



Anand Nagar, Krishnankoil - 626126, Srivilliputtur (via), Virudhunagar District, Tamilnadu.

**APPLICATION FOR ADMISSION TO Ph.D. PROGRAMMES**

Date of Application:03-12-2020

Department	MATHEMATICS	Application No.	202020039
Area of Research	FAZZY	Research Mode	PART TIME

**Name** :THARAKESWARI V  
**Date of Birth / Age** :05-05-1981 / 39 Years  
**Gender** :FEMALE  
**Category** :BC  
**e-Mail ID** :thara.maths@gmail.com  
**Mobile** :9944558677



<b>Father's/Husband's Name</b>	PRASATH B	<b>Father's/Husband's Occupation</b>	MANAGER IN ADANI GROUP
<b>Family Income</b>	480000	<b>Residential Type</b>	RURAL
<b>Birth Place</b>	THANJAVUR	<b>Mother Tongue</b>	TAMIL
<b>Religion</b>	HINDU	<b>Martial Status</b>	MARRIED
<b>Aadhaar No.</b>	944831811839	<b>PAN No.</b>	AWWPT5789P
<b>Physically Challenged</b>	NO	<b>Type of Disability</b>	-
<b>Address for Communication:</b> 16 PHASE II, SIVAN KOVIL STREET, ALINCHIVAKKAM PONNERI THIRUVALLUR DISTRICT TAMILNADU INDIA Pin-600067		<b>Permenant Address:</b> 16 PHASE II, SIVAN KOVIL STREET, ALINCHIVAKKAM PONNERI THIRUVALLUR DISTRICT TAMILNADU INDIA Pin-600067	

Qualification						
Degree	Discipline	College/university	Year Passed	AVG/CGPA	Class	Mode
B. SC	MATHEMATICS	BHARATHIDASAN UNIVERSITY	2002	67	FIRST	REGULAR
M. SC	MATHEMATICS	BHARATHIDASAN UNIVERSITY	2004	76	FIRST	REGULAR
M. PHIL	MATHEMATICS	ALAGAPPA UNIVERSITY	2007	51.2	SECOND	CORRESPOND

Experience					
Organization	Designation	Experience From	Experience TO	Work Nature	
C. C. M. R. P. COLLEGE	LECTURER	2005-08-16	2008-07-31	TEACHING	
PARISUTHAM INSTITUTE OF TECHNOLOGY AND SCIENCE	LECTURER	2008-08-01	2013-05-31	TEACHING	
J.N.N INSTITUTE OF ENGINEERING	ASSISTANT PROFESSOR	2013-07-01	2020-12-03	TEACHING TILL NOW	

Payment Details				
Transaction ID	Reference	Date of transaction	Amount	Status

202020039_201214120244	VHMP9556981381	14-12-2020	600	SUCCESS
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## ABSTRACT

Fuzzy set theory is the extension of conventional set theory. Fuzziness quantifies vagueness and ambiguity, as opposed to crisp memberships. Fuzzy stage processing is an attempt to translate the ability of human reasoning into computer vision problem as it provides an intuitive tool for inference from imperfect data. It gives a new methodology augmenting classical logic, a component of any computer vision tool. Glaucoma is an eye disease caused by elevated intra-ocular pressure. This elevated pressure destroys the optic nerve. This causes enlargement (or) deepening of optic cup and loss of vision.

Aim of our project is to detect the glaucoma in Retinal Images. The project detects the presence of glaucoma by using color fundus image through the computer screening. In automated method the input of a person by fundus camera. The captured image is subjected to various preprocessing steps like gray level transformation, median filtering and mathematical morphology. Image processing capabilities of MAT LAB are used extensively to accurately detect presence of Glaucoma in the eye. The result shows the decision support system in medical staff with accurate and reliable diagnosis of glaucoma with good prediction percentage of 98%. A new type of image understanding and treatment has to be developed. This paper proposes a programmed identification procedure of Glaucoma by extracting a part of eye sclera to keep the danger of causing a noteworthy harm. The Fuzzy image has become one of the most fundamental tools for both clinical research and sickness diagnosis.

Centre Code 211



Reg. No. 211/2002/10th Aug. 2002/211/2002

**பாரதிதாசன் பல்கலைக்கழகம்**  
**BHARATHIDASAN UNIVERSITY**  
**அறிவியல் புலம்**  
**FACULTY OF SCIENCE**

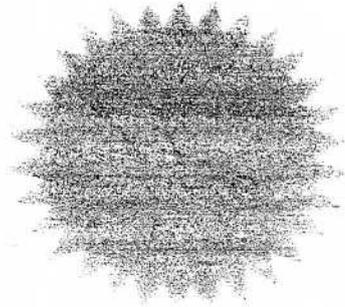
**பாரதிதாசன் பல்கலைக்கழக ஆட்சித் துழு ஏப்ரல் 2002**

ஆம் ஆண்டு நடத்திய கணிதவியல் தேர்வில்  
**வ. தரகேஸ்வரி**

என்பவர் முதல் வகுப்பில் தேர்ச்சி பெற்றார் என்று நக்ச தேர்வாளர்கள்  
காண்புளித்துப் படி அறிவியல் இளையர் என்றும் பட்டத்தை  
அவருக்குப் பல்கலைக்கழக இலச்சினைபுடன் வழங்குகிறது.

*The Syndicate of the BHARATHIDASAN UNIVERSITY hereby makes known that V. THARAKESWARI has been admitted to the Degree of BACHELOR OF SCIENCE having been certified by duly appointed Examiners to be qualified to receive the same in MATHEMATICS at the Examination held in APRIL 2002 and placed in FIRST Class.*

*Given under the seal of the University.*



*P. S. 9/7-116*

திருச்சிரப்பள்ளி  
Tiruchirappalli

தாள் : 10th August 2002  
Dated :

*[Signature]*  
பதிவுரைநாயகர் Registrar

*[Signature]*  
துணைவேந்தர் Vice-Chancellor

**PRINCIPAL**  
**J.N.N. INSTITUTE OF ENGINEERING**  
KANNIGAIPOLE, CHENNAI-TIRUVARUR HIGHWAY  
THIRUVALLUR (DISTRICT) TAMIL NADU, PINCODE-601102  
Ph.No. 044-27629013



Centre Code :17

Reg. No. 02PMT4849 :Code No. 074EC :S.No. 261469

பாரதிதாசன் பல்கலைக்கழகம்  
BHARATHIDASAN UNIVERSITY

அறிவியல் புலம்  
FACULTY OF SCIENCE

பாரதிதாசன் பல்கலைக்கழக ஆட்சிக் குழு ஏப்ரல் 2004 ஆம் ஆண்டு  
மாட்சிமை தங்கிய மாமன்னர் கல்லூரி (தன்னாட்சி),  
புதுக்கோட்டை நடத்திய கணிதவியல் தேர்வில்  
வா. தாரகேஸ்வரி  
என்பவர் முதல் வகுப்பில் தேர்ச்சி பெற்றார் என்று தக்க தேர்வாளர்கள்  
சான்றளித்தபடி அறிவியல் நிறைஞர் என்னும் பட்டத்தை  
அவருக்குப் பல்கலைக்கழக இலச்சினையுடன் வழங்குகிறது.

The Syndicate of the BHARATHIDASAN UNIVERSITY hereby makes  
known that V. THARAKESWARI has been  
admitted to the Degree of MASTER OF SCIENCE, having  
been certified by duly appointed Examiners to be qualified to receive the same in  
MATHEMATICS at the Examination  
field in APRIL 2004 and placed in FIRST Class through the  
H.H. THE RAJAH'S COLLEGE (Autonomous), PUDUKKOTTAI of the University.

-Given under the seal of the University.

PRINCIPAL  
J.N.N. INSTITUTE OF ENGINEERING  
KANNIGAI, CHEERANJUR, MALAYAM HIGH WAY  
THIRUVALLUR (DISTRICT) TAMILNADU PIN CODE-601102  
Ph.No. 044-27627613

திருச்சிராப்பள்ளி  
Tiruchirappalli

நாள் : 27th October 2004  
Dated :

பதிவாளர் Registrar

பதிவாளர் Registrar

தி. குங்குமசெட்டி  
துணைவேந்தர் Vice-Chancellor

துணைவேந்தர் Vice-Chancellor



அழகப்பா பல்கலைக்கழகம்

ALAGAPPA UNIVERSITY

(Accredited with "A" Grade by NAAC)

Reg No. 046050311

FACULTY OF SCIENCE

The Syndicate of the Alagappa University

hereby confers the degree of

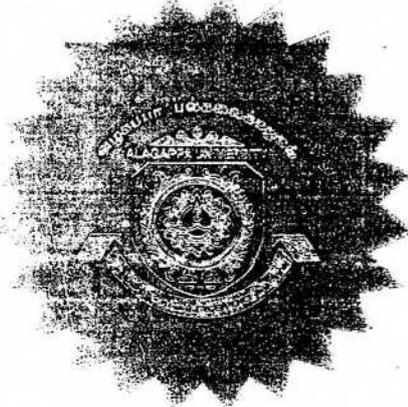
MASTER OF PHILOSOPHY IN MATHEMATICS

on

THARAKESWARI V

with **SECOND** class in **MAY 2007** for having  
fulfilled the requirements for the degree.

Given under the seal of the University



J.N.N. INSTITUTE OF ENGINEERING  
KARAIKUDI, DISTRICT KARAIKUDI, TAMIL NADU  
THIRUVALLUR ROAD, KARAIKUDI - 606002  
Ph.No. 0464-2729613

Karaikudi

Date : 1 JUL 2008

பதிவாளர்  
Registrar

துணைவேந்தர்  
Vice - Chancellor



# Bharathidasan University

Trichirappalli



**B.Sc.**  
CONSOLIDATED  
APRIL 2002

**DEGREE EXAMINATIONS**  
**STATEMENT OF MARKS**

**(SEMESTER SYSTEM)**

**ROLL NO. 0396387**

NAME OF THE CANDIDATE <b>THARAKESWARI V</b>	REGISTER NO <b>SU98 3109275</b>	CENTRE CODE <b>21</b>	CLASS NO <b>7082</b>
PART I	PART II & III		
<b>TAMIL</b>	<b>ENGLISH</b>	<b>MATHEMATICS</b>	

**RAJAH SENGUNTHU GOVERNMENT ARTS COLLEGE THANJAVUR 613 005**

SL. NO.	PART	TOPIC OR SUBJECT	APPEARED	MARKS OBTAINED	MAX. MARKS	PERCENTAGE	RESULT
1	1	CHEYYIL (IKKALA ILAKKIAM), URAINADAI, SIRUKATHAI	NOV 1999 T1	100	57	PASS	
1	2	ENGLISH FOR COMMUNICATION	NOV 1999 E1	100	40	PASS	
1	3	DIFFERENTIAL CALCULUS & TRIGONOMETRY	NOV 1999 RSJ1	100	40	PASS	
1	3*	MATHEMATICAL STATISTICS-I	NOV 1999 REV11A	100	50	PASS	
2	1	CHEYYIL (IDAIKKALA ILAKKIAM), NOVEL: AICHITHAMIZH, MOZHIDEVARAPPU	APR 2000 T2	100	50	PASS	
2	2	PHONE, DETAILED AND NON-DETAILED	NOV 2000 E2	100	42	PASS	
2	3	ANALYTICAL GEOMETRY OF TWO DIMENSIONS AND INTEGRAL CALCULUS	APR 2000 RSJ2	100	52	PASS	
2	3	THEORY OF EQUATIONS & ANALYTICAL GEOMETRY OF THREE DIMENSIONS	APR 2000 RSJ3	100	55	PASS	
2	3*	MATHEMATICAL STATISTICS-III	APR 2000 REV11C	100	72	PASS	
2	3*	MATHEMATICAL STATISTICS-II (PRACTICAL)	APR 2000 REV11BF	100	52	PASS	
3	1	CHEYYIL (KAPPIYANGAL) NADADAM, ARIVYALTAMIZH	NOV 2000 T3	100	70	PASS	
3	2	POETRY AND DRAMA	NOV 2000 E3	100	65	PASS	
3	3	SEQUENCES AND SERIES	NOV 2000 RSJ4	100	70	PASS	
3	3*	PHYSICS-I	NOV 2000 REV10A	100	70	PASS	
4	1	CHEYYIL (SANGA ILENNIANGAL, ILAKKIA VARALARU)	APR 2001 T4	100	64	PASS	
4	2	ENGLISH FOR COMPETITIVE EXAMINATIONS	APR 2001 E4	100	44	PASS	
4	3	INEQUALITIES, VECTOR CALCULUS AND THEORY OF NUMBERS	APR 2001 RSJ5	100	74	PASS	
4	3	DIFFERENTIAL EQUATIONS & TRANSFORMS	APR 2001 RSJ6	100	50	PASS	
4	3*	PHYSICS-III	APR 2001 REV15D	100	65	PASS	
4	3*	PHYSICS-II (PRACTICAL)	APR 2001 REV13BF	100	60	PASS	
5	3	ALGEBRA	NOV 2001 RSJ7	100	66	PASS	
5	3	REAL ANALYSIS	NOV 2001 RSJ8	100	82	PASS	
5	3	COMPUTER PROGRAMMING (RASIM) & FORTRAN	NOV 2001 RSJ9	100	45	PASS	
5	3	STATISTICS	NOV 2001 RSJ10	100	57	PASS	
5	3*	OPERATIONS RESEARCH	NOV 2001 RSJ10A1	100	70	PASS	
6	3	COMPLEX ANALYSIS	APR 2002 RSJ11	100	80	PASS	
6	3	NUMERICAL ANALYSIS	APR 2002 RSJ12	100	75	PASS	
6	3	DYNAMICS	APR 2002 RSJ13	100	70	PASS	
6	3	GRAVITY THEORY	APR 2002 RSJ14	100	70	PASS	
6	3*	ASTRONOMY	APR 2002 RSJ14A1	100	65	PASS	
4		EXTENSION AND EXTRA-CURRICULAR ACTIVITIES POPULATION EDUCATION CLUB *** END ***					

- 'B' GRADE

7/16

251	FIRST	171	THIRD
			1975
			FIRST

40% DATE: 05-07-2002  
 GRADE A ==> DISTINCTLY IN : B ==> VERY GOOD : C ==> GOOD : D ==> FAIR

*Handwritten signature*

**PRINCIPAL**  
**J.N.N. INSTITUTE OF ENGINEERING**  
 KANNIGADAI, CHENNAI - 600 074  
 THIRUVALLUR (DISTRICT) (TAMIL NADU) INDIA  
 Ph.No. 044-27620613



# H.H. THE RAJAH'S COLLEGE - AUTONOMOUS

PUDUKKOTTAI - 622 001.

(AFFILIATED TO BHARATHIDASAN UNIVERSITY, TIRUCHIAPPALLI) - 620 004

M. SC DEGREE EXAMINATION HELD IN

APRIL 2004

70495

CONSOLIDATED STATEMENT OF MARKS

NAME OF THE CANDIDATE: THARAKESWARAN  
 REGISTER NUMBER: 02PM 449  
 MAIN: APPLIED MATHEMATICS  
 MONTH & YEAR: 2003-2004  
 SEMESTER:

CODE	TITLE OF THE SUBJECT	10 Marks		35 Marks		Total	Grade	Result
		Max	Obtained	Max	Obtained			
I	MMTA1 REAL ANALYSIS	20	19	80	59	100	78	BBB
I	MMTB1 ORDINARY & PARTIAL DIFF. EQNS	20	18	80	54	100	62	BBB
I	MMTC1 OPTIMIZATION TECHNIQUES	20	19	40	34	100	64	BBB
II	MMTD1 ALGEBRA	20	19	40	39	100	62	BBB
II	MMTE1 COMPLEX ANALYSIS	20	19	80	58	100	60	BBB
II	MMTF1 MATHEMATICAL PROBABILITY & STATISTICS	20	20	80	51	100	74	BBB
II	MMTG1 GRAPH THEORY & ITS APPLICATIONS	20	19	80	67	100	66	BBB
III	MMTH1 STOCHASTIC PROCESSES	20	20	40	33	100	64	BBB
III	MMTI1 METHODS OF APPLIED MATHEMATICS	20	14	80	66	100	80	BBB
III	MMTK1 FLUID DYNAMICS	20	20	40	37	100	62	BBB
III	MMTL1 VISUAL BASIC	20	18	80	46	100	59	BBB
IV	MMTM1 DISCRETE MATHEMATICS	20	20	80	41	100	67	BBB
IV	MMTN1 ADVANCED NUMERICAL ANALYSIS	20	20	40	39	100	64	BBB
IV	MMTO1 BIOMATHEMATICS & DIFFERENTIAL GEOMETRY	20	20	80	65	100	65	BBB
IV	MMTP1 OBJECT ORIENTED PROGRAMMING WITH C++	20	20	80	57	100	67	BBB

TOTAL MARKS OBTAINED : 1138 / 1300  
PERCENTAGE : 78.87% PASSED IN FIRST CLASS

*P.S. 9/7/116*

Note: 10 stands for internal assessment  
35 stands for Semester Examinations  
Passing Mark is 60%

DATE OF BIRTH

Signature of Controller of Examinations

Any discrepancy call 1744 810 810

H.H. THE RAJAH'S COLLEGE - AUTONOMOUS  
PUDUKKOTTAI - 622 001

DATE 14 MAY 2004



CONTROLLER OF EXAMINATIONS

PRINCIPAL  
J.N.V. INSTITUTE OF DISTANCE EDUCATION  
KANNIGADAI  
TIRUVALLUR  
Ph. No. 944-2723013



# ALAGAPPA UNIVERSITY

ACCREDITED WITH 'A' GRADE BY NAAC

M.Phil. MATHEMATICS

CUMULATIVE

## STATEMENT OF MARKS

NAME		THARAKESWARI V				REG No. : 046050311	
CODE	SUBJECT	MARKS			RESULT	MMYY	
		I	E	T			In words
11	COMBINATIVE ALGEBRA	--	54	54	FIVE FOUR	PASS MAY 2005	
12	MEASURE THEORY	--	52	52	FIVE TWO	PASS MAY 2005	
13	TOPOLOGICAL VECTOR SPACES	--	50	50	FIVE ZERO	PASS MAY 2005	
14A	FUNDAMENTALS OF DOMINATIONS IN GRAPHS	--	50	50	FIVE ZERO	PASS MAY 2007	
14B	DATA STRUCTURE AND ALGORITHMS	--	50	50	FIVE ZERO	PASS MAY 2007	
Total: TWO FIVE SIX				25%	CLASS : Second		

ALAGAPPA NAGAR  
KARAIKUDI - 630 003

Dated : 28/09/07

Written Paper  
Practical  
Dissertation

MAX  
100  
250  
250

PASSING  
MIN.  
50%

Deputy Registrar

Controller of Examinations

Abbreviation: I - Internal, E - Exam, T - Total, MMYY - Month & Year

PRINCIPAL  
I.N.M. INSTITUTE OF ENGINEERING  
KANNIYANUR, 075, KARAIKUDI - 631 004, HIGHWAY  
THIRUVALLUR DISTRICT, TAMIL NADU, PINCODE-601102  
Ph.No. 044-27629613



1. Language offered under Part-

2. Medium of instruction

3. Whether the student has paid all the fees due to the College :

4. Whether the student was in receipt of any scholarship (Nature of the Scholarship to be specified) or any Educational Concessions .

5. Whether the student has undergone medical inspection if any, during the academic year (first or repeat to be specified).

6. Date on which the student actually left the College :

7. The student's Conduct and Character :

8. Date on which application for Transfer Certificate was made on behalf of the student by his parent or guardian.

9. Whether the student has undergone medical inspection if any, during the academic year (first or repeat to be specified).

10. Date on which the student actually left the College :

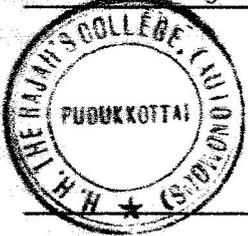
11. The student's Conduct and Character :

12. Date on which application for Transfer Certificate was made on behalf of the student by his parent or guardian.

13. Date of the Transfer Certificate :

14. Course of Study :

Name of the College	Academic Year	Classes studied	First language	Medium of instruction
THE RAJAH'S COLLEGE, PUDUKKOTTAI	2002-04	II M.Sc	தமிழ்	தமிழ்



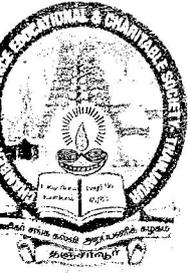
13. கல்லூரி முதல்வரின் கையொப்பம் :  
Date and with College Seal :

- (1) இச்சான்றிதழில் அழித்தல்கள் மற்றும் நம்பகமற்ற அல்லது மோசடியான திருத்தங்கள் செய்வது சான்றிதழை ரத்து செய்ய வழி வகுப்பதாகும்.  
Erasures and unauthenticated or fraudulent alterations in the certificate will lead to its cancellation
- (2) கல்லூரி முதல்வரால் மையினால் கையொப்பமிட வேண்டும். பதிவு செய்யப்பட்ட விவரங்கள் சரியானவை என்பதற்கு அவரே பொறுப்பானவர்.  
Should be signed in ink by the Head of the Institution who will be held responsible for the correctness of the entries.
- (3) பெற்றோர் அல்லது பாதுகாவலர் அளிக்கும் உறுதி மொழி.  
Declaration by the Parent or guardian.

மேலே 2 முதல் 8 வரையிலுள்ள இனங்களுக்கெனப் பதிவு செய்யப்பட்டுள்ள விவரங்கள் சரியானவை என்றும், எதிர்காலத்தில் அவற்றில் மாற்றம் எதுவும் கேட்கமாட்டேன் என்றும் நான் உறுதியளிக்கின்றேன்.  
I hereby declare that the particulars recorded against items 2 to 8 are correct and that no change will be demanded by me in future.

PRINCIPAL  
J.N.N. INSTITUTE OF ENGINEERING  
KANNIGAI PAIR, CHENNAI DISTRICT, TAMIL NADU, INDIA  
THIRUVALLUR (DISTRICT) TAMIL NADU, INDIA  
Ph.No. 044-27629813

பெற்றோர் அல்லது பாதுகாவலரின் கையொப்பம்.  
Signature of the Parent/Guardian.



CHAMBER OF COMMERCE

**MANALI RAMAKRISHNA POLYTECHNIC COLLEGE**

**KURUVADY, THANJAVUR - 613 003.**

G.O. MS. No. : 855/J2/4.7.84

AICTE No. : 730-52-025 (E) ET/97

11.06.2008

**SERVICE CERTIFICATE**

This is to certify that Ms.V.Tharakeswari M.Sc,M.Phil., is working as  
a Lecturer in Mathematics in this Institution from 16<sup>th</sup> August 2005  
to till date.

*[Handwritten Signature]*  
PRINCIPAL  
C.C.M.R. POLYTECHNIC COLLEGE  
THANJAVUR

*[Handwritten Signature]*  
V. S. L.  
01-1-2008



# PARISUTHAM INSTITUTE OF TECHNOLOGY AND SCIENCE

Kamaraj Nagar, NH-67 - Ring Road, Nellikottai, Thanjavur - 613 006.

Phone : 04362 - 256565, 256595, 256954 Fax : 04362- 255976

E-Mail : pitsprincipal@gmail.com Web Site : www.parisuthamtech.com

07<sup>TH</sup> MAY 2013

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mrs. **V.Tharakeswari** M.sc.,M.Phil., has worked in this institution from 1<sup>st</sup> Aug 2008 to 30<sup>th</sup> Mar 2013 as a Lecturer in Mathematics Department.

She was adaptive, sincere and hardworking towards academic and other duties.

For Parisutham Institute of Technology and Science

Dean Academics  
**Principal**

Parisutham Institute of Technology & Science  
Thanjavur - 613 006.  
Tamilnadu, India

आयकर विभाग  
INCOME TAX DEPARTMENT  
THARAKESWARI



भारत सरकार  
GOVT. OF INDIA

VASUDEVAN

05/05/1981  
Permanent Account Number

AWWPT5789P



Signature



066922015

**ईस कार्ड के खोने/पाने पर कृपया सूचित करें/लौटारें:**

आयकर पैन सेवा इकाई, एन एस डी एल  
5 वीं मंजिल, मंत्री स्टर्लिंग,  
प्लॉट नं. 341, सर्वे नं. 997/8,  
मॉडल कॉलोनी, दीप बंगला चौक के पास,  
पुणे - 411 016.

***If this card is lost / someone's lost card is found,  
please inform / return to :***

Income Tax PAN Services Unit, NSDL  
5th Floor, Mantri Sterling,  
Plot No. 341, Survey No. 997/8,  
Model Colony, Near Deep Bungalow Chowk,  
Pune - 411 016.

Tel: 91-20-2721 8081  
e-mail: [tinpan@nsdl.com](mailto:tinpan@nsdl.com)



**India Driving Licence(Tamilnadu)**

Form 7

DOI 21/01/2010

Lic.No : TN49 20100000488  
Name : THARAKESWARI V  
S.D.W of : VASUDEVAN V  
Address :  
NO.499, MIG NEW HOUSING UNIT

THANJAVUR DT  
Temp. Add.

D.O.B : 05/05/1981 B.G. : O

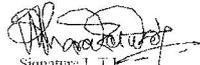
Punishments:



Licensed to drive throughout India, vehicles of the following descriptions  
**M/CYCL. WOG 21/01/2010 TN49**

Non-Transport Veh. Valid upto **20/01/2030**



  
Signature J. T.  
of the Holder

  
Asst. Licensing Authority  
RTA, MELAYARPALE, THANJAVUR

RC/18488/95 A8 SR5075/95

சாதிச் சான்றிதழ்  
Community Certificate



மாவட்ட குறியீடு எண்  
District Code  
வட்ட குறியீடு எண்  
Taluk Code  
கிராமக் குறியீடு எண்  
Village Code

1	1
0	1
8	0

சாதிச்சான்றிதழ்

COMMUNITY CERTIFICATE

மாவட்டம் ..... வட்டம் .....  
கிராமம் / நகரம், திரு / திருமதி / செல்வி /  
செல்வன் ..... தகப்பனார் /  
சகலப் பெயர் .....

வகுப்பைச் சார்ந்தவர். அரசு ஆணை எண். 1564, சமூக நலத்துறை, நாள் 30-7-1985.  
வ. எண். ...., படி பிற்பட்ட பிரிவைச் சார்ந்தவர் என  
சான்றளிக்கப்படுகிறது.

This is to Certify that V. THARA KESWARI Son / Daughter of  
Thiru V. VASUDEVAN of Village / Town Nanjikottai  
Taluk THANJAVUR District of the State of Tamil Nadu belongs to HINDU  
JETTY Community, which is recognised as a Backward Class as  
per Government Order (Manuscript Series) No. 1564, Social Welfare Department, dated  
30-7-1985 vide Serial No. 63

திரு / திருமதி / செல்வி / செல்வன் .....  
என்பவரும் அவருடைய குடும்பத்தினரும் தமிழ்நாட்டில் .....  
மாவட்டத்தில் ..... வட்டத்தில் .....

கிராமத்தில் / நகரத்தில் வசித்து வருகிறார்கள் என சான்றளிக்கப்படுகிறது.  
2. It is certified that Thiru / Tmt. / Selvi / Selyan V. THARA KESWARI  
and his / her family ordinarily reside(s) at Plot No: 42 Bank employees Colony Village / Town  
Taluk THANJAVUR District of Tamil Nadu THANJAVUR

முத்திரை ?  
Seal ?



கையொப்பம் ?  
Signature ?  
நாள் ?  
Date ?  
தனி எழுத்துக்களில் பெயர் ?  
Name in Capital Letters ?  
தனிப் பெயர் ?  
Designation ?

செல்வன்  
17/11/95

Zonal Dy. Tahsildar,  
Zone No: I,  
Thanjavur.

2/17/95

P. S. 27/116

PRINCIPAL

J.N.N. INSTITUTE OF ENGINEERING  
KANNELPALLE, CHENNAI - 600 021, N.E. WAY  
THIRUVALUR, DISTRICT, CHENNAI - 600 021, PIN CODE-501102  
PHONE: 044-2752913

ANNEXURE-I

CERTIFICATE FROM THE ORGANISATION WHERE THE CANDIDATE IS EMPLOYED

Certified that Mr./Ms./Mrs. THARAKESWARI, V is employed as (Designation) ASSISTANT PROFESSOR in the (Department/Division Name) MATHEMATICS of (Institution/Industry Name) J.N.N INSTITUTE OF ENGINEERING

We have no objection in forwarding his/her application for the Ph. D Research Programme

**FOR FULL TIME :**

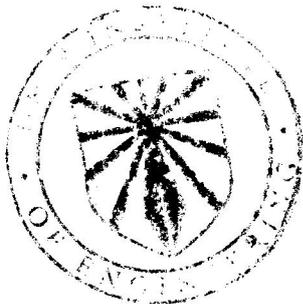
The candidate will be sanctioned leave for the duration of the research programme and will be relieved from duty from \_\_\_\_\_ to \_\_\_\_\_ to undertake the full time research work in the University.

**FOR PART TIME :**

The candidate will be permitted to undertake part time study in the University/College and will be allowed to be present for discussions with the supervisor, attending course works, conduct of experiments and participations in seminars and related presentations. Further the required facilities at our organization will also be provided to the candidate for doing research.

Date :

Signature of the Head of organization with office-seal



J.N.N INSTITUTE OF ENGINEERING  
40, Ushaa Garden, Kammigalpani  
Tiruvallur Dist, Tamil Nadu-601 100