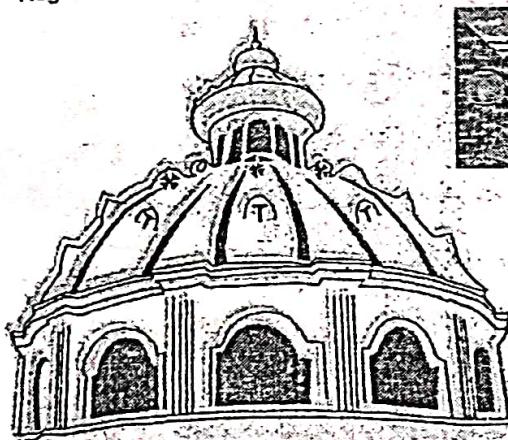
**SYNTHESIS AND CHARACTERISATION OF CHITIN BASED BIOPOLYMERS FOR HEAVY  
 METALS CONTAMINATED TANNERY INDUSTRY EFFLUENT TREATMENT**

Given under the seal of the university, at chennai this TWENTY SIXTH day of  
 April 2014

Given under the seal of the University



*Saravanan D.* *R. J. Sekar*  
 Registrar Director Director Vice-Chancellor



Jeppiaar Nagar, Chennai - 600119,  
 Tamil Nadu, INDIA

**PRINCIPAL,**  
**SRI SHANMUGHA COLLEGE OF**  
**ENGINEERING & TECHNOLOGY,**  
**PULLIPALAYAM, MORUR-637304.**  
**SANKAGIRI(TK), SALEM(DT), T.N.**



Reg No. 7077012127

The Syndicate of the Anna University Coimbatore hereby makes known that  
**NAGASHANMUGAM K B** 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 2011.

*Title of the thesis:*

EVALUATION OF LEAD(II) AND CHROMIUM(VI) REMOVAL BY  
CARBONS DERIVED FROM OILCAKE OF SESAMUM INDICUM

ANNA UNIVERSITY COIMBATORE PEGNATHAPURAM, COIMBATORE, TAMIL NADU, INDIA, ANNA UNIVERSITY COIMBATORE, ANNA

Given under the seal of the University



Coimbatore 641 047  
India  
March 2012

Controller of Examinations

*[Signature]*

Registrar

*[Signature]*

PRINCIPAL,  
SRI SHANMUGHA COLLEGE OF  
ENGINEERING & TECHNOLOGY,  
PULLIPALAYAM, MORUR-637304.  
SANKAGIRI(TK), SALEM(DT), T.N.

Reg. No. : M/E/08/01



**HINDUSTAN  
UNIVERSITY**

HINDUSTAN INSTITUTE OF TECHNOLOGY & SCIENCE

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



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

**SENGOTTUVEL P**

the degree of

**Doctor of Philosophy**

In the Department of Mechanical Engineering

for successfully completing the prescribed programme of study and presenting the thesis titled  
Optimization of EDM Process Parameters in  
Machining of Inconel 718 Material

Given on this day, the 21st of NOVEMBER 2013.

Given under the Seal of the University

REGISTRAR

Shane Indra  
VICE-CHANCELLOR

Chandru  
CHANCELLOR

DATE 21-11-2013

Chennai India

PRINCIPAL,  
SRI SHANMUGHA COLLEGE OF  
ENGINEERING & TECHNOLOGY,  
PULLIPALAYAM. MORUR-637 304.  
BANKAGIRI(TK). SALEM(DT), T.N.

# Anna University



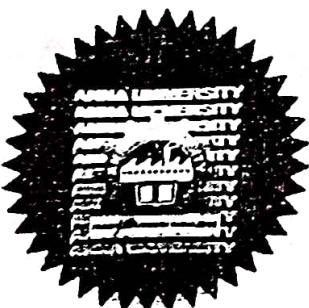
Reg.No. 4086032111/RG

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

Title of the Thesis:

A STUDY AND ANALYSIS OF FLEXIBLE MANUFACTURING SYSTEM  
USING PETRI NET CONCEPT

Given under the Seal of the University



Chennai 600 025  
India  
May 2017

Controller of Examinations

Registrar

PRINCIPAL,  
SRI SHANMUGA COLLEGE OF  
ENGINEERING & TECHNOLOGY,  
PULLIPALAYAM, MORUR-637 304.  
SANKAGIRI(TK). SALEM(DT). T.N.  
Chairman, Convener Committee  
Vice-Chancellor

Noorul Islam Centre for Higher Education

(Deemed-to-be University under section 3 of UGC Act 1956)

Noorul Islam University

Reg. No.: 0109906204

The Board of Management of the Noorul Islam Centre for Higher Education hereby makes known that **STALIN JOSE Y** has been admitted to the **Degree of Doctor of Philosophy** in **Civil Engineering** under the **Faculty of Civil Engineering**, having completed the prescribed programme of study and having been certified by the duly appointed examiners to be qualified to receive the same in June 2016.

*Title of the Thesis:* INVESTIGATION INTO FLEXURAL BEHAVIOUR OF FRP STRENGTHENED RC BEAMS OF VARYING STRENGTH.

Given under the seal of the University

NICHE NICHE

13 AUG 2016

Dated :

Kumarcoil-629 180  
Kanyakumari Dist.,  
Tamilnadu,  
India.

  
Controller of Examinations



  
Registrar

  
PRINCIPAL,  
SRI SHANMUGHA COLLEGE OF  
ENGINEERING & TECHNOLOGY,  
PULIKALAYAM, MOBUR-637 304.  
SANKAGHAT(TKT), SALEM(DT), T.N.  
Vice-Chancellor

# Anna University



Reg. No. 7089053101/RG

The Syndicate of the Anna University hereby makes known that  
**ABDUL SHABEER H** 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 ANALYSIS, DESIGN AND PRECAUTIONARY MEASURES ON  
PREVENTING MOBILE PHONE ACCIDENTS AND ITS  
COST-EFFECTIVE FATALITIES

Given under the Seal of the University

  
PRINCIPAL,  
SRI SHANMUGHA COLLEGE OF  
ENGINEERING & TECHNOLOGY,  
TIRUPATI PALAYAM, MGRUR - 637304.  
TIRUCHIRAPPALAYAM, TAMIL NADU, INDIA.

**பெரியார்  
மணியம்மை  
பல்கலைக்கழகம்**  
வினா பதில் வெளியிடுதல் துறை இயக்குங்கு  
தொடர்பாடு நிறுவனம்  
இயல்வெளியிடல் நிறுவனம்  
இயல்வெளியிடல் நிறுவனம் • புத்தரக்கும் • புதுவை



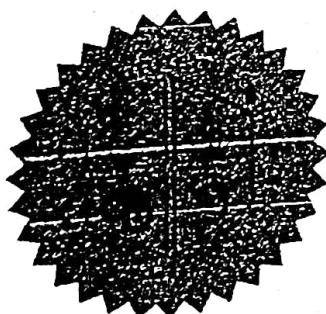
**PERIYAR  
MANIAMMAI  
UNIVERSITY**  
(Under Sec. 3 of UGC Act, 1956) • NAAC Accredited  
think • innovate • transform

பெரியார் மணியம்மை பல்கலைக்கழக ஆணைக்குழு, உவடாராணி வர சு. என்பவர், ஜூலை 2017-ஆம் ஆண்டு மின்னணுவியல் மற்றும் தொடர்பியல் பொறியியல் துறையில் முனைவர் பட்டத்திற்கு தகுதி பெற்றவர் என்று முறையாக அமைக்கப்பெற்ற தேர்வாளர்கள் சான்றளித்தபடி, முனைவர் பட்டத்தை பல்கலைக்கழக திசைசினையுடன் வழங்குகிறது.

**The Board of Management of Periyar Maniammai University hereby makes known that Usharani L.S. has been conferred with the degree of DOCTOR OF PHILOSOPHY in Electronics and Communication Engineering after having been certified by duly appointed examiners to be qualified to receive the same in July 2017 for the thesis entitled:**

**Design and Development of Filters for Image De-Noising In Video Processing Application**

**SUBJECT : ELECTRONICS AND COMMUNICATION ENGINEERING**



*Given under the seal of the University*

Dated : 28-08-2017  
வாழ்வு, தென்மேற்கு, தமிழ்நாடு, தாங்கும்,  
வல்லம்-613 403, Thanjavur,  
Tamilnadu, India.

*[Signature]*  
தொலை வந்தியாளர்  
Controller of Examinations

*[Signature]*  
L.S. Suresh  
Registrar

*[Signature]*  
PRINCIPAL,  
SRI SHANMUGA COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PULLIPALAYAM, MORUR-617304  
SANKAGIRI(TK) SALEM(DT), T.N.  
Vice-Chancellor

# Concordia University

Montreal            Canada

*It is certified that*

**Chirima H.J. Ganesh Babu**

*Having completed the required course of study and having complied with all  
other requirements of the University is hereby admitted to the degree of*

**Doctor of Philosophy**

*In testimony whereof we have affixed our signatures and the seal  
of the University this nineteenth day of October 2001.*

Danielle Torni  
SECRETARY, BOARD OF GRADUATES

Mellic Enne  
PROVOST

E. Miller  
PRESIDENT

**PRINCIPAL,  
SRI SHANMUGHA COLLEGE OF  
ENGINEERING & TECHNOLOGY,  
PULLIPALAYAM, MORUR-637304.  
SANKAGIRI(TK), SALEM(DT), T.N.**

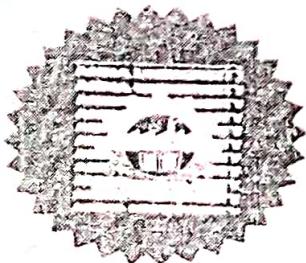


Reg. No. 2002249100 86

The Syndicate of the Anna University Chennai hereby makes known that  
MANOHLARAN C 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 2008.

Title of the thesis:

DYNAMIC ANALYSIS OF HYDRODYNAMIC BEARING PERFORMANCE  
IN IC ENGINES USING DESIGN OF EXPERIMENTS



Given under the Seal of the University

Chennai 600 025  
Tamil Nadu  
India  
Date: 26/08/2008

V. Jayaraj  
Controller of Examinations

B. Suganya  
Registrar

Ramamurthy  
Vice-Chancellor

PRINCIPAL,  
SRI SHANMUGHA COLLEGE OF  
ENGINEERING & TECHNOLOGY,  
PULLIPALAYAM, MORUR-637304.  
SANKAGIRI(TK).SALEM(DT).T.N.



Reg. No. 2006259703/RG

The Syndicate of the Anna University hereby makes known that  
**RAJKUMAR 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 2012.

*Title of the Thesis:*

EXPERIMENTAL INVESTIGATION OF OXYGEN ENRICHED  
COMBUSTION SYSTEM IN A SINGLE CYLINDER DIESEL ENGINE

*Given under the Seal of the University*



PRINCIPAL,  
SRI SHANMUGHA COLLEGE OF  
ENGINEERING & TECHNOLOGY,  
PULLIPALAYAM, MORUR-637304.  
SANKAGIRI(TK). SALEM(DT). T.N.

Noorul Islam Centre for Higher Education

Approved-to-be-University under section 3 of UGC Act 1956  
Noorul Islam University

Reg. No. 1111917101

The Board of Management of the Noorul Islam Centre for Higher Education hereby makes known that ANISH R has been admitted to the **Degree of Doctor of Philosophy** in **Mechanical Engineering** under the title of **Mechanical Engineering**, based on the prescribed programme and having been certified as duly completed examined and qualified to receive the same in June 2015.

Title of the Thesis : **DEVELOPMENT AND CHARACTERIZATION OF NOVEL MAGNESIUM NANO COMPOSITE USING POWDER METALLURGY.**

Date : 10.06.2015 Seal of the Institute

RECEIVED ON 10.06.2015 FOR CHECKING NAME INCHARGE LIBRARY SRI SHANMUGHA COLLEGE OF ENGINEERING & TECHNOLOGY

Date

10.06.2015

Signature : ...  
Name : ...  
Designation : ...  
Date : ...

Signature : ...  
Name : ...  
Designation : ...  
Date : ...



Signature : ...  
PRINCIPAL,  
SRI SHANMUGHA COLLEGE OF  
ENGINEERING & TECHNOLOGY,  
PULLIPALAYAM, MORUR-637304,  
SANKAGIRI(TK), SALEM(DT), T.N.



Reg. No.:2003279708/RG



The Syndicate of the Anna University Chennai hereby makes known that  
**MURUGESAN P** 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 2009.

Title of the thesis:

**ANALYSIS AND SELECTION OF THIRD PARTY REVERSE LOGISTICS  
PROVIDER**



Given under the Seal of the University

Chennai 600 025  
India  
February 2010

V. M. J. S.  
Controller of Examinations

S. Jayaram  
Registrar

Ramamurthy  
Vice-Chancellor

PRINCIPAL,  
SRI SHANMUGHA COLLEGE OF  
ENGINEERING & TECHNOLOGY,  
PULLIPALAYAM, MORUR-637104.  
SANKAGIRI(TK).SALEM(DT).T.N.



Reg. No. 102539723 RG

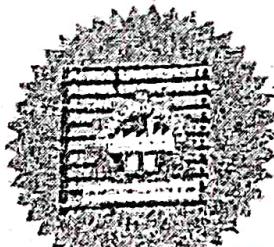


The Syndicate of the Anna University hereby makes known that ELAKKIYA T has been admitted to the DEGREE OF DOCTOR OF PHILOSOPHY under the Faculty of Technology, having been certified by the duly appointed examiners to be qualified to receive the same in the year 2014. The degree has been awarded in compliance with the University Grants Commission, Regulations 2009.

*Title of the Thesis:*

PREPARATION AND CHARACTERISATION OF ELECTROSPUN POLY-L-LACTIDE BASED MICRO AND NANOFIBERS FOR BIOMEDICAL APPLICATIONS

*Selvi attended  
T.S. Committee*



Given under the Seal of the University

Chennai 600 025  
India  
November 2014

7. *[Signature]*  
Controller of Examinations

*[Signature]*  
Registrar

*[Signature]*  
Vice-Chancellor

37

PRINCIPAL,  
SRI SHANMUGHA COLLEGE OF  
ENGINEERING & TECHNOLOGY,  
PULLIPALAYAM, MORUR-637 304.  
TADAGALPATTI (TALUK), T.N.

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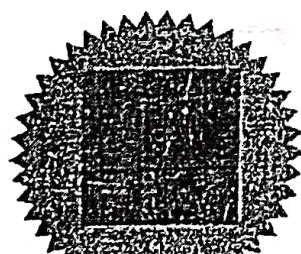
Reg.No. 2814719128/RG

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

*Title of the Thesis:*

DEVELOPMENT AND CHARACTERIZATION OF SKELETAL MODIFIED TETRAGLYCIDYL EPOXY MATRICES AND NANOCOMPOSITES

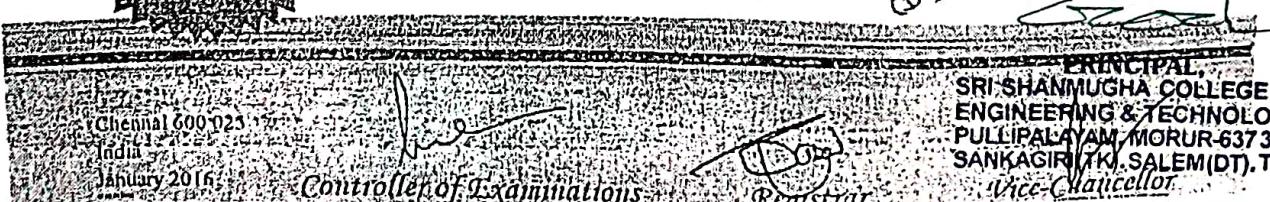
Given under the Seal of the University



M.J. [Signature]

1/10/2016

J.S. [Signature]  
(Co-Dep. 100%)





MTZ0403

# National Institute of Technology

TIRUCHIRAPPALLI - 620 015 INDIA

hereby confers the degree of

**Doctor of Philosophy**

of the Institute

on

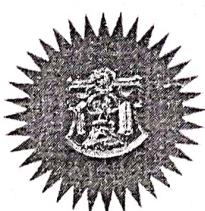
**SENTHIL KUMAR M**

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

**STUDIES ON TRIBOLOGICAL BEHAVIOUR OF THERMAL SPRAYED CERAMIC AND  
CARBIDE COATINGS FOR POWER PLANT AND AUTOMOBILE COMPONENTS**

Given this day the First of October, 2011

Under the Seal of the Institute.



*S. Dhanush*  
Registrar

*D. Srinivasan*  
Director

*Rajiv Nitayal*  
Chairman, Board of Governors

*[Signature]*  
PRINCIPAL,  
SRI SHANMUGHA COLLEGE OF  
ENGINEERING & TECHNOLOGY,  
PULLIPALAYAM, MORUR-637304,  
SANKAGIRI(TK), SALEM(DT), T.N.

Reg. No. 1106.



அறிவியற் பலம்  
FACULTY OF SCIENCE

மனோன்மணியம் சுந்தரனார் பல்கலைக்கழகம் திட்டத்திற்கு

பொக்கன், ரெட் -

அரசு உயர் பெறுதல்த் தலையமைவு முறைக் கலைப்பள்ளி  
கேஷவன் என்னிட்டை, ஜெனவரி 2005 தீர் தீர்த்த திட்ட  
பொதுப் பொதுப் பொதுப் பொதுப் பொதுப் பொதுப் பொதுப் பொதுப்

நிலைத் துணைத் திட்ட அமைச்சர் திட்ட அமைச்சர்

The Syndicate of the MANONMANIAM SUNDARANAR UNIVERSITY  
hereby makes known that Mahan, M. -

has been admitted to the Degree of Doctor of Philosophy, he / she  
having been certified by duly appointed Examiners, to be qualified to  
receive the same in the year January 2005.



*Given under the seal of the University.*

*Selv. ad. 2005*

திட்டத்திற்கு  
கலைப்பள்ளி  
கேஷவன், ஜெனவரி 2005  
திட்டத்திற்கு  
கலைப்பள்ளி  
கேஷவன், ஜெனவரி 2005

திட்டத்திற்கு  
கலைப்பள்ளி  
கேஷவன், ஜெனவரி 2005

திட்டத்திற்கு  
கலைப்பள்ளி  
கேஷவன், ஜெனவரி 2005

PRINCIPAL,  
SRI SHANMUGHA COLLEGE OF  
ENGINEERING & TECHNOLOGY,  
PULLIPALAYAM, MORUR-637304.  
SANKAGIRI(TK).SALEM(DT).T.I.



பாரதியர் பல்கலைக் கழகம்  
Bharathiar University

சமூக அறிவியல் புலஸ்

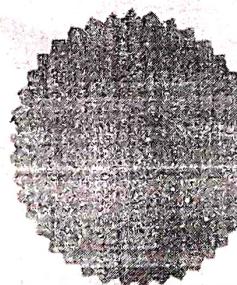
FACULTY OF SOCIAL SCIENCES

பாரதியர் பல்கலைக் கழகத்தால் முனியாக அமைக்கப்பட்ட தேர்வாளர் தமிழ்  
செந்தில்குமார் வி. மு. 2010-ஆம் ஆண்டு டிராயர் 20-ஆம் நாளில் மேலாண்மையியல்  
எனது பிரேரணை ஆய்வியல் அறிஞர் என்றும் பொது பெரும் துறையின்போகாகச் சான்றளிக்கவே  
ஏன். முனியாக அமைக்கப்பட்டு வருகிறது நீங்கள் நீங்கள் நீங்கள்  
பாரதியர் பல்கலைக் கழக ஆட்சிக் குழு அமைக்கின்றது

The Syndicate of the Bharathiar University hereby makes known that **SENTHILKUMAR V.M.**  
has been admitted to the Degree of **DOCTOR OF PHILOSOPHY** in **MANAGEMENT**,  
having been certified by duly appointed Examiners to be qualified to receive the same on 20th DECEMBER 2010.

*Self Attested  
After*

Given under the Seal of the University



Coimbatore

3700

Dated 24th November 2011

K. G. Senthil Kumar

Controller of Examinations

Registrar

*[Signature]*  
**PRINCIPAL,**  
**SRI SHANMUGHA COLLEGE OF**  
**ENGINEERING & TECHNOLOGY,**  
**PULLIPALAYAM, MORUR-637304,**  
**SANKAGIRI(TK), SALEM(DT), T.N.**

60660/08/04/008/21



## विद्या-वाचस्पति

प्रमाणित किया जाता है कि दिसंबर 2004 में रुक्नालिसिस एप्ड  
आइएटीफिकेशन जॉक मल्टीप्ल ऐरामीटर डैम्प्ट सिस्टम द्र बिल्डिंग्स  
पर शोध-प्रयोग स्वीकृत हो जाने के उपरान्त ऊर्जांचन एस  
को 2005 के दीक्षांत-तमारोह में इस विश्वविद्यालय की विद्या-वाचस्पति की उपाधि  
प्रदान की गई।

CHHATTISGARH UNIVERSITY

DOCTOR OF PHILOSOPHY

This is to certify that Aramagantham S.  
after approval of his/her thesis on Analysis and Identification  
of Multiple Parameter Damped System to Buildings,  
December 2004, has been admitted to the degree of  
Doctor of Philosophy in this University at the Convocation  
held in 2005

*Feb 05/05*  
*[Signature]*

PRINCIPAL,  
SRI SHANMUGA COLLEGE OF  
ENGINEERING & TECHNOLOGY,  
PULLIPALAYAM, MORUR-637304.  
SANKAGIRI T.O, SALEM  
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प्राप्तिक्रम द्वारा प्रदत्त प्रस्तुति

Sri Jagdishprasad Thabarmal Tibrewala University, Jhunjhunu  
श्री जगदीशप्रसाद झावरमल टिबड़ेवाला विश्वविद्यालय, झुंझुनूं



## डॉक्टर ऑफ़ फिलोसोफी

प्रमाणित किया जाता है कि रामानाथन पी. जे द्वा  
विश्वविद्यालय के इंजीनियरिंग संकाय के अन्तर्गत डॉक्टर ऑफ़ फिलोसोफी  
की सारी सेवा के बर्ध 2013 में क्रिएटिव किया गया।

वाके शोध प्रबन्ध का विषय निम्नलिखित था :-

• A Study on Network Using Zigbee & Its Application.

## DOCTOR OF PHILOSOPHY

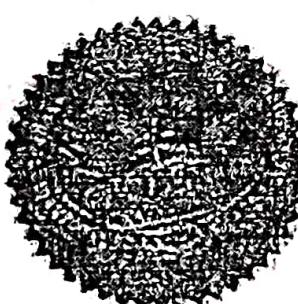
This is to certify that **Ramanathan .P** has been  
awarded the degree of **Doctor of Philosophy** in the faculty  
of **Engineering** of this university in the year 2013.

The title of his/her thesis was:-

A Study on Network Using Zigbee & Its Application.

Signature

Self Attested  
Date:



25 January 2013

Signature

Vice-Chancellor/President  
नग्नासि / अध्यक्ष

Signature

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