



பாரத் பல்கலைக்கழகம்

**Bharath University**

Bharath Institute of Higher Education and Research  
(Declared under section 3 of the UGC Act 1956)



FACULTY OF ENGINEERING

The Board of Management of the Bharath University hereby makes known that T PEARSON born on 04-Apr-1970 has been admitted to the Degree of DOCTOR OF PHILOSOPHY in ELECTRONICS ENGINEERING, he/she having satisfactorily completed the prescribed programme of study and having been certified by duly appointed examiners to have qualified to receive the same at the Examination held on SEPTEMBER 2011 with Registration Number D07EC018

Thesis Title :

Analysis and Electromagnetic Compatible Design for Digital Integrated Circuits



Given under the Seal of the University.

DATE 18 DEC 2011  
173, Agaram Road,  
Chennai-600 073  
Tamil Nadu

*M. Premjevakumar*  
CONTROLLER OF  
EXAMINATIONS

Dr. M. PREMJEYAKUMAR  
B.Sc., B.Tech., M.E., Ph.D.

*S. M. Rajendran*  
REGISTRAR

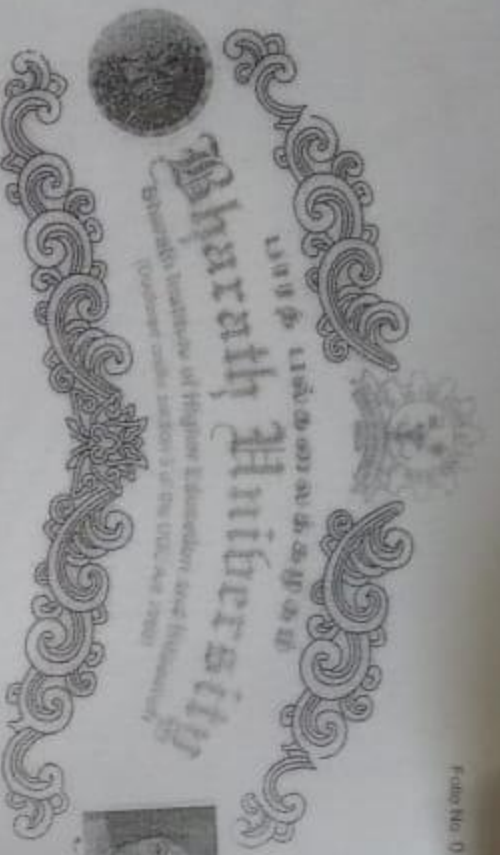
Dr. Prof. S.M. RAJENDRAN  
M.D., F.R.C.P.(U.K.), FIMSA,

*K.P. Thooyamani*  
VICE-CHANCELLOR

Dr. K.P. THOYAMANI  
B.E., M.B.A., M.Sc.(Engg.), Doctoral Ph.D.

ATTY  
RTMENT

File No. 0115024

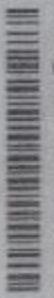


FACULTY OF ENGINEERING

The Board of Management of the Bharath University hereby makes known that P.M. BEULAH DEVAMALAR born on 23-Mar-1973 has been admitted to the Degree of DOCTOR OF PHILOSOPHY in COMPUTER SCIENCE, he/she having satisfactorily completed the prescribed programme of study and having been certified by duly appointed examiners to have qualified to receive the same at the Examination held on MAY 2009 with Registration Number D06CS010

Thesis Title :

Object Oriented Design and Implementation of Real Time Web Centric Diabetes Diagnosis Tele Medicine System.



Given under the Seal of the University.



DATE 18 DEC 2011  
3, Agaram Road,  
Chennai-600 073

Printed By

*[Signature]*  
CONROLLER OF  
EXAMINATIONS

Dr. M. PREMALAKSHMI  
B.Sc., B.Tech, M.E., Ph.D.

*[Signature]*  
REGISTRAR

Dr. Prof. S.M. RAJENDRAN  
Ph.D., M.C.A., M.B.A.

*[Signature]*  
VICE CHANCELLOR

Dr. K.P. THIRUVARUR  
M.A., M.B.A., M.C.A., M.B.A.



# Anna University



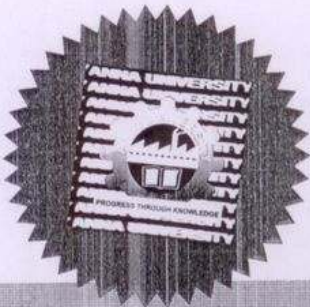
Reg.No. 2006569104/RG

*The Syndicate of the Anna University hereby makes known that*  
**SAMI DURAI K** *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* **2012**.

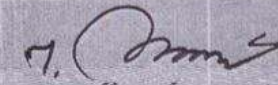
*Title of the Thesis:*

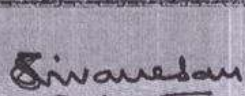
**CERTAIN STUDIES ON ENERGY SAVING SCHEMES FOR THE SPEED CONTROL OF CAPACITOR-RUN FAN MOTORS**

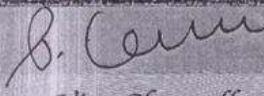
*Given under the Seal of the University*



Chennai 600 025  
India  
March 2013  
14R073017

  
Controller of Examinations

  
Registrar

  
Vice-Chancellor



மதுரை காமராசர் பல்கலைக்கழகம்  
Madurai Kamaraj University  
UNIVERSITY WITH POTENTIAL FOR EXCELLENCE



FACULTY OF ARTS - ENGLISH  
கலையியற் புலம் - ஆங்கிலம்

2009 ஆம் ஆண்டில் மதுரை காமராசர் பல்கலைக்கழகத்தில்

ஆய்வு நிகழ்த்தி வழங்கிய ஆய்வேட்டுக்காக 23-11-2009 நாளன்று முனைவர் பட்டம் பெறத் தகுதியுடையவர் என்று தக்க தேர்வாளர்களால் சான்றளிக்கப்பட்டு பிருந்தா தேவி, அ.

என்பவருக்கு முனைவர் பட்டம் அளிக்கப்படுகிறது என்று மதுரை காமராசர் பல்கலைக்கழக ஆட்சிப் பேரவை அறிவிக்கின்றது.

மதுரை காமராசர் பல்கலைக்கழக இலச்சினையுடன், மதுரையில் 2010 ஆம் ஆண்டு

அக்டோபர் திங்கள் 11 ஆம்நாள் அளிக்கப்பட்டது.

The Senate of the Madurai Kamaraj University hereby makes known that

BRINTHA DEVI, A.

has been conferred the

DEGREE OF DOCTOR OF PHILOSOPHY

he / she having been certified by duly appointed Examiners to be qualified to receive the same as on 23-11-2009

Given under the seal of the Madurai Kamaraj University, at Madurai this 11<sup>th</sup> day of October 2010

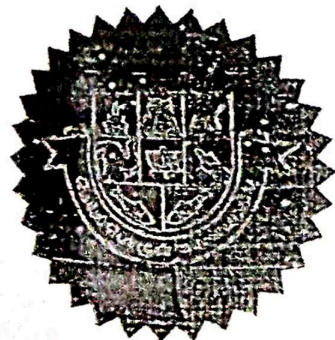
Title of the Thesis :

"IMPACT OF POST-MODERNISM IN NAYANTARA SAHGAL'S NOVELS"

Subject Area : ENGLISH

  
PRINCIPAL

PRATHYUSHA INSTITUTE OF  
TECHNOLOGY AND MANAGEMENT  
ARANVOYALKUPPAM, THIRUVALLUR-602 025



A. Brintha Devi





.....பொறியியல் புலம்  
FACULTY OF ENGINEERING

2002 ஆம் ஆண்டில் சென்னைப் பல்கலைக்கழகத்தில் ஆய்வு நிகழ்த்தி  
வழங்கிய ஆய்வேட்டுக்காக முனைவர் பட்டம் பெறத் தகுதியுடையவர் என்று தக்க  
தேர்வாளர்களால் சான்றளிக்கப்பட்டு மகாதேவன் சு  
என்பவருக்கு முனைவர் பட்டம் அளிக்கப்படுகிறது என்று சென்னைப் பல்கலைக்கழகப் பேரவை  
அறிவிக்கிறது.

சென்னைப் பல்கலைக்கழக இலச்சினையுடன், சென்னையில் 2003 ஆம் ஆண்டு  
அக்டோபர் திங்கள் 9 ஆம் நாள் அளிக்கப்பட்டது.

*The Senate of the University of Madras hereby makes known that*  
MAHADEVAN S *has been conferred 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 2002.*

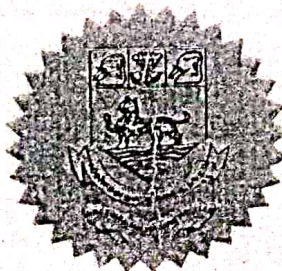
*Given under the seal of the University of Madras, at Chennai this*  
*9<sup>th</sup> day of October 2003.*

*Title of the Thesis :*

ஆய்வுத் தலைப்பு :

"Commitment to Service Quality and Customer  
Satisfaction in Indian Banking Sector" (Industrial  
Engineering-Management Studies) (Inter-disciplinary)

S. L. Srinivasan  
பதிவாளர்  
Registrar



*[Signature]*  
துணை வேந்தர்  
Vice-Chancellor



**B.S. ABDUR RAHMAN  
UNIVERSITY**

B.S. Abdur Rahman Institute of Science & Technology  
(Established Under Section 3 of the UGC Act 1956)



*By the authority of the Board of Management  
and upon the recommendation of  
School of Computer, Information and Mathematical Sciences*

**B. S. Abdur Rahman University confers upon**

**SIVARAM KUMAR. M.P**

*the degree of*

**Doctor of Philosophy in Computer Science and Engineering  
with all its rights, privileges and honours  
for successfully completing the prescribed programme of study and  
presenting the thesis entitled "Grid Based Path Planning Algorithms for  
Extinguishing Forest Fires" in July 2013**

**Given under the seal of the University,  
this Twenty Seventh day of October, Two Thousand and Thirteen**



**Registrar**



**Vice Chancellor**



M.P. S





Code No: BHUC-579-2015A

# பாரதிதாசன் பல்கலைக்கழகம் BHARATHIDASAN UNIVERSITY

Re-accredited with 'A' Grade by NAAC

Established by the Government of Tamil Nadu in 1962, Recognized by UGC under 2(f) and 12(B) of UGC Act,  
Member, Association of Indian Universities and Association of Commonwealth Universities

அறிவியல் புலம்  
FACULTY OF SCIENCE

பாரதிதாசன் பல்கலைக்கழக ஆட்சிக்குழு செப்டம்பர் 2015

ஆம் ஆண்டு	அ. சார்லஸ்	என்பவர்
வேதியியல்	பிரிவில்	முனைவர்
பட்டத்திற்குத் தகுதி பெற்றவர் என்று தக்க தேர்வாளர்கள் சான்றளித்தபடி		என்னும்
முனைவர்	என்னும்	பட்டத்தை
இலச்சினைபுடவ் வழங்குகிறது		அவருக்குப்
		பங்கயைக்கழக

The Syndicate of the BHARATHIDASAN UNIVERSITY hereby makes known that A. CHARLES has been admitted to the Degree of DOCTOR OF PHILOSOPHY, in the subject CHEMISTRY, having been certified by duly appointed Examiners to be qualified to receive the same in SEPTEMBER 2015.

Thesis Title

"PHYTOCHEMICAL AND BIOACTIVITY STUDIES OF ALSEODAPHNE SEMECARPIFOLIA NEES AND THUNBERGIA FRAGRANS ROXB"

Given under the seal of the University.




செய்தலுள்ள  
திருச்செங்கல்பட்டி

05th November 2015

சுருது  
Date

  
பதிவுரைப்பவர் Registrar

  
புள்ளியுள்ள Vice-Chancellor

J 033671

ISSUED ON 05-11-2015



# Anna University



The Syndicate of the Anna University hereby makes known that  
VANI R 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:

INVESTIGATION ON BIOMINERALIZATION OF URINARY CALCULI  
AND SYNTHESIS OF NANOBOMATERIALS

Given under the Seal of the University



Anna University  
Coimbatore

January 2012

*[Signature]*  
Controller of Examinations

*[Signature]*  
Registrar

*[Signature]*  
Vice-Chancellor



# Kakatiya University



## Faculty of Engineering & Technology

This is to certify that S. Venugopal  
son/daughter of N. Sathyanagopalan  
having pursued a course of study prescribed by this University and  
having passed the requisite Examination by thesis, has been admitted  
to the Degree of

### Doctor of Philosophy

(Awarded in July 2002)

The subject in which he/she presented a thesis for the Degree  
was (Chemistry)

"Synergistic Inhibition of Corrosion  
of Mild Steel Through Binary and Ternary  
Systems Containing Zinc Ions, Gluc, and  
Organic Additives"

Given under the seal of the University

V. Vandana Reddy  
Principal  
Regional Engineering College  
Warangal

Warangal

Dated CHAITRA 9, 1926  
MARCH 26, 2004

S. Venugopal  
7/13  
Vice-Chancellor



*Faculty of Civil Engineering*

*The Syndicate of the Anna University hereby makes known that*  
**THANIKACHALAM. M.**

*has been admitted to the Degree of Doctor of Philosophy*  
*having been certified by duly appointed Examiners to be qualified to*  
*receive the same in the year 2001.*

*Title of the thesis*      **MANAGEMENT OF CORAL REEF IN GULF**  
**OF MANHAR USING REMOTE SENSING AND GIS TECHNIQUES.**  
**WITH REFERENCE TO COASTAL GEOMORPHOLOGY AND**  
**LAND USE**



*Given under the Seal of the University*

*University Buildings,*

*Chennai - 600 025*

*Month and Year*

SEPTEMBER 2001

*[Signature]*  
*Registrar*

*[Signature]*  
*Vice-Chancellor*



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

**DIRECTOR (RESEARCH)**

**Lr.No.666/Ph.D/Sup/AR2/2004**

**Dated: 04-06-2004**

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

Ref: Res.No.62.151.05 of the 62.<sup>nd</sup> Ph.D. Board Meeting held on 31/05/2004

\*\*\*\*\*

I am to inform, that you are recognized as a Supervisor for guiding Ph.D. Research Scholars of this University under the faculty of **CIVIL ENGINEERING** in the area/s of "REMOTE SENSING AND GEOGRAPHICAL INFORMATION SYSTEM(GIS) FOR GOASTAL ZONE MANAGEMENT AND COASTAL PROCESSES".

The functions and responsibilities shall be as described in the Ph.D. regulations of Anna University.

Kindly quote the number 62.151.05 in all your future correspondence.

**Director (Research)**

TO ✓

DR. THANIKACHALAM.M  
ASSISTANT PROFESSOR  
DEPARTMENT OF CIVIL ENGINEERING SONA  
COLLEGE OF TECHNOLOGY,SALEM - 636005

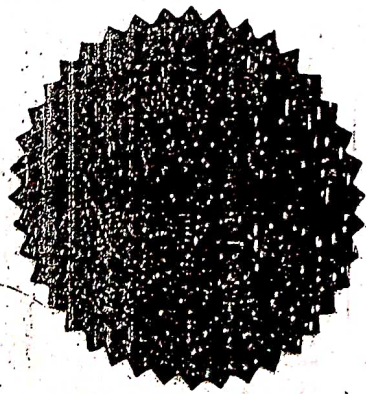
COPY TO: THE PRINCIPAL/DIRECTOR, ,SONA COLLEGE OF TECHNOLOGY,SALEM



சென்னைப் பல்கலைக்கழகம்  
University of Madras  
Faculty of  
Science

The Senate of the UNIVERSITY OF MADRAS hereby makes known that the Degree of Doctor of Philosophy in Chemistry has been conferred upon E. Natarajan he having been certified to be qualified to receive the same in the year 1986 together with all the Rights, Privileges and Honours appertaining thereto.

Given under the seal of the University, at Madras this 20<sup>th</sup> day of September 1986.



Registrar  
Registrar.

M. ...  
B.E., M.Sc., Ph.D. (Florida)  
M.A.S.C.E., F.I.E. (I)  
Vice-Chancellor.



Sl.No. 14/ 100480

Reg.No : 2008193151

# SATHYABAMA UNIVERSITY

(Established under section 3 of UGC Act, 1956)

(A CHRISTIAN MINORITY INSTITUTION)

சத்யபாமா பல்கலைக்கழகம்

(பல்கலைக்கழக மானியக் குழு பிரிவு 3, சட்டம் 1956ன் கீழ் நிறுவப்பட்டது)

(கிறித்துவ சிறுபான்மையினர் கல்வி நிறுவனம்)

FACULTY OF ELECTRICAL ENGINEERING



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

**KALAIMURUGAN. A**

has been conferred

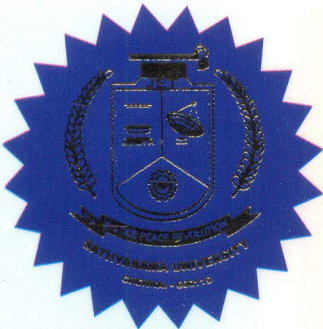
the **DEGREE OF DOCTOR OF PHILOSOPHY**, having been certified by duly appointed

examiners to be qualified to receive the same on **APRIL 25, 2014** for the thesis entitled

**PERFORMANCE EVALUATION OF SOLID STATE CIRCUIT BREAKER IN MULTI BUS SYSTEMS**

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

Given under the seal of the University



*[Signature]*

Registrar

*[Signature]*

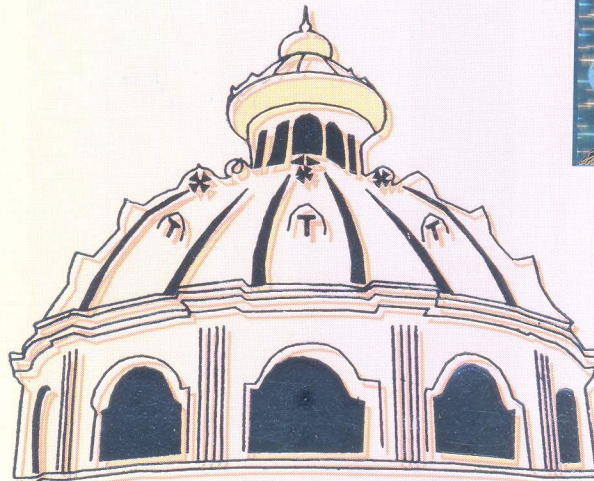
Director

*[Signature]*

Director

*[Signature]*

Vice-Chancellor





Date : April 26, 2014

Jeppiaar Nagar, Chennai - 600119,  
Tamil Nadu, INDIA.





Read by	
Verified by	





# Indian Institute of Technology Madras

*hereby confers the degree of*  
**Doctor of Philosophy**  
*of the Institute*  
*on*

**SENTHIL B**

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

**IMPROVING THE PERFORMANCE OF OFDM SYSTEMS  
AFFECTED BY SYNCHRONIZATION ERRORS**



EE03D011



*Given this day the Eighteenth of July, 2014*  
*under the seal of the Institute.*

*V.A.S.*  
Registrar

*B.M.*  
Director

*R. Subramanian*  
Chairman, Board of Governors

**ANNEXURE - II**

**ANNA UNIVERSITY  
CHENNAI - 600 025**

**INDIVIDUAL FACULTY DATA SHEET**

Affix  
passport  
size  
photograph

Name of the College : Prathyusha Institute of Tech & Mgmt.  
 Name of the Department : ECE  
 Name of the faculty member : Dr. V. Thulasi Bai  
 Present Designation : Professor & Dean / R&D, Vice Principal  
 Residential Address : 4B, Dev Apartments, T.T.K. Road, 1st cross St, Sei ram Nagar, Alwarpet Chennai-80.  
 Contact Nos. : Landline : Mobile 9840834086  
 Email :  
 Gender : Male / Female   
 PAN Number : Passport Number :  
 Date of Birth : 22.5.1969.

**I. Particulars of Educational Qualification \* :**

Category	Name of the Degree	Specialization	Year of Passing	Name of the College	Name of the University	% of Marks / Grades obtained	Class obtained
UG	B.E	ECE	1990	Madurai Kamaraj Univ			I class
PG	M.S	Electronics Control	1997	Bieta Institute of science & tech	Pilani		I class
Ph.D.		Telemedicine Using mobile N/w	2009	Sathyabama	Sathyabama University		

\* Enclose copies of certificates and testimonials duly attested by the faculty member and the principal as proof.

**I.a. Additional Qualification :**  
 i. GATE Score (In case of B.E. / B.Tech.)  
 ii. NET / SLET (In case of M.C.A. / M.Sc. / M.A.)

**II. Title of Ph.D. Thesis \* :**  
**III. Faculty in which Ph.D. was awarded :** ECE

**IV. Academic Experience as on April 2012 \* :**

Name of the College	Year of Experience			
	As Lecturer	As Asst. Professor	As Asso. Professor	As Professor
Sei ram Engr. college				31/8/09 to 31/5/11
Sei Saraiam engr college				11/6/02 to 31/7/09
Sei Saraiam "	(S.r. Tech)	11/6/02 to 31/5/07		
Sei saraiam engg. college	11/7/98 to 31/5/02			
Sei Anpalammon college B engr & tech	14/12/94 to 17/4/98			
Adhyaman engr. college	10/8/91 to 12/12/97			



**V. Industrial Experience \*:**

Name of the Organisation	Designation	Nature of Work	No. of Years	Total No. of years
IIT Madras (on Deputation)	Principal Project officers		From 3/12/10 to 1/3/11	

**VI. Other Relevant Information** : Patent/Award : Registered : 2.

Books : Magazine : Wireless News for e-health

Publications : Journals : National : 1 Int : 14

Conferences : National Int : 22

Signature of the Faculty

Awarded young Scientist Award by DST,  
Govt. of India under Fast Track (Endorsement by the Principal)

Shree (Inspector's use only)

**VII. Remarks of Certificate Verifying Officer / Chairman of Inspection Committee:**

Eligible to hold the post of \_\_\_\_\_

Verifying Officers

CHAIRMAN  
Inspection Committee

PRATHYUSHA  
INSTITUTE OF TECHNOLOGY AND MANAGEMENT

*Where learning never stops*

Approved by AICTE & Affiliated to Anna University, Accredited by National Board of Accreditation (NBA)

ISO 9001: 2000 Certified Institution

College Campus : Poonamallee - Tiruvallur Road, Aravoyal Kuppam, Chennai - 602 025, Tamilnadu.

Tel : 044-3767 3767, 2762 0512 Fax : 91-44-3767 3703

E-mail : admin@prathyusha.in / prathyusha12@dataone.in , Website : www.prathyusha.in

Proc.No.:PITAM/EST-15/Appointment/2012

31.08.12

**Sub: Dr.V.Thulasi Bai, Dean(R&D)- Appointed as Vice Principal- Orders- Issued.**

The management is pleased to inform that Dr.V.Thulasi Bai is appointed as Vice Principal and will take charge with effect from 27<sup>th</sup> August, 2012 F.N.

All are requested to extend their support and cooperation.



To

Dr.V.Thulasi Bai

Copy to:

All Deans/Director/HODs- with a request to circulate among the staff members

MR/FM

OM,PED, Exam Cell, Library, Disciplinary Committee, All Notice Boards.

  
CHAIRMAN  
CHAIRMAN

PRATHYUSHA INSTITUTE  
TECHNOLOGY & MANAGEMENT  
POONAMALLEE THIRUVALLUR ROAD,  
ARAVOYALKUPPAM, THIRUVALLUR,  
CHENNAI-602 025.



JOINING REPORT

Date: 27.08.2012

From

Dr.V. Thulasi Bai,  
Vice-Principal,  
Prathyusha Institute of Technology and Management.  
Poonamallee – Tiruvallur High Road  
Aranvoyaluppam – 602 025  
Tiruvallur District

To

The Principal  
Prathyusha Institute of Technology and Management  
Poonamallee – Tiruvallur High Road  
Aranvoyaluppam – 602 025  
Tiruvallur District

Sir

Sub: Joining report on 27..08.2012

With reference to your Appointment Order dated 31.08.2012. I joined duty as  
Vice -Principal with effect from 27.08.2012 F/N.

Thanking you

Yours faithfully

v. Thulasi Bai



PRATHYUSHA  
INSTITUTE OF TECHNOLOGY AND MANAGEMENT

*Where learning never stops*

Approved by AICTE & Affiliated to Anna University, Accredited by National Board of Accreditation (NBA)  
ISO 9001 : 2000 Certified Institution

College Campus : Poonamallee - Tiruvallur Road, Aranvoyal Kuppam, Chennai - 602 025. Tamilnadu.

Tel : 044-3767 3767, 2762 0512 Fax : 91-44-3767 3703

E-mail : admin@prathyusha.in / prathyusha12@dataone.in • Website : www.prathyusha.in

Proc.No. PITAM/PR13/ 2011

Date:09.05.2011

Sub:Dr.V.Thulasai Bai-Appointed as Dean and RD in the Department of Electronics and Communication Engineering – Order issued.

Ref: Her Resume Dated: 04.03.10

Dr.V.Thulasai Bai is appointed as Dean and RD in the Department of Electronics and Communication Engineering of this college subject to the following terms and conditions.

She will be paid a basic pay of Rs.17,300 /- plus all allowances in the scale of pay 16400 – 450 – 20900 – 500 – 22400 and her total emoluments is Rs. 40,175/-.

As per the present practice, she will be provided a car for official purpose, free lunch and break fast at the college.

She will be governed by the rules and regulations framed / amended by the College Management from time to time. Casual leave will be as per the rules of the college.

The Management expects her to carry out all the assignments relevant to his position.

Extra classes are to be conducted for the weak students to ensure that all the students understand the subject completely and ensure high pass percentage in the University Examination.

It is the duty of the faculty to maintain discipline and ensure the rules and regulations of the college are followed by the students while in the class/laboratory, in the college campus and during travel from City to College.

As a Dean & RD, she will abide by the rules and regulations of the college, including dress code and be a role model to the students.

Contd.....



:2:

The College Management specifically emphasizes on the academic discipline, quality of teaching, regular attendances from teaching faculty.

She is not permitted to resign in the middle of the semester. She should give two months prior notice or pay an amount equal to two months salary as compensation in lieu of notice period and she will be relieved at the end of the semester only. It is her responsibility to complete the entire assignment assigned to her during the semester and get relieved at the end of the semester.

She can use all the college equipments properly with due diligence and ensure safety and take proper care at all times.

She should bring to the notice of Principal/Management any untoward incidents noticed by her while in class, college premises or during your travel from city to college, etc.

While inviting her to join as faculty of our Prathyusha Institute of Technology and Management, we wish you to become a team member of our knowledge bank, to impart quality technical education to students by discharging her duty sincerely.

She is advised to submit all the original degree certificates of her qualification and experience to the Principal immediately for verification and report for duty immediately.

The duplicate copy of the appointment order may please be signed in taken of your acceptance of all the terms and conditions.

// By order of the Chairman //

PRINCIPAL

To

Dr. V. Thulasai Bai

No.48, Dev Apartments

TTK Road, 1st Cross Street

Alwarpet

Chennai 600 018

Copy to : Individual file/Accounts Department

Received  
v. JHIB

JOINING REPORT

Date: 9/5/11

From

Dr. V. THULASI BAI  
4B, Dev Apartments  
TTK Road, 1<sup>st</sup> cross st.,  
Alwarpet, Chennai - 18

To

The Principal  
Prathyusha Institute of Technology and Management  
Poonamallee - Tiruvallur High Road  
Aranvoyaluppam - 602 025  
Tiruvallur District

Sir

Sub: Joining report on 9/5/11

With reference to your Appointment Order dated 9/5/11 I may please be permitted to  
join for duty as Dean - R&D with effect from 9/5/11 F/N.

Thanking you

Yours faithfully

V. Thulasi Bai



# SATHYABAMA UNIVERSITY

(Established under section 3 of UGC Act, 1956)

(A CHRISTIAN MINORITY INSTITUTION)

சத்யபாமா பல்கலைக்கழகம்

(பல்கலைக்கழக மானியக் குழு பிரிவு 3, சட்டம் 1956ன் கீழ் நிறுவப்பட்டது)

(கிறித்துவ சிறுபான்மையினர் கல்வி நிறுவனம்)

FACULTY OF ELECTRONICS ENGINEERING



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

**THULASI BAI.V**

has been conferred

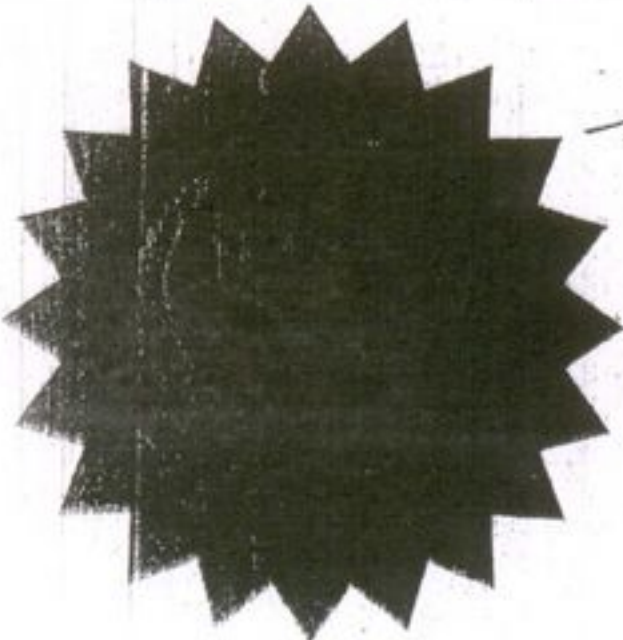
the **DEGREE OF DOCTOR OF PHILOSOPHY**, having been certified by duly appointed

examiners to be qualified to receive the same in **April 2009**, for the thesis entitled

**Design and implementation of portable monitoring and alerting telemedicine system**

given under the seal of the university, at Chennai this **EIGHTEENTH** day  
**April 2009**.

Given under the seal of the University



*[Signature]*

Registrar

*[Signature]*

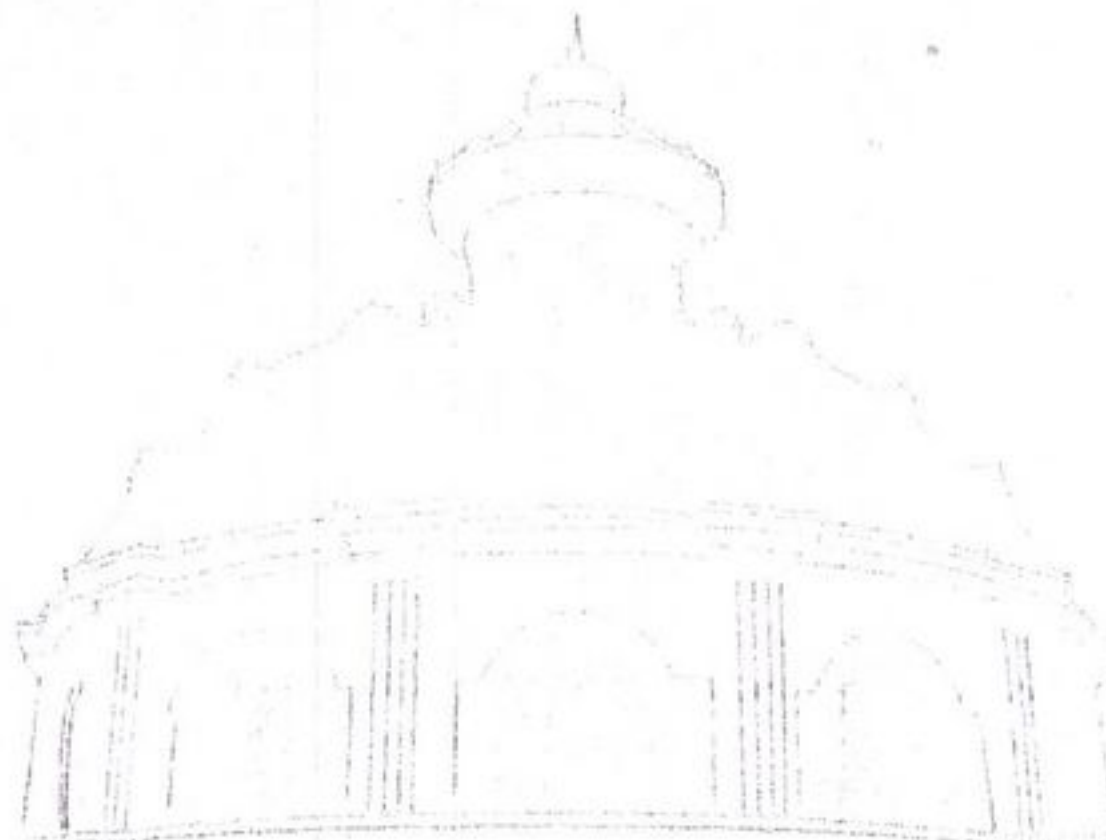
Director

*[Signature]*

Director

*[Signature]*

Vice-Chancellor



Dated : April 18, 2009

Jeppiaar Nagar, Chennai - 6001  
Tamil Nadu, INDIA



# SAI RAM ENGINEERING COLLEGE

An ISO 9001 - 2000 Certified Institution. Approved by AICTE, New Delhi and affiliated to Anna University, Chennai.  
Sai Leo Nagar, West Tambaram, Chennai-44. Tel : 044 - 2238 0031/ 3322 / 3377 Fax : 044 - 22387333. www.srisairamengg.com



Founder & Chairman : MJF.Ln.Leo Muthu

Ref: SEC/OFFICE/BONAFIDE/2007-2008, Dt.03.10.2007.

## SERVICE CERTIFICATE

Ms.V. THULASI BAI, is working in this Institution as a **Professor** in the  
**Department of Electronics and Communication Engineering** from **01.07.1998** to  
**till date.**

  
DEAN

SRI SAI RAM ENGINEERING COLLEGE  
West Tambaram, Chennai 44

  
03/10/07  
PRINCIPAL  
SRI SAI RAM ENGINEERING COLLEGE  
SAI LEO NAGAR, CHENNAI 44

3.10.07





# ANGALA AMMAN COLLEGE OF ENGINEERING & TECHNOLOGY

RAMANAN NAGAR, SIRUGANOOR, LALGUDI TALUK, TIRUCHIRAPALLI 621 105.

Major K. SRINIVASAN  
BE (HONS) MS (USA) MISTE FITTE FIE FIV  
DIRECTOR  
Phone: 26059

Station: TRICHY

Date: 16.5.95.

Ref: AACET/TS-8

## SERVICE CERTIFICATE

Mrs. V. THULASI BAI is working as a Lecturer, in Electronics & communication Engineering Department in this Institution since 14.12.94. Her character and conduct have been uniformly good.

  
DIRECTOR.

(Major. K. SRINIVASAN)

16/6

Copy to file :

R.M.

OFFICE 73 A 1 SALAI ROAD, TIRUCHIRAPALLI-620 018. Ph. 29136

Our Motto — PERSEVERANCE, PERFECTION, PROSPERITY

# ADHIYAMAAN COLLEGE OF ENGINEERING

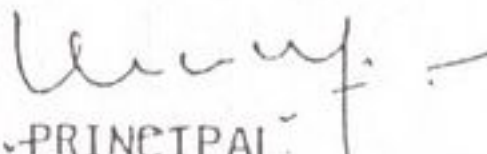
Dr M.G.R. NAGAR, HOSUR-635 109. TAMILNADU.

14.07.94

## SERVICE CERTIFICATE

This is to certify that Mrs. V.THULASI BAI B.E.  
is working as Lecturer in Electronics Department  
from 10.8.1991 to till date.

During this period her conduct and character is  
good.

  
J-PRINCIPAL



# Anna University



Reg.No. 1014319102/RG

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

**CERTAIN STUDIES ON POWER QUALITY IMPROVEMENT STRATEGIES FOR THE DSTATCOM CONTROLLED DISTRIBUTION SYSTEMS**

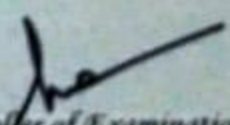
*Given under the Seal of the University*



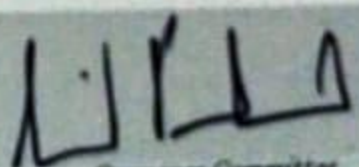
Chennai 600 025

India

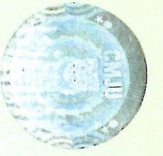
May 2017

  
Controller of Examinations

  
Registrar

  
Chairman, Convener Committee  
Vice-Chancellor





CMU UNIVERSITY

Estd. 2009 under Section 21 of UGC Act 1956

HH-

8973

# CMU UNIVERSITY

## MEGHALAYA

### Doctor of Philosophy (Ph.D.)

2013

(Provisional Certificate)

This is to certify that the proposal for the Award of Ph. D. Degree in the Subject of  
Electrical Engineering Under The Faculty of Technology  
To Mr. Santam  
K. C. JAYASANKAR

(Registration No.)

8018710111903

Year 2010-2012

On the Topic: "Improving the Performance of PMSG  
of Wind Generator By Minimizing the Retent  
Torque Using FF - Analysis."

has been awarded by the University as per UGC Gazette Notification.

Dated 17<sup>th</sup> July 17<sup>th</sup> July 2009.

Shilong (Meghalaya)

The 2<sup>nd</sup> March... 2013



*[Signature]*  
Registrar



# Anna University



Reg.No. 2011114037/RG

*The Syndicate of the Anna University hereby makes known that*  
**SURESH N** *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".*

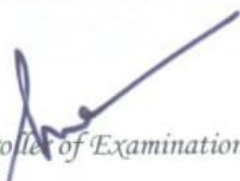
*Title of the Thesis:*

**INVESTIGATIONS ON CARDIAC MONITORING SYSTEM USING MODIFIED KALMAN FILTER**

*Given under the Seal of the University*



Chennai 600 025  
India  
May 2017  
NARH/054

  
Controller of Examinations  
SURESH N

  
Registrar

  
Chairman, Convener Committee  
Vice-Chancellor  
THE ANNA UNIVERSITY, CHENNAI



அறிவியல் புலம்  
FACULTY OF SCIENCE

2014

ஆம் ஆண்டில் சென்னைப் பல்கலைக்கழகத்தில் ஆய்வு நிகழ்த்தி  
வழங்கிய ஆய்வேட்டுக்காக முனைவர் பட்டம் பெறத் தகுதியுடையவர் என்று தக்க  
தேர்வாளர்களால் சான்றளிக்கப்பட்டு கணேஷ் ஞா

என்பவருக்கு முனைவர் பட்டம் அளிக்கப்படுகிறது என்று சென்னைப் பல்கலைக்கழகப் பேரவை  
அறிவிக்கிறது.

சென்னைப் பல்கலைக்கழக இலச்சினையுடன், சென்னையில் 2014 ஆம் ஆண்டு  
ஏப்ரல் திங்கள் 30 ஆம் நாள் அளிக்கப்பட்டது.

*The Senate of the University of Madras hereby makes known that  
Ganesh G has been conferred 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 2014.*

*Given under the seal of the University of Madras, at Chennai this  
30<sup>th</sup> day of April 2014.*

*Title of the Thesis : "Structural Studies on Some Organic Compounds of Medicinal  
and Biological Importance" (Physics)*

ஆய்வுத் தலைப்பு :

The Ph.D. Degree has been awarded in accordance with the provisions of the regulations of the UGC

*P. J. Jeyaraj*  
பதிவாளர்  
Registrar



*[Signature]*  
துணை வேந்தர்  
Vice-Chancellor





# Indian Institute of Technology, Madras

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

*on*

**K NATARAJAN**

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

**FINITE ELEMENT MODELLING PROBLEMS FOR IMPACT RESPONSE  
UNDER ELASTIC AND INELASTIC BEHAVIOUR**

*Given this day the Twentyeighth of July, 2000  
under the seal of the Institute.*

  
*[Signature]*  
Registrar

*[Signature]*  
Director

*[Signature]*  
Chairman Board of Governors



# St. Peter's Institute of Higher Education and Research

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



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

**VIMALA S**

*has been admitted to the Degree of*

**DOCTOR OF PHILOSOPHY**

*in*

**ELECTRONICS AND COMMUNICATION ENGINEERING**

*she having been certified by duly appointed examiners*

*to be qualified to receive the same*

*at the VIVA-VOCE examination held in AUGUST 2018.*



*Given under the seal of the Institute*

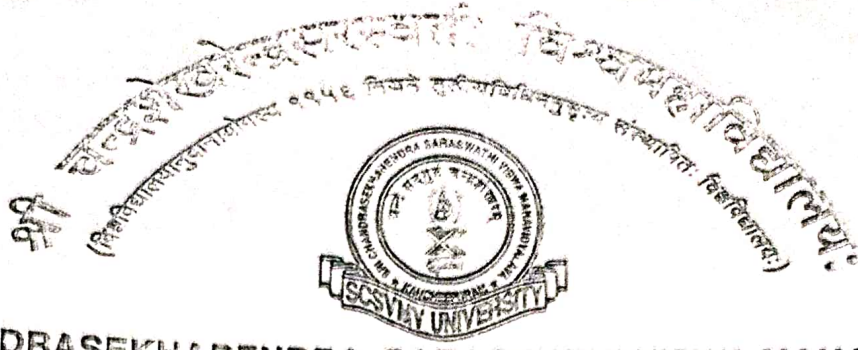
Date : 23-02-2019  
Avadi, Chennai - 600 054  
Tamilnadu, India

*Yac K*  
Registrar

*Dr. P. S. S. S. S.*  
Vice-Chancellor







Register Number

FVMS/2003



**SRI CHANDRASEKHARENDRASARASWATHI VISHVA MAHAVIDYALAYA**  
(University Established Under Section 3 of U.G.C. Act 1956)

**डॉक्टर ऑफ फिलासॅफी**  
**Doctor of Philosophy**

श्रीचन्द्रशेखरेन्द्रसरस्वतीविश्वमहाविद्यालयस्य निर्वाहकसमितिः स्वीयेन मुद्राधिकारेण उद्घोषयति

**मूर्ति एम्**

प्रबन्धम् ए फास्ट् अण्ड् इम्प्रूव्ड् क्वालिटी माडल् फार् मेडिकल् इमेज् कम्प्रेषन् नामानमुपस्थाप्य  
सेप्टेम्बर्-२०१४ तमे वर्षे एलक्ट्रानिक्स् तथा कम्प्युनिकेषन् अभियन्तृविभागे डॉक्टर ऑफ्  
फिलासॅफी इत्युपाधिधारणे अधिकृतः/अधिकृता इति।

*The Board of Management of Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya hereby makes known that*

**MOORTHIM**

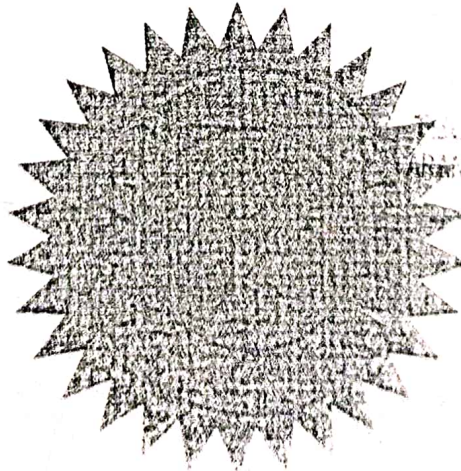
*has been duly admitted to the Degree of DOCTOR OF PHILOSOPHY he/she having been certified by duly appointed Examiners, to be qualified to receive the same in SEPTEMBER-2014 in ELECTRONICS AND COMMUNICATIONS ENGINEERING for his/her thesis entitled A FAST AND IMPROVED QUALITY MODEL FOR MEDICAL IMAGE COMPRESSION.*

*Given under the seal of the University.*

The Ph.D. Degree has been awarded in accordance with the provisions of the regulations of the UGC

Date : 18.10.2014

C.No.: 141592



AMMOVALKUPAN, M. Malhotra, TIRUCALLOM-602 025

*G. Srinivasan*  
कुलसचिवः  
Registrar

*Vishwanath*  
उप-कुलपतिः  
Vice-Chancellor



ANNA UNIVERSITY, CHENNAI - 600 025  
CENTRE FOR RESEARCH



Ph.D. / M.S. / M.Tech (By Research) - Synopsis / Thesis Registration details

Ph.D./M.S / M.Tech	Ph.D.	Registration No. : 1224499731
Region	Anna University-CHENNAI	
Registration No	1224499731	
Date of Registration	Session: JUL Year: 2012	
Name of the Scholar	Kavitha V.R	
Gender	Female	
Date of Birth	31.05.1971	
Nationality	Indian	
Community	BC	
Email	vr_kavitha@yahoo.com	
Mobile Number	9840388632	
Faculty	Information and Communication Engineering	
Category	Part-Time	
Title of the Synopsis	QUALITY OF SERVICE IMPROVEMENTS IN MOBILE AD HOC NETWORK USING HYBRID SIMULATED ANNEALING – STOCHASTIC DIFFUSION SEARCH FOR VIRTUAL BACKBONE OPTIMIZATION	
Broad area of research / Key words	Mobile ad hoc networks (MANETs) Quality of service (QoS), Load balancing Ad-hoc on-demand multipath distance vector routing (AOMDV), Connected dominating set (CDS) Stochastic diffusion search (SDS), TABU Search (TS) , Simulated Annealing (SA)	
Special Character in the Title	yes	
Name of the Supervisor	Dr. Moorthi M	
Designation	Professor	







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 : 18.10.2016

Lr.No.1614499405/Ph.D./AR9

Sub : Ph.D. Programme – Mr.R.Thiagarajan Research Scholar – Change of Supervisor - Orders  
- Issued.

Ref : 1.This Office Proceedings of even number Dtd: 22.02.2016.  
2.Letter Dtd: 26.09.2016 - from Dr.S.K.Srivatsa, Senior Professor (Retd), Department of  
Computer Science and Engineering, Prathyusha Institute of Technology and  
Management, Chennai - 602025

\*\*\*\*

Under the circumstances stated in the reference 2<sup>nd</sup> cited, Dr.M.Moorthi, Professor, Department of  
Electronics and Communication Engineering, Prathyusha Engineering College,, Aranvoyalikuppam  
Tiruvallur - 602025 has been nominated as Supervisor in the place of Dr. S.K..Srivatsa, in respect of the  
Research Scholar Mr.R.Thiagarajan.

Clause 8.7 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.**"

*[Signature]*  
DIRECTOR

*[Handwritten initials]*  
18/10/16  
*[Handwritten initials]*  
18/10

To  
Dr.M.Moorthi  
Professor  
Department of Electronics and Communication Engineering  
Prathyusha Engineering College, Aranvoyalikuppam  
Tiruvallur - 602025

Copy to :

- ✓ The Head / Director, Department of Electronics and Communication Engineering, Prathyusha  
Engineering College,, Aranvoyalikuppam, Tiruvallur - 602025
- 2.Dr. S.K..Srivatsa, Senior Professor (Retd), Department of Computer Science and Engineering  
Prathyusha Institute of Technology and Management Tiruvallur-602025 (for information)
- 3.Mr.R Thiagarajan, Research scholar through the Supervisor Dr.M Moorthi.



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



Lr.No.1517499543/Ph.D./AR7

Date : 20.10.2016

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

Ref : 1.This Office Proceedings of even number Dtd: 30.06.2015.

2.Letter Dtd: 26.09.2016 - from Dr.s.K.Srivasta,Senior Professor,Department of Computer  
Sciences and Engineering,Prathyusha Institute of Technology Management (PITAM),  
Chennai - 602 025.

\*\*\*\*

Under the circumstances stated in the reference 2<sup>nd</sup> cited, Dr.M.Moorthi, Associate Professor,  
Department of Electronics & Communication Engineering, Prathyusha Engineering College, Tiruvallur -  
602 025 has been nominated as Supervisor in the place of Dr. S.K..Srivatsa, in respect of the Research  
Scholar Mr.T.Rubesh Kumar.

Clause 8.7 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.M.Moorthi  
Associate Professor  
Department of Electronics & Communication Engineering  
Prathyusha Engineering College  
Tiruvallur - 602 025

Copy to :

- 1.The Head / Director, Department of Electronics & Communication Engineering, Prathyusha  
Engineering College, , Tiruvallur - 602 025
- 2.Dr. S.K..Srivatsa, Senior Professor, Department of Computer Science and Engineering  
Prathyusha Institute of Technology and Management Chennai-602 025 (for information)
- 3.Mr.T Rubesh Kumar, Research scholar through the Supervisor Dr.M Moorthi.

S. S.  
21/10/16  
24/10





# CENTRE FOR RESEARCH

ANNA UNIVERSITY, CHENNAI-600 025



AR12 - Dt: 12-12-2017 16:13:56

Registration No.: 1613499402

## SEMESTER PROGRESS REPORT July - December 2017

### 1. Particulars of Research Scholar

Name : Mohan I  
Faculty : Information and Communication Engineering  
Degree : Ph.D.  
Email : itmoha@gmail.com  
Contact No. : 9677208342  
Designation & Institution where employed (if applicable) : Assistant Professor, Information Technology, Prathyusha Institute of Technology and Management, , 602025



### 2. Registration Details

(a) Category of registration : Part-Time  
(b) Month & Year of Admission : JAN & 2016  
(c) Whether provisional registration confirmed? : Yes / No ✓  
If yes, give reference No. and date :

3. Name of the Department / Centre where the research is conducted : Department of Electronics and Communication Engineering

### 4. Particulars of the Supervisor / Joint Supervisor

#### SUPERVISOR DETAILS:

Name / Reference No. : Dr. Moorthi M / 2740113  
Designation : Associate Professor  
Department : Department of Electronics and Communication Engineering  
Address : Prathyusha Engineering College,,Aravoyalkuppam,Chennai  
Email / Mobile. : moorthi.ece@prathyusha.edu.in / 9841099062

#### JOINT SUPERVISOR DETAILS:

Joint Supervisor : Not Applicable

5. Tentative title of the Research work: MULTI LANGUAGE UNIVERSAL SENTIMENT CLASSIFIER ON SOCIAL NETWORKS DATA

6. Duration of research outside the University (if applicable) : NA

7. Break of study period (if applicable) : NA-





St. PETER'S INSTITUTE OF HIGHER EDUCATION AND RESEARCH  
(Declared under Section 3 of the UGC Act, 1956)



*The Board of Management of the  
St. Peter's University hereby makes known that*

**HEMAJOTHI S**

*has been admitted to the Degree of*

**DOCTOR OF PHILOSOPHY**

*in*

**ELECTRONICS AND COMMUNICATION ENGINEERING**

*she having been certified by duly appointed examiners*

*to be qualified to receive the same*

*at the VIVA-VOCE examination held in AUGUST 2013.*



*Given under the seal of the University*

Date : 21-12-2013  
Avadi, Chennai-600 054  
Tamilnadu, India

*MS*  
Registrar

*S. S. A*  
Vice-Chancellor





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



**Dr. R. JAYAVEL**  
**DIRECTOR**

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



**Date : 19.05.2018**

**Lr.No.1414499238/Ph.D./AR12**

Sub : Ph.D. Programme –Mr./Ms.W Thamba Meshach, Research Scholar – Confirmation -  
Orders - Issued.

- Ref : 1. This Office.Lr.No.CR/Ph.D./Admn/JAN/2014 Dtd: 14.12.2013.  
2. Letter Dtd: 10.05.2018 from Dr.S.Hemajothi, Professor, Department of Electronics and  
Communication Engineering Prathyusha Engineering College Tiruvallur

\*\*\*\*

The Provisional registration granted to Mr/Ms.W Thamba Meshach 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.S Hemajothi  
Professor  
Department of Electronics and Communication Engineering  
Prathyusha Engineering College  
Tiruvallur 602025

  
19/05/18

**Copy to :**

The Head  
Department of Electronics and Communication Engineering  
Prathyusha Engineering College  
Tiruvallur 602025

Mr./Ms.W Thamba Meshach, Research Scholar through the Supervisor Dr.S Hemajothi

# Anna University



Reg.No.2011172006/RG

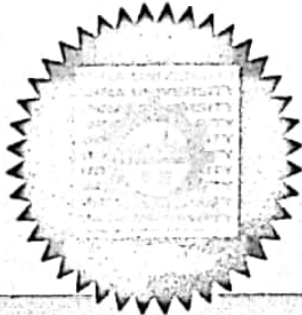
The Syndicate of the Anna University hereby makes known that **BALAJI V** has been admitted to the **DEGREE OF DOCTOR OF PHILOSOPHY** under the Faculty of Mechanical Engineering, having been certified by the duly appointed examiners to be qualified to receive the same in the year 2017. The degree has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

Title of the Thesis:


**EXPERIMENTAL INVESTIGATION ON THE PERFORMANCE, COMBUSTION AND EMISSION CHARACTERISTICS OF SAFFLOWER METHYL ESTER IN DI DIESEL ENGINE**

137051

Given under the seal of the University



Chennai 600025  
India  
June 2018  
PART B

  
Controller of Examinations  
BALAJI V

  
Registrar

  
Vice-Chancellor





அறிவியற் புலம்  
FACULTY OF SCIENCE /

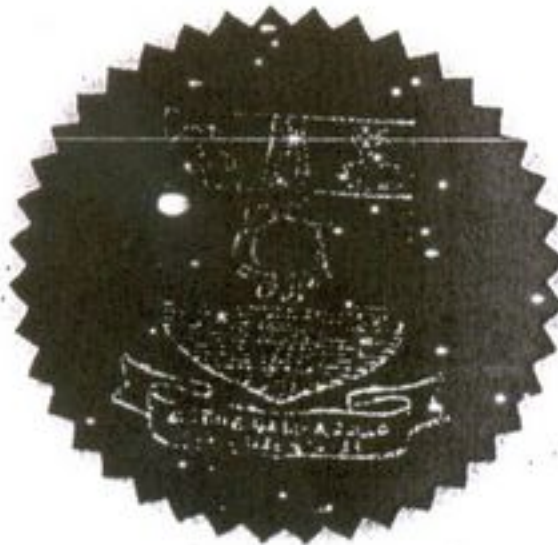
மனோன்மணியம் சுந்தரனார் பல்கலைக்கழக ஆட்சிக்குழு

தகராசன், பா. -

அறிஞர் பட்டம் பெறுதற்குத் தகுதியுடையவர் என முறையாக அமைக்கப்பெற்ற தேர்வினோர் சான்றளித்தவாறு, ஆகஸ்ட் 2006 ஆம் ஆண்டில் இந்தப் பட்டப்பெற்றுக்கு உரியவர் ஆகின்றார் என இதன்வழி அறிவிக்கின்றது.

பல்கலைக்கழக முத்திரையுடன் இது வழங்கப்படுகின்றது.

The Syndicate of the MANONMANIAM SUNDARANAR UNIVERSITY hereby makes known that Dhasarathan, P. - 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 August 2006.



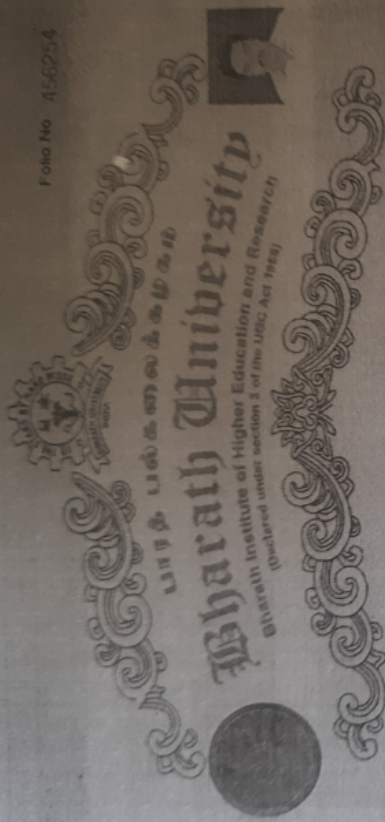
திருநெல்வேலி, இந்தியா  
Tirunelveli, India  
நாள், Dated 22 SEP 2006

பதிவாளர்  
Registrar.

Attested  
Dr. P. THERIAPPAN Msc, Ph.D.,  
HEAD  
Department of Biotechnology  
Rajivgandhi Institute of Technology  
and Management  
Poonamallee - Tiruvallur High Road  
Tiruvallur Dist.  
சுனை வேந்தர்.  
Vice-Chancellor.



Folio No. A5625A



**Bharath University**  
 Bharath Institute of Higher Education and Research  
 (Instituted under section 3 of the UGC Act 1956)

FACULTY OF ENGINEERING

The board of management of the Bharath University here by makes known that **BALAJI. K. C** born on **10-FEB-1982** has been admitted to the **DOCTOR OF PHILOSOPHY in ELECTRICAL AND ELECTRONICS**, he/she having satisfactory completed the prescribed programme of study and having been certified by duly appointed Examiner to have qualified to receive the same at the Examination held on **FEB 2016** with Registration Number **D11EE005**

Thesis Title:

**NEURO CONTROLLER BASED ZCS QUASI-RESONANT LUO CONVERTER**



Given under the Seal of the University



DATE **10 MAR 2016**  
 175 Agrarai Road  
 Chennai - 600 075  
 Tamil Nadu

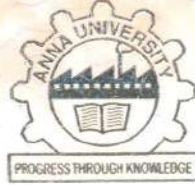
Dr. M. PREMJEYAKUMAR  
 CONTROLLER OF  
 EXAMINATIONS

*[Signature]*  
 REGISTRAR  
 Dr. Prof. S. J. RAJENDRAN  
 M.D.E.C./U.IL.FOMCA

*[Signature]*  
 VICE - CHANCELLOR  
 Dr. K. PRUDHUMANN  
 B.C.M.B.A., M.Sc. ENGGL.



# Anna University



Reg.No. 2722119710/RG

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

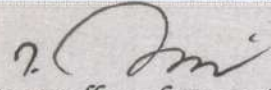
*Title of the Thesis:*

**SOIL AQUIFER TREATMENT AND RECHARGE THROUGH DECENTRALISED TREATED WASTEWATER USING GIS BASED MULTICRITERIA TECHNIQUES**



*Given under the Seal of the University*

Chennai 600 025  
India  
November 2014  
KARUN

  
Controller of Examinations

  
Registrar

  
Vice-Chancellor

# छत्रपति शाहू जी महाराज विश्वविद्यालय कानपुर

## CHHATRAPATI SHAHU JI MAHARAJ UNIVERSITY KANPUR



डॉक्टर ऑफ़ फिलोसोफी

इलेक्ट्रॉनिक्स एंड कम्युनिकेशन इंजीनियरिंग

प्रमाणित किया जाता है कि

क.अनीता

ने इस विश्वविद्यालय

से २०१६ की परीक्षा में डॉक्टर ऑफ़ फिलोसोफी की

उपाधि निर्धारित पाठ्यक्रमानुसार प्रथम श्रेणी

में प्राप्त की ।

**DOCTOR OF PHILOSOPHY IN ELECTRONICS AND  
COMMUNICATION ENGINEERING**

*This is to certify that* K. ANITHA

*obtained the Degree of* **PHD IN ELECTRONICS AND COMMUNICATION  
ENGINEERING**

*in this University in the Examination of* **JAN 2016**

*and was placed in the* FIRST *Division.*

C.S.J.M.U. Kanpur

Date: 24-08-2016

  
कुलसचिव  
Registrar

  
कुलपति  
Vice-Chancellor



ASU  
Hsmu

Read By :	<i>[Signature]</i>
Entered By :	<i>[Signature]</i>
Verified By :	<i>[Signature]</i>

उत्तर प्रदेश सरकार  
 Government of Uttar Pradesh  
 उच्च शिक्षा विभाग  
 Deptt. of Higher Education  
 Diary No. 28524.....  
 Date 19.09.2016  
 Document may be authenticated  
 Sign. *[Signature]*  
 1st Checker 2nd Checker 3rd Checker

अभिप्रमाणित  
 AUTHENTICATED

*[Signature]*

(अखिलेश अग्निहोत्री)  
 (Akhilesh Agnihotri)  
 संयुक्त सचिव  
 Joint Secretary  
 उच्च शिक्षा विभाग  
 Deptt. of Higher Education  
 उत्तर प्रदेश शासन  
 Government of Uttar Pradesh

सं. 245653 दिनांक 19 SEP 2016  
 No. Date  
 राज्य सरकार के सचिव/अपर सचिव/उप  
 सचिव/अवर सचिव/सहायक सचिव/अनुभाग  
 अधिकारी के हस्ताक्षर सत्यापित किए जाते हैं  
 The Signature of Secretary/Additional  
 Secretary/Deputy Secretary/Under  
 Secretary/Asstt. Secretary/Section  
 Officer of State Government Attested

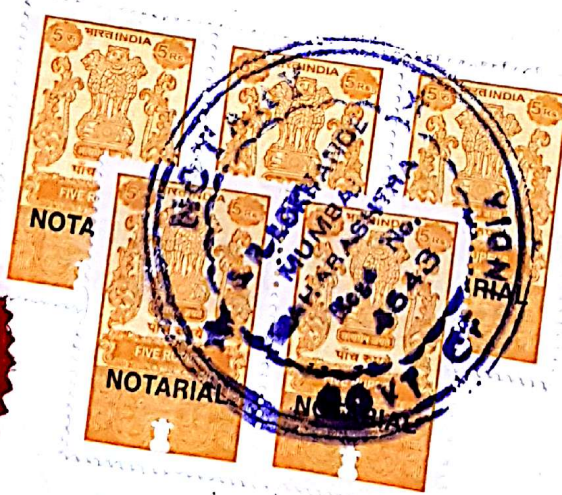
The Signature of Shri. S.R. Lokhande is hereby certified



*[Signature]*  
 (पुष्पा रंजन)  
 (PUSHPA RANJAN)  
 अनुभाग अधिकारी (सत्यापन)  
 Section Officer (Attestation)  
 सी.पी.वी. प्रभाग/C.P.V. Division  
 विदेश मंत्रालय, नई दिल्ली  
 Ministry of External Affairs  
 New Delhi



*[Signature]*  
 Section Officer  
 Home Department  
 Government of Maharashtra  
 Mantralaya, Mumbai



27 SEP 2016  
 ATTESTED BY ME  
*[Signature]*  
 S. R. LOKHANDE  
 NOTARY  
 MUMBAI - (MAHARASHTRA)

27 SEP 2016



Enrollment No.: 1150100058

Serial No.: D-00014787



# SINGHANIA UNIVERSITY

## *Doctor of Philosophy*

*The Board of Management of the Singhanian University confers on Mr./Ms. S Arun Son/Daughter of Sh. C Sundaram the degree of Doctor of Philosophy in Electronics & Communication Engineering on his/her having successfully completed the prescribed requirements for the said degree on 6<sup>th</sup> June 2015. The degree has been awarded in compliance of UGC (Minimum Standards and Procedure for Awards of M.Phil./Ph.D. Degree) Regulation, 2009.*

*His/Her title of the thesis was: "DESIGN AND IMPLEMENTATION OF HYBRID WIRELESS METER READING SYSTEM".*

*Given under the seal of the University*

**Registrar**

**Vice-Chancellor**





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 : 16.07.2019

Proceedings. No. 2011114080/Ph.D./AR6

Sub : Ph.D. Programme – Constitution of Oral Examination Board - **Conduct of Viva-Voce in respect of Mr.S.Balaji** – orders issued – Regarding.

The Vice-Chancellor is pleased to constitute an Oral Examination Board consisting of the following experts to conduct the viva-voce Examination in respect of the research scholar, Mr.S.Balaji.

- |   |  |                  |
|---|--|------------------|
| 1 | Dr.T.Sasilatha<br>Professor<br>Department of Electrical and Electronics Engineering<br>Academy of Maritime Education and Training Kanathur<br>Chennai 603112   | Supervisor       |
| 2 | Dr.S.Arun, Professor<br>Department of Electronics and Communication Engineering<br>Prathyusha Engineering College<br>Chennai 600069  | Joint Supervisor |
| 3 | Dr.V.N.Mani<br>Scientist - F<br>Centre for Materials for Electronics Technology(C,MET)<br>Government of India IDA Phase - III<br>Cherlapalli HCL Post Hyderabad - 500 051                              | Member           |
| 4 | Dr.G Kulanthaivel<br>Professor<br>Department of Electrical & Electronics and Communication Engineering<br>National Institute of Technical Teachers Training and Research<br>Taramani Chennai - 600 113 | Member           |

The Convener of the Oral examination Board is requested to conduct the Oral examination within three months from the date of this office proceedings on a convenient date except Saturday, Sunday and public holidays. The Oral Examination for the above scholar shall be conducted as an "Open Defence Type". The outside members are eligible for TA/DA as per Anna University norms and all the travel bookings shall be made three weeks prior to the date of Oral examination.

The convener shall conduct the Oral Examination after a minimum of Three weeks from the date of Viva-Voce notification signed by the HoD/Director of Centre. The Viva-voce notification shall be sent to the undersigned three weeks prior to the Oral examination date. A minimum of ten members excluding the examiners should attend the Viva-Voce examination.

A copy of the Viva-Voce notification and the minutes of the Oral Examination Board shall be sent to the undersigned as per the format specified in the Anna University website soon after the Viva-Voce is over for taking appropriate action. Download Viva-Voce proceedings from Supervisor Login.

The receipt of the proceedings may please be acknowledged.

To  
Dr.S. Arun  
Professor  
Department of Electronics and Communication Engineering  
Prathyusha Engineering College  
Chennai 600069

*Jaya*  
16/7/19  
DIRECTOR  
4/5  
*S.P.*  
16/7/19





**ANNA UNIVERSITY::CHENNAI - 25**  
Department of Electronics and Communication Engineering  
Prathyusha Engineering College, Tiruvallur  
Tamilnadu-602025



**Notification for Ph.D. Public Viva-Voce Examination**

**Name of the Scholar** : Parameswari M  
**Registration Number** : 2011174082  
**Degree / Category** : Ph.D. / Part-Time  
**Faculty** : Information and Communication Engineering  
**Title of the Thesis** : Performance Analysis of Cluster based Cross layer design to control error in Wireless Sensor Networks  
**Date and Time of Viva-Voce Examination** : 22.11.2019 & 10:30-am  
**Venue** : AV HALL  
Department of Electronics and Communication Engineering  
Prathyusha Engineering College, Tiruvallur  
Tamilnadu-602025  
**Name and Address of the Supervisor** : Dr. Sasilatha T  
Professor  
Department of Electrical and Electronics Engineering  
Academy of Maritime Education and Training University Kanathur  
Chennai - 603112  
**Name and Address of the Joint Supervisor** : Dr. Arun.S  
Professor  
Department of Electronics and Communication Engineering  
Prathyusha Engineering College  
Chennai - 602025

All are cordially invited to attend the Ph.D. Public Viva-Voce Examination

**Date** : 21-10-2019

**Place** : Prathyusha Engineering College, Tiruvallur, Tamilnadu-602025





**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 : dlrrresearch@annauniv.edu  
dlrrresearch@gmail.com



Date : 17.07.2019

Lr.No.CFR/Ph.D./Admn/JUL/2019

To  
Dr.S. Arun  
Professor  
Department of Electronics and Communication Engineering  
Prathyusha Engineering College  
Poonamallee, Tiruvallur - 602 025

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

Ref : Res. No. 33.06 of the 33<sup>rd</sup> Research Board Meeting held on 07.06.2019

\*\*\*\*

I am to inform that Mr./Ms. Gunasundari 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 JUL 2019 session under your guidance.

Topic of Research: **HIGH DIMENSIONAL DATA CLASSIFICATION BY SEMI SUPERVISED CLASSIFIER USING ADAPTIVE FEATURE SELECTION AND WEIGHTING PROCESS**

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 19244997228.

In all future correspondence quote "19244997228/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.

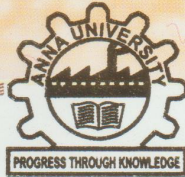
*K. Kalyan*  
DIRECTOR 17/7

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

*N. Bhatti*  
*[Signature]*  
17/7/19



# Anna University



Reg.No.11110432007/RG

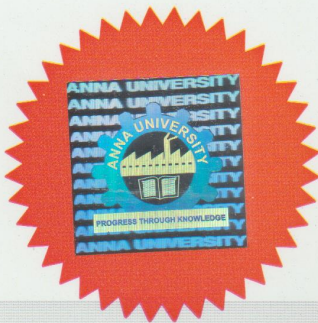


The Syndicate of the Anna University hereby makes known that **JANAKI K** has been admitted to the **DEGREE OF DOCTOR OF PHILOSOPHY** under the **Faculty of Information and Communication Engineering**, having been certified by the duly appointed examiners to be qualified to receive the same in the year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

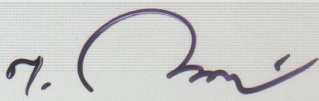
*Title of the Thesis:*

**AN EFFICIENT CACHE MEMORY COMPRESSION TECHNIQUE TO IMPROVE SYSTEM MEMORY PERFORMANCE**

*Given under the seal of the University*



Chennai 600025  
India  
December 2019  
QA/R01/4228

  
Controller of Examinations  
JANAKI K

  
Registrar

  
Vice-Chancellor  
15712F0CC8D8B0181C1E7F054E



No.: D18 014031

Register No. : 2009792114

**SATHYABAMA**  
**INSTITUTE OF SCIENCE AND TECHNOLOGY**  
(Deemed to be University Under Section 3 of UGC Act, 1956)



The Board of Management of Sathyabama Institute of Science and Technology hereby makes known that **KALPANA DEVI. P** has been conferred the **DEGREE OF DOCTOR OF PHILOSOPHY** under the **FACULTY OF ELECTRONICS ENGINEERING**, having been certified by duly appointed examiners to be qualified to receive the same on **DECEMBER 2017** for the thesis entitled **RECONFIGURABLE CHANNELIZATION SCHEMES FOR SOFTWARE DEFINED RADIO AND ITS APPLICATIONS** given under the seal of the institution at Chennai this **TWENTY SECOND** day of **JULY 2018**.

Given under the seal of the institution

Vice Chancellor

Pro Chancellor



dated : July 22, 2018



Jeppiaar  
Chennai - 60  
Tamil Nadu,





# PRATHYUSHA

## INSTITUTE OF TECHNOLOGY AND MANAGEMENT

Where learning never stops

Approved by AICTE & Affiliated to Anna University, Accredited by National Board of Accreditation (NBA)  
ISO 9001 : 2008 Certified Institution

College Campus : Poonamallee - Tiruvallur Road, Aranyoyal Kuppam, Chennai - 602 025, Tamilnadu. Tel : 044-3767 3767, 2762 0512 Fax : 91-44-3767 3703  
E-mail : admin@prathyusha.edu.in / prathyusha12@dataone.in • Website : www.prathyusha.edu.in

Proc.No:PITAM/PR13/2014

Date: 02.06.2014

Sub: Ms.L.Vanitha - Appointed as Associate Professor in Electronics and Communication Engineering Department - Orders – Issued.

Ref: Her Resume Dated: 28.04.2014

Ms.L.Vanitha is appointed as Associate Professor in the Department of Electronics and Communication Engineering of this college subject to the following terms and conditions.

1. She will be paid a basic pay of Rs. 37400/- + AGP Rs.9000/- in the Pay Band Rs.37400 - 67000+ AGP Rs.9000/-plus usual allowances applicable from time to time.
2. The appointment shall take effect from the date of her joining duty.
3. Her appointment shall be on regular basis and she shall be placed on probation for two years with in a continuous period of three years.
4. During the period of probation her performance will be closely watched and if it is not found satisfactory the probation will be extended / terminated and she will be discharged from service.
5. She shall work under the supervision and guidance of the Head of the department/authorities concerned from time to time.
6. She shall perform such other duties as may be assigned by the Head of the Department / authorities concerned, from time to time.
7. She shall teach the UG/PG students and guide the projects/research.
8. She will be governed by the rules and regulations framed / amended by the College Management from time to time.
9. The Management expects her to carry out all the assignments relevant to her position.
10. Extra classes are to be conducted for the weak students to ensure that all the students understand the subject completely and ensure high pass percentage in the University Examinations.

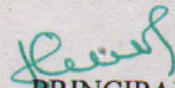
Contd...



:2:

11. It is the duty of the faculty to maintain discipline and ensure the rules and regulations of the College are followed by the students while in the class/laboratory in the college Campus and during travel from City to College and any untoward incidents noticed, the faculty should report to the Principal.
12. The College Management specifically emphasizes on the academic discipline, quality of teaching, regular attendance from teaching faculty.
13. She shall resign her faculty position after giving three months notice or by remitting three months salary in lieu thereof.
14. **She will not be relieved during the academic session of the year. It is her responsibility to complete the entire assignment assigned to during the semester and get relieved at the end of the academic year.**
15. She shall submit the enclosed data sheet duly filled in and signed.
16. She can use all the college equipments properly with due diligence and ensure safety and take proper care at all times.
17. While inviting her to join as faculty of the Prathyusha Institute of Technology and Management, we wish her to become a team member of our knowledge bank, to impart quality technical education to students by discharging her duty sincerely.
18. If the above terms and conditions are acceptable to her, she shall express her willingness to accept the offer of appointment by resubmitting the duplicate copy of the proceedings, duly signed the declaration thereof on or before 02.06.2014.
19. She shall join duty on or before 02.06.2014 failing which this order of appointment shall stand cancelled automatically without further notice. However request for extension of time for joining duty for valid reasons will be considered on merit.

\\ By order of the Chairman //

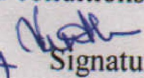
  
PRINCIPAL

To

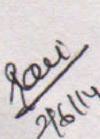
Ms.L.Vanitha

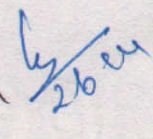
No.18/13 Poonamallee

Chennai-56..

<u>Declaration</u>	
I <u>L.Vanitha</u>	hereby accept
the above terms and conditions.	
Date: 02.06.2014	 Signature

Copy to: Accounts Section

  
28/6/14

  
26/6/14



4751A11



DUPPLICATE

47

# பாரதிதாசன் பல்கலைக்கழகம்

# BHARATHIDASAN UNIVERSITY

பொறியியல் - தொழில்நுட்பவியல் புவம்

FACULTY OF ENGINEERING AND TECHNOLOGY

பாரதிதாசன் பல்கலைக்கழக ஆட்சிக்குழு 1995 ஆம்

The Syndicate of the BHARATHIDASAN UNIVERSITY hereby makes

ஆண்டு நடத்திய நினைவிடம், தனாட்சிப் பொறியியல்

known that L. VANITHA has been

தேர்வில் வி. வனிதா

என்பவர்

முதலீ வகுப்பில் தேர்ச்சி பெற்றார் என்று தக்க தேர்வாளர்கள்

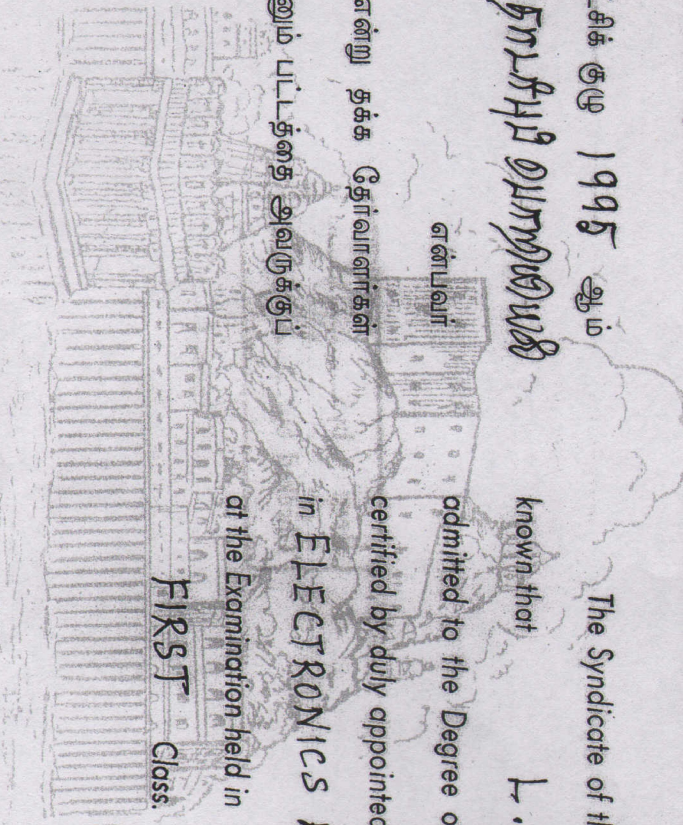
certified by duly appointed Examiners to be qualified to receive the same

சான்றளித்தபடி பொறியியல் இளையர் என்னும் பட்டத்தை அவருக்குப்

in ELECTRONICS AND COMMUNICATION ENGINEERING

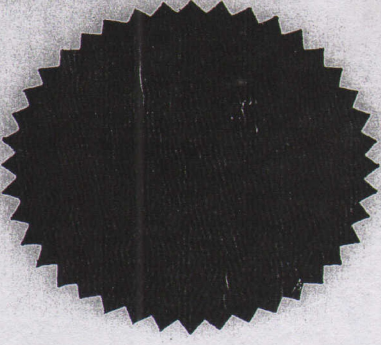
பல்கலைக்கழக இலச்சினைபுடன் வழங்குகிறது.

APRIL 1995 and placed in



FIRST Class.

Given under the Seal of the University.



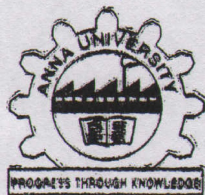
திருச்சிராப்பள்ளி  
Tiruchirappalli

*Handwritten signature*

*Handwritten signature*



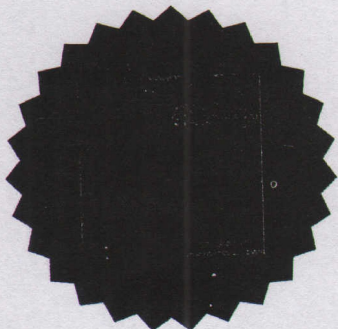
# Anna University



Reg. No.21907818002/RG

The Syndicate of the Anna University hereby makes known that **VANITHA L** has been admitted to the **DEGREE OF MASTER OF ENGINEERING** in **COMMUNICATION SYSTEMS** under the Faculty of Information and Communication Engineering, having completed the prescribed programme of study and having been certified by the duly appointed examiners to be qualified to receive the same, and has been placed in **FIRST CLASS WITH DISTINCTION** at the Examination held in **JUNE 2010**.

Given under the Seal of the University



Chennai 600 025  
India

December 2010

GPM481801688

Controller of Examinations

Registrar

Vice-Chancellor

3CC97A380511 081142861428251977









# SRI PADMAVATHI COLLEGE OF ENGINEERING

MEVALURKUPPAM, VALARPURAM P.O. 602 105. KANCHEEPURAM DIST. TAMIL NADU  
Phone : 954111-256858 / 256859

DATE: 31.05.2004.

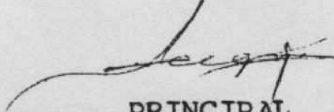
TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mrs.L.VANITHA,  
was working as a Senior Lecturer in the Department of  
Electronics & Communication Engineering from 2nd Jan.2000  
to 31st May,2004.

She is sincere in her duties and never hesitates  
to take extra step to achieve a satisfactory result.

I wish her all success in her future assignments.



  
PRINCIPAL  
*Principal*  
SRI PADMAVATHI COLLEGE OF ENGINEERING  
MEVALURKUPPAM  
VALARPURAM POST-602 105  
KANCHEEPURAM DISTRICT  
TAMILNADU



நற்பணிகள் செய்வோம்!

நமது சின்னய்யா புகழ் காப்போம்!!



**தமிழ்நாடு**

**டாக்டர் சிவந்தி ஆதித்தனார் நற்பணி மன்றம்**  
**தூத்துக்குடி மாவட்டம்**

**S.R. சுப்பிரமணிய ஆதித்தன் Ex.M.L.A.,**  
மாநிலமன்ற தலைமை குழு உறுப்பினர், மாவட்டத்தலைவர்  
50, சன்னதி தெரு, திருச்செந்தூர் - 628215.

**S.R.S. ATHITHAN Ex.M.L.A.,**  
TIRUCHENDUR. Ph 04639 - 232251, 242346

தேதி: 20.12.04.

CERTIFICATE

This is to certify that Mr.L. VANITHA has worked as lecturer in one of our educational institute of "DR. SIVANTHI ADITHANAR COLLEGE OF ENGINEERING" at Tiruchendur, during the period from 1.7.1995 to 31.12.1999.

Her conduct and Charecter are good.

*S. R. Athithan*

( S.R.S. ATHITHAN )



# Sri Venkateswara College of Engineering

(Approved by the A.I.C.T.E., Accredited by the NAAC and affiliated to Anna University Chennai)

Post Bag No.3, Pennalur, Sriperumbudur, 602 105 India

Phone : 91-44-27152000 (20 Lines)  
27163783/27163784/27107016

Fax : 91-44-27162462/27162494

Email : acm@svce.ac.in URL : <http://www.svce.ac.in>

Grams : SVEC, Sriperumbudur



11/07/2011

## SERVICE CERTIFICATE

This is to certify that Ms. L.Vanitha – Assistant Professor Department of Electronics and Communication Engineering was employed in various capacities in Sri Venkateswara College of Engineering as per following details :

Lecturer			
Electronics and Communication Engineering	07.06.2004	to	31.05.2008
Senior Lecturer			
Electronics and Communication Engineering	01.06.2008	to	31.05.2010
Assistant Professor			
Electronics and Communication Engineering	01.06.2010	to	11.07.2011

During her service in this College she availed Leave on Loss of Pay from 22.10.2005 to 30.06.2006.

The last salary drawn by her in this College is given below:-

	Rs.
Basic Pay	19810/-
AGP	7000/-
DA	9384/-
HRA	2500/-
CCA	600/-
Incentive	804/-
Total	40098/-

  
PRINCIPAL





# SREE SASTHA INSTITUTE OF ENGINEERING AND TECHNOLOGY

( An ISO 9001 - 2008 Certified and NBA Accredited Institution )

**Administrative Office :**

99, New Avadi Road, (opp. Pachaiyappas College)  
Kilpauk, Chennai - 600 010.  
Ph : 26450120, 26450209  
e-mail : ssiet@eth.net

**College :**

Chennai - Bangalore Highway, Sree Sastha Nagar,  
Chembarambakkam, Chennai - 600 123.  
Ph : 26810114 / 115 / 117 Tele Fax : 044 - 26810122.  
website : sasthaenggcollege.edu.

**Dr. A.M.K. JAMBULINGAM**  
CHAIRMAN

**Prof.J.Karthikeyan**  
Vice Chairman & CEO

**Date:20.06.2012**

### Relieving Order

This is to certify that **Ms. L. Vanitha** worked as Asst. Prof. in the Department of Electronics and Communication Engineering in our Institution. She was relieved on 25.05.2012.

**VICE CHAIRMAN & CEO**

To  
**Ms. L. Vanitha**





# St. Peter's Institute of Higher Education and Research

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



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

**VIMALA S**

*has been admitted to the Degree of*

**DOCTOR OF PHILOSOPHY**

*in*

**ELECTRONICS AND COMMUNICATION ENGINEERING**

*she having been certified by duly appointed examiners*

*to be qualified to receive the same*

*at the VIVA-VOCE examination held in AUGUST 2018.*



*Given under the seal of the Institute*

Date : 23-02-2019  
Avadi, Chennai - 600 054  
Tamilnadu, India

*Yac K...*  
Registrar

*Dr. P. S. S. S. S.*  
Vice-Chancellor





பாரதியார் பல்கலைக் கழகம்  
Bharathiar University



அறிவியல் புலம்  
FACULTY OF SCIENCE

பாரதியார் பல்கலைக் கழகத்தால் முறையாக அமைக்கப்பட்ட தேர்வாளர் குழு.  
ஹேமலதா நா, 2014ஆம் ஆண்டு, துலை 25ஆம் நாளில் உயிர் நுட்பவியல் 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 **HEMALATHA N**  
has been admitted to the Degree of **DOCTOR OF PHILOSOPHY** in **BIOTECHNOLOGY**,  
having been certified by duly appointed Examiners to be qualified to receive the same on **25th JULY 2014**.

Given under the Seal of the University.



கோயம்புத்தூர்  
Coimbatore  
6690439  
நாள்

Dated: 22nd December 2014 Controller of Examinations i/c

தேர்வாணையர் (பொ)

பதிவாளர்

Registrar

துணைவேந்தர்

Vice-Chancellor

A058917





# St. PETER'S UNIVERSITY

St. PETER'S INSTITUTE OF HIGHER EDUCATION AND RESEARCH

(Declared under Section 3 of the UGC Act, 1956)  
Avadi, Chennai-600 054, Tamilnadu, India.

SI No. : SP 05801



## PROVISIONAL CERTIFICATE

This is to certify that the undermentioned candidate is qualified for the award of a Degree as detailed below :

Name : JAYARAMAN P

Date of Birth : 29/12/1976

Registration No. : SP11MEDA145

Programme : Ph.D.

Branch/Specialization : Mechanical Engineering

Medium of Instruction and Examination : English

Month & Year of Passing : 27/09/2017

Cumulative Grade Point Average (CGPA) : Not applicable

Weighted Cumulative Percentage of Marks(WCPM) : Not applicable

Classification : Not applicable

Note : Certified to the effect that the Degree is to be awarded in accordance with the provisions to the UGC Regulation, 2009.



Chennai-600 054

Date : 31/10/2017

(Dr. M. SHANMUGHAM)

*Controller of Examinations*





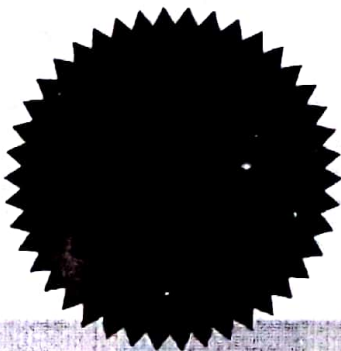


Reg. No: 2713239708/RG

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

**THEORETICAL AND EXPERIMENTAL STUDIES ON EVALUATION OF FRICTION FACTOR IN EXTRUSION PROCESS OF AA6063 AND AA6063/SiC<sub>p</sub> COMPOSITES**



*Given under the Seal of the University*

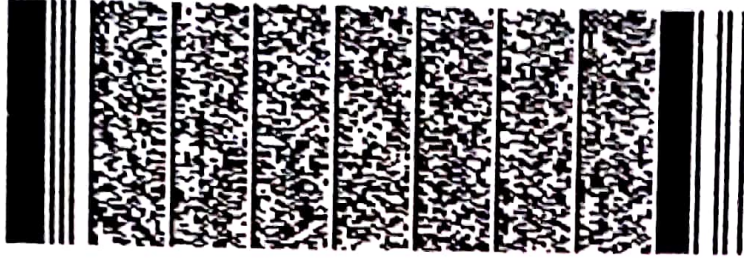
Chennai 600 025  
India  
November 2013

*[Signature]*  
Controller of Examinations

*[Signature]*  
Registrar

*[Signature]*  
Vice-Chancellor





Sl. No. 268121

Read by	<i>T. Ravati</i>
Verified by	<i>S. Sini Vasah</i>



அறிவியல் புலம்  
FACULTY OF SCIENCE

2015

ஆம் ஆண்டில் சென்னைப் பல்கலைக்கழகத்தில் ஆய்வு நிகழ்த்தி  
வழங்கிய ஆய்வேட்டுக்காக முனைவர் பட்டம் பெறத் தகுதியுடையவர் என்று தக்க  
தேர்வாளர்களால் சான்றளிக்கப்பட்டு கோபிகிருஷ்ணன் மு

என்பவருக்கு முனைவர் பட்டம் அளிக்கப்படுகிறது என்று சென்னைப் பல்கலைக்கழகப் பேரவை  
அறிவிக்கிறது.

சென்னைப் பல்கலைக்கழக இலச்சினையுடன், சென்னையில் 2015 ஆம் ஆண்டு  
மார்ச் திங்கள் 26 ஆம் நாள் அளிக்கப்பட்டது.

*The Senate of the University of Madras hereby makes known that*  
Gopikrishnan M *has been conferred the*

**DEGREE OF DOCTOR OF PHILOSOPHY**

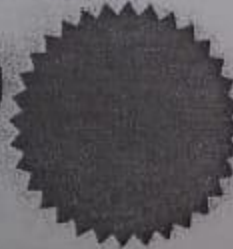
*he/she having been certified by duly appointed examiners to be qualified to*  
*receive the same in the year 2015*

*Given under the seal of the University of Madras, at Chennai this*  
*26<sup>th</sup> day of March 2015*

*Title of the Thesis: "A Study on the Neural Network based Biometric Iris*  
*Recognition Techniques" (Computer Science)*

ஆய்வுத் தலைப்பு :

Ph.D. Degree has been awarded in accordance with the minimum standards and procedure of the  
regulations of the University Grants Commission 2009.



*[Signature]*  
பதிவாளர்  
Registrar

*[Signature]*  
துணை வேந்தர்  
Vice-Chancellor



# Anna University



Reg.No.1014219710/RG

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

Title of the Thesis:

**INFLUENCE OF HUMAN ASPECTS ON THE TOTAL QUALITY MANAGEMENT IMPLEMENTATION IN THE MANUFACTURING ORGANIZATIONS - AN EMPIRICAL INVESTIGATION**

Given under the seal of the University



Chennai 600025  
India  
December 2018

*[Signature]*  
Controller of Examinations

*[Signature]*  
Registrar

*[Signature]*  
Vice-Chancellor



SI.No: MJ 524564

Read by	<i>T. Revathi</i>
Verified by	<i>P.S.M</i>



# Anna University



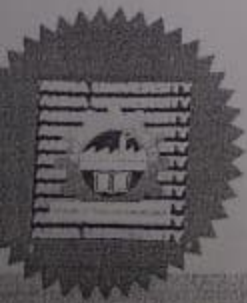
Reg.No. 2823499120/RG

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

*Title of the Thesis:*

QUERY SENSITIVE COMPARATIVE SUMMARIZATION USING FREQUENT TERMS SET AND SEMANTIC RELEVANCE BASED SEGMENTS

*Given under the Seal of the University*



*[Signature]*  
Controller of Examinations

*[Signature]*  
Registrar

*[Signature]*  
Vice-Chancellor



# Anna University



Reg. No.:2004529706/RG

The Syndicate of the Anna University hereby makes known that **PALADI LEELA NAGA RAMESH** 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 **2011**.


Title of the thesis:

**A STUDY ON THE HYDRODYNAMICS OF A CIRCULATING FLUIDIZED BED USING CFD AS A SIMULATION TOOL**

Given under the Seal of the University



Chennai 600 025  
India  
January 2012  
HAR01204

  
Controller of Examinations

  
Registrar

  
Vice-Chancellor

TRIGLIA ILEBICO NIKC'ADME UTITAMAI





FACULTY OF SCIENCE

The Senate of the University of Kerala hereby makes  
known that C. Lakshmi Lakshmi has been admitted to the  
degree of Doctor of Philosophy, she having been certified by duly  
appointed Examiners to be qualified to receive the same.

Given under the seal of the University.



University Buildings

Am. 31. 5. 1989

*[Signature]*  
Vice-Chancellor

Scanned by CamScanner

*[Signature]*  
*[Signature]*

PRINCIPAL

PRATHYUSA ENGINEERING COLLEGE  
Poonamallee - Tiruvallur High Road,  
Aranvoalkunnam Tiruvallur 602028



ph. D.

Nº 000407

Notification No. 2633/50/Exam/Univ  
Dt. 27.04.2011

# Berhampur University



DOCTOR OF PHILOSOPHY

This is to certify that

*S. Padma Priya*

having passed the examination

for the degree of

DOCTOR OF PHILOSOPHY

in faculty of *Computer Science*

on the thesis "*Some study on  
security in wireless personal  
area networks*"

held in the month of *April* 2011

was this day admitted to the degree.

BERHAMPUR UNIVERSITY, BHANJA BIHAR,  
BERHAMPUR-760 007.

Dated the

NAF 11/11

*[Signature]*  
Vice-Chancellor

*[Signature]*  
DA 07  
*[Signature]*  
DR





FACULTY OF SCIENCE - MICROBIOLOGY  
அறிவியல் புலம் - நுண்ணுயிரியல்

2015 ஆம் ஆண்டில் மதுரை காமராசர் பல்கலைக்கழகத்தில்

ஆய்வு நிகழ்த்தி வழங்கிய ஆய்வேட்டுக்காக 19-12-2014 நாளன்று முனைவர் பட்டம்

பெறத் தகுதியுடையவர் என்று தக்க தேர்வாளர்களால் சான்றளிக்கப்பட்டு

சத்யா, சோ.

என்பவருக்கு முனைவர் பட்டம் அளிக்கப்படுகிறது என்று மதுரை காமராசர் பல்கலைக்கழக ஆட்சிப் பேரவை அறிவிக்கின்றது.

மதுரை காமராசர் பல்கலைக்கழக இலச்சினையுடன், மதுரையில் 2016 ஆம் ஆண்டு

பிப்ரவரி திங்கள் 12 ஆம் நாள் அளிக்கப்பட்டது.

The Senate of the Madurai Kamaraj University hereby makes known that

SATHYA, S.

has been conferred the

DEGREE OF DOCTOR OF PHILOSOPHY

he / she having been certified by duly appointed Examiners to be qualified to receive

the same as on 19-12-2014

Given under the seal of the Madurai Kamaraj University, at Madurai the

12<sup>th</sup> day of February 2016

Title of the Thesis : "LIPID AND FATTY ACIDS PROFILE OF GREEN ALGAE".



Subject Area MICROBIOLOGY

பல்கலைக்கழகம், மதுரை - 625 021  
Palkalainagar, Madurai - 625 021  
நாள் Dated : 12-02-2016

தேர்வாளையர்  
Controller of Examinations

பதிவாளர்  
Registrar

Convener, Syndicate Committee

துணைவேந்தர்  
Vice-Chancellor





பாரதியார் பல்கலைக் கழகம்  
Bharathiar University

அறிவியல் புலம்  
FACULTY OF SCIENCE



பாரதியார் பல்கலைக் கழகத்தார்

முறையாக

அமைக்கப்பட்ட

தேர்வாளர்

குழு.

சுரேகா ரெ,

2015 ஆம் ஆண்டு, ஏப்ரல் 8 ஆம்

நாளில்

இயற்பியல்

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 SUREKHA R has been admitted to the Degree of DOCTOR OF PHILOSOPHY in PHYSICS, having been certified by duly appointed Examiners to be qualified to receive the same on 8th APRIL 2015.

Given under the Seal of the University.



கோயம்புத்தூர்  
Coimbatore  
616947  
நாள்

தேர்வாளர்(பொ)

பதிவாளர்

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

Registrar

Vice-Chancellor

B 011157





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



**Dr. R. JAYAVEL**  
DIRECTOR

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



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

Date : 15.03.2016

To  
Dr. Surekha R  
Assistant Professor SG  
Department of Physics  
Prathyusha Engineering College,  
Thiruvallur - 602025

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: 2770033** ) for guiding Ph.D. and M.S. (By Research) scholars of this University under the faculty of **Science and Humanities**.

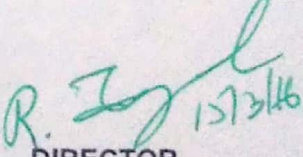
Area of Specialization: "**Materials Science, Crystal Growth**"

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 **2770033** for reference.

  
DIRECTOR

Copy to: Head of the Department / Institution



07PHD033

Sl. No.: 043886

**VIT UNIVERSITY**

Established under section 3 of the UGC Act, 1956



The Board of Management of the VIT University  
hereby confers on



**THENMOZHI M**

*the degree of*

**DOCTOR OF PHILOSOPHY**

*in recognition of the research work entitled*

**ISOLATION AND CHARACTERIZATION OF BIOACTIVE COMPOUND  
PRODUCED BY A MARINE STREPTOMYCES SP. VITSTK7**

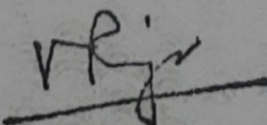
*and for having fulfilled the prescribed requirements in the*

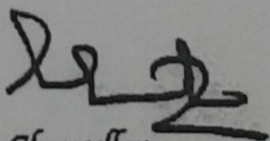
**School of Bio Sciences and Technology**

*given this day the 31st August 2013*



Given under the seal of this university

  
Vice - Chancellor

  
Chancellor

Dated: 31-Aug-2013

Vellore - 632 014, Tamil Nadu, India





அறிவியல் புலம்  
FACULTY OF SCIENCE

2017

ஆம் ஆண்டில் சென்னைப் பல்கலைக்கழகத்தில் ஆய்வு நிகழ்த்தி  
வழங்கிய ஆய்வேட்டுக்காக முனைவர் பட்டம் பெறத் தகுதியுடையவர் என்று தக்க  
தேர்வாளர்களால் சான்றளிக்கப்பட்டு கவிமணி வி

என்பவருக்கு முனைவர் பட்டம் அளிக்கப்படுகிறது என்று சென்னைப் பல்கலைக்கழகப் பேரவை  
அறிவிக்கிறது.

சென்னைப் பல்கலைக்கழக இலச்சினையுடன், சென்னையில் 2018 ஆம் ஆண்டு  
மே திங்கள் 5 ஆம் நாள் அளிக்கப்பட்டது.

*The Senate of the University of Madras hereby makes known that*  
KAVIMANI V *has been conferred the*

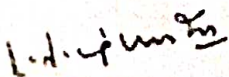
## DEGREE OF DOCTOR OF PHILOSOPHY

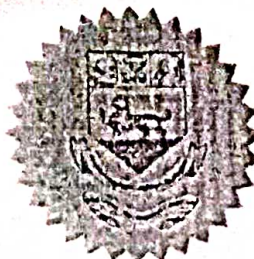
*he/she having been certified by duly appointed examiners to be qualified to*  
*receive the same in the year 2017.*

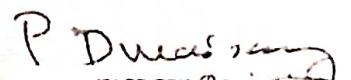
*Given under the seal of the University of Madras, at Chennai this*  
5<sup>th</sup> *day of* May 2018 *.*

*Title of the Thesis :* "SYNTHESIS AND CHARACTERISATION OF CERTAIN  
SORBITOL BASED POLYMERIC NANOCOMPOSITES"  
ஆய்வுத் தலைப்பு : (Chemistry)

Ph.D. Degree has been awarded in accordance with the minimum standards and procedure of the  
regulations of the University Grants Commission 2009.

  
பதிவாளர்  
Registrar



  
துணை வேந்தர்  
Vice-Chancellor



# Karunya UNIVERSITY

(Karunya Institute of Technology and Sciences)

Declared as Deemed to be University under Sec. 3 of the UGC Act, 1956

KARUNYA NAGAR, COIMBATORE - 641 114, TAMILNADU, INDIA.



*The Board of Management  
of  
Karunya University  
hereby makes known that*

**POORNACHANDRAN J**

*has been admitted to the Degree of  
Doctor of Philosophy*

in

**ELECTRICAL AND ELECTRONICS**

**Faculty of Engineering**

*having been certified by duly appointed examiners to be  
qualified to receive the same in May 2016*

*Title of the Thesis :*

*Design and Development of Web based Embedded Controller  
for Electric Drives*



*Given under the seal of the University*

*Dated : 16 November 2016*

*Paul Shinkaran*  
Chancellor

*Jamal*  
Vice Chancellor

*Deepthi*  
Registrar





..... அறிவியல் ..... புலம்  
**FACULTY OF SCIENCE.....**

2012 ஆம் ஆண்டில் சென்னைப் பல்கலைக்கழகத்தில் ஆய்வு நிகழ்த்தி  
வழங்கிய ஆய்வேட்டுக்காக முனைவர் பட்டம் பெறத் தகுதியுடையவர் என்று தக்க  
தேர்வாளர்களால் சான்றளிக்கப்பட்டு பிரவீனா ஆ  
என்பவருக்கு முனைவர் பட்டம் அளிக்கப்படுகிறது என்று சென்னைப் பல்கலைக்கழகப் பேரவை  
அறிவிக்கிறது.

சென்னைப் பல்கலைக்கழக இலச்சினையுடன், சென்னையில் 2013 ஆம் ஆண்டு  
ஆகஸ்ட் திங்கள் 17 ஆம் நாள் அளிக்கப்பட்டது.

*The Senate of the University of Madras hereby makes known that*  
Praveena A *has been conferred the*

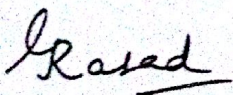
**DEGREE OF DOCTOR OF PHILOSOPHY**

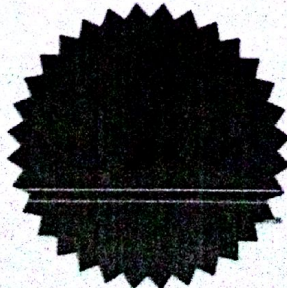
*he/she having been certified by duly appointed examiners to be qualified to*  
*receive the same in the year* 2012 *.*

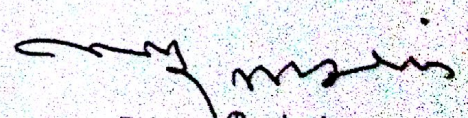
*Given under the seal of the University of Madras, at Chennai this*  
17<sup>th</sup> *day of* August 2013 *.*

*Title of the Thesis : "Morinda Tinctoria Roxb. as a potential source of Biopesticide*  
*against the cotton bollworm, Helicoverpa armigera (Hubner)"*  
ஆய்வுத் தலைப்பு : (Bioinformatics-Zoology) (Inter-disciplinary)

The Ph.D. Degree has been awarded in accordance with the provisions of the regulations of the UGC

  
பதிவாளர்  
Registrar



  
துணைவேந்தர்  
Vice-Chancellor



மதுரை காமராசு பல்கலைக்கழகம்

# Madurai Kamaraj University

அறிவியற் புலம்  
FACULTY OF SCIENCE

மதுரை காமராசர் பல்கலைக்கழக ஆட்சியாளர்  
அ. ஜி. அ. ராஜகிசின்த்

அறிஞர் பட்டம் பெறுதற்குத் தேர்வுபட்டவர் என முறையாக அமைக்கப்  
பெற்ற தேர்வீனரைச் சான்றிதழ்வரூப 1991 ஆம்  
ஆண்டில் இந்தப் பட்டம்பேற்றுக்கு உரியவர் ஆகின்றார் என இதன்வழி  
அறிவிக்கின்றது.

பல்கலைக்கழக முத்திரையுடன் இது வழங்கப்படுகின்றது

The Senate of the MADURAI KAMARAJ UNIVERSITY  
ereby makes known that A. J. A. Ranjitsingh.  
as been admitted to the Degree of Doctor of Philosophy,  
e/she having been certified by duly appointed Examiners to be  
alified to receive the same in the year 1991.

Given under the seal of the University



மதுரை  
Kamaraj Nagar

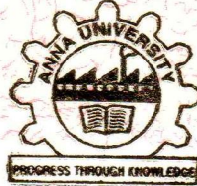
ச. சிவசுந்தரம்  
பதிவாளர்

Vice-Chancellor

20 10 1991



# Anna University



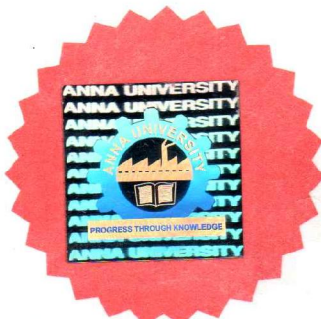
Reg. No.:2004359703/RG

*The Syndicate of the Anna University hereby makes known that*  
**SATHIYASEKAR K** *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* **2010**.

*Title of the thesis:*

**PREDICTING THE INSULATION STATUS OF HIGH VOLTAGE ROTATING MACHINES USING INTELLIGENT TECHNIQUES**

*Given under the Seal of the University*



Chennai 600 025  
India

December 2010 *Controller of Examinations*

GAR013014

*V. Jayaram*

*Registrar*

*Vice-Chancellor*

AK2003D00346 1000302258880





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 : 01.03.2016

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

To  
Dr. Sathiyasekar K ✓  
Professor  
Department of Electrical and Electronics Engineering  
S.A. Engineering College,  
Chennai - 600077



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: 2730002** ) for guiding Ph.D. and M.S. (By Research) scholars of this University under the faculty of **Electrical Engineering**.

Area of Specialization: "**High Voltage Engineering, Soft Computing, Power System, VLSI**"

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 **2730002** for reference.

R. Jayavel  
DIRECTOR

Copy to: Head of the Department / Institution



Year : 2020-2021



# Centre For Research **ANNA** UNIVERSITY, CHENNAI



NOTE :

SCHOLAR DETAILS								
S.NO	REGNO	NAME	DEGREE	FACULTY	REG YEAR	REG SESS	SUPERVISOR	STATUS
1	11260431058	Udayakumar C	Ph.D.	Elec	2012	JAN	Supervisor	Thesis Submitted
2	71130431027	Saravanakumar N	Ph.D.	Elec	2011	JUL	Supervisor	Thesis Submitted
3	16243997185	Valliammal L	Ph.D.	Elec	2016	JUL	Supervisor	Confirmation completed
4	17123991234	Alexprabu S P	Ph.D.	Elec	2017	JAN	Supervisor	Confirmation completed
5	17133991105	Sathish Kumar T	Ph.D.	Elec	2017	JAN	Supervisor	Confirmation completed
6	17153991235	Prakash D	Ph.D.	Elec	2017	JAN	Supervisor	Confirmation completed
7	17223991106	Divya Prabha V	Ph.D.	Elec	2017	JAN	Supervisor	Confirmation completed
8	1623499429	Selvalakshmi B	Ph.D.	Ice	2016	JAN	Joint Supervisor	Synopsis Submitted
9	16184997220	Mohamed Imtiaz N	Ph.D.	Ice	2016	JUL	Joint Supervisor	Confirmation completed
10	18254997168	Hima Vijayan	Ph.D.	Ice	2018	JUL	Joint Supervisor	Confirmation completed



Year : 2019-2020

SCHOLAR DETAILS								
S.NO	REGNO	NAME	DEGREE	FACULTY	REG YEAR	REG SESS	SUPERVISOR	STATUS
1	11260431058	Udayakumar C	Ph.D.	Elec	2012	JAN	Supervisor	Thesis Submitted
2	71130431027	Saravanakumar N	Ph.D.	Elec	2011	JUL	Supervisor	Thesis Submitted
3	16243997185	Valliammal L	Ph.D.	Elec	2016	JUL	Supervisor	Confirmation completed
4	17123991234	Alexprabu S P	Ph.D.	Elec	2017	JAN	Supervisor	Confirmation completed
5	17133991105	Sathish Kumar T	Ph.D.	Elec	2017	JAN	Supervisor	Confirmation completed
6	17153991235	Prakash D	Ph.D.	Elec	2017	JAN	Supervisor	Confirmation completed
7	17223991106	Divya Prabha V	Ph.D.	Elec	2017	JAN	Supervisor	Confirmation completed

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[Home](#)





# Indian Institute of Technology, Madras

*hereby confers the degree of*

**Doctor of Philosophy**  
*of the Institute*

*on*

**S SEETHARAMAN**

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

**LINEAR STOCHASTIC RESPONSE OF  
OFFSHORE GUYED TOWERS UNDER COMBINED LOADING**

*Given this day the Eleventh of August 1990  
under the seal of the Institute.*

*V. Gan.*  
Registrar

*M. Chinn.*  
Director

*K. K. Sundaram.*  
Chairman Board of Governors

